



2018

Price list

Garage doors and Operators

Valid as of 01.03.2018

novoferm

Prices

Gross prices in €

Delivery terms

FCA

Payment terms

Immediately without any deduction (unless agreed otherwise)

Deliveries by courier

The costs vary depending on the country, product, weight and type of service. The decision about service way will be decided by Novoferm.

Alteration costs

For orders that have already been acknowledged, we charge a lump sum of € 30,-- net for alteration costs; for special orders, we also charge the material costs that have already accrued.

Technical changes

We reserve the right to technical modifications

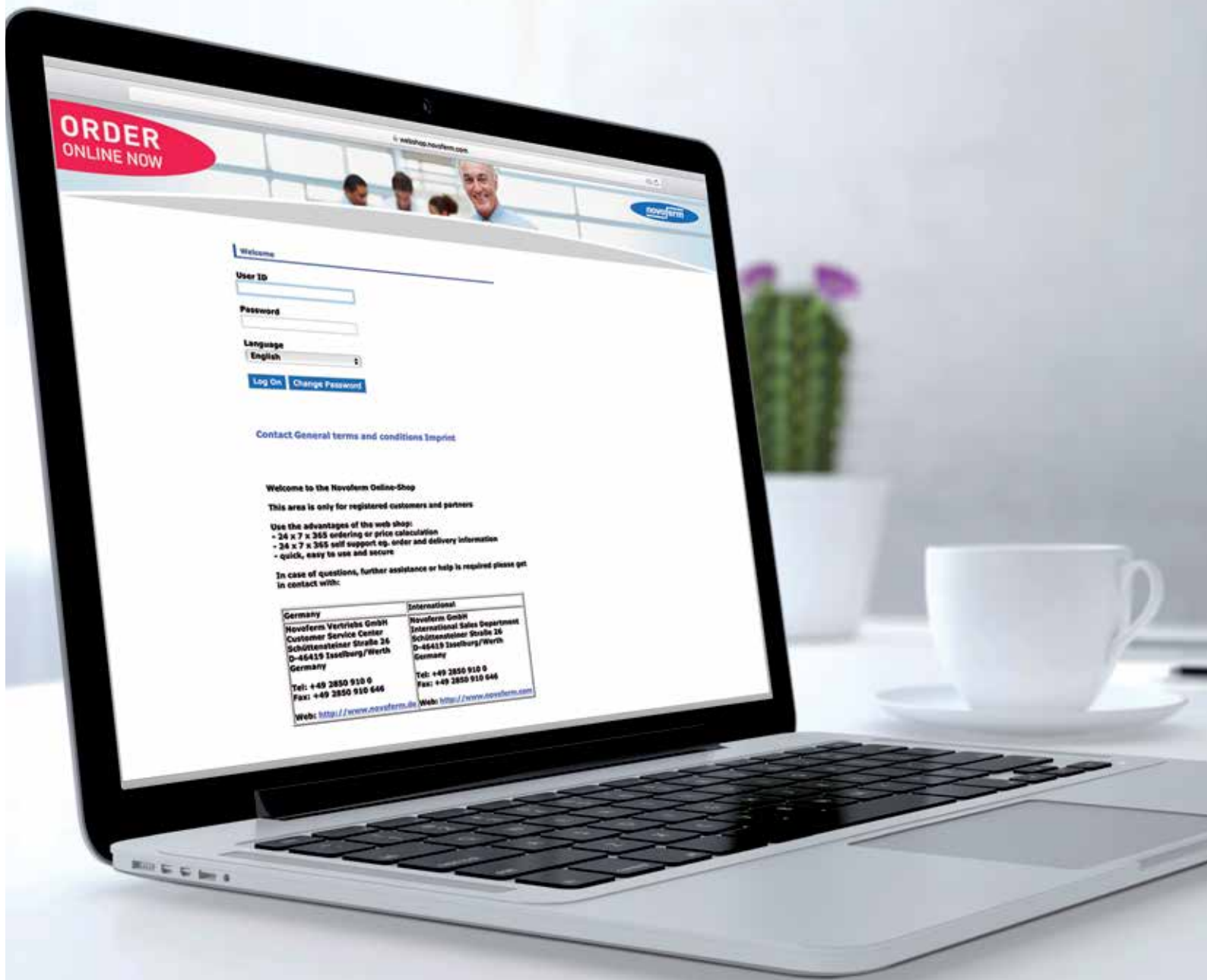
General terms of trade

All deliveries are effected on the basis of our General Terms and Trade (see on www.novoferm.de)

Validity of price list

Publication of this price list invalidates all previous price lists, offers and agreements





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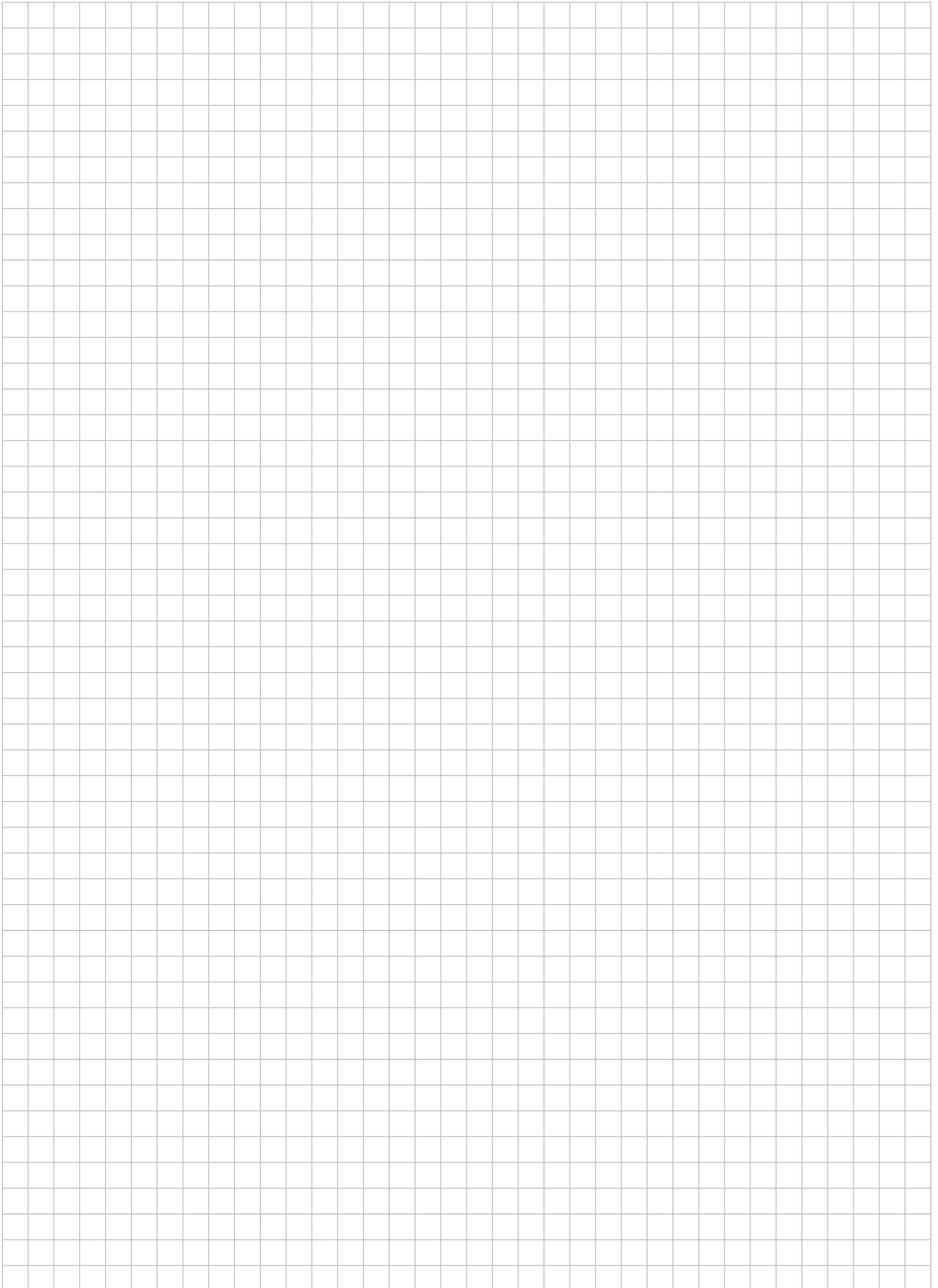
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	Programme overview	7
	Product description	8
Sectional door Novoferm E® type iso 20	Technics	9
	Standard-, special- and renovation sizes	12
	Accessories	16
	Side doors	75
	Programme overview	19
	Product description	20
Sectional door Novoferm E® type iso 45	Technics	21
	Standard-, special- and renovation sizes	26
	Accessories	48
	Side doors	75
	Programme overview	57
	Product description	58
DuoPort 700 h/c (double leaf hinged door)	Technics	59
	Sizes	60
	Accessories	62
		Programme overview
	Product description	66
Sectional door Novoferm E® type timber 45	Technics	67
	Standard- and special sizes	70
	Accessories	74
	Side doors	86
	Programme overview	75
Side doors	Product description iso 20 / 45 / Timber	76 / 80 / 86
	Technics	77 / 81 / 87
	Accessories iso 20 / 45 / Timber	79 / 84 / 89
		Programme overview
	Product description	92
Side doors NovoPorta ISO Plus	Technics	93
	Accessories	96
		Programme overview
	Product description	100
Up & over garage door Novoferm K®	Technics	101
	Standard- and special sizes	102
	Accessories	106
	Side doors	115
		Programme overview
	Product description	108
Up & over garage door Novoferm M®	Technics	109
	Standard- and special sizes	110
	Accessories	114
	Side doors	115
		Programme overview
Side doors	Product description	116
	Technics	117
	Accessories	121
		Programme overview
Novoferm collective garage doors	Product description Trafimatic /Up-and-over doors	124 / 128
	Technics	125 / 129
	Accessories Trafimatic / Up-and-over doors	127 / 106
		Programme overview
NovoRol (Roller shutter door)	Product description	134
	Technics	135
	Accessories	136
		Programme overview
Novoferm Garage door operators	Novomatic 423 complete set	141
	Novomatic 423 Accu complete set	142
	Novomatic 423	143
	Novomatic 563 S	144
	Novomatic 803 S	145
	NovoGate	146
	NovoSwing	147
	Accessories	148

Notes



Sectional door Novoferm E[®] type iso 20



Programme overview

Chapter - Table of contents

Product description	8
Technics / Installation examples / Details	9
Standard-, special- and renovation sizes	12
Accessories	16
Side doors	75

Horizontal rib



Woodgrain, without operator	12
Woodgrain, NovoPort [®]	12

Large rib



Woodgrain, without operator	12
Woodgrain, NovoPort [®]	12

Flush



Noblesse (smooth), without operator	14
Noblesse (smooth), NovoPort [®]	14

Sectional door Novoferm E[®] type iso 20

Product description



Garage door leaf

Sections 20 mm thick, anti-pinch profile. Steel sections made of hot galvanized thin sheet, double-skinned, with PUR rigid foam

(insulation value $k = 1.0 \text{ W/qmK}$). Surface: woodgrain design or smooth (depending on type).

Sections prepared for mounting hardware, lock, floor profile, and floor seal. Adjustable bottom sealing (max. 15mm).

Frame and frame panel

Angular frame side parts (with finger protection) and frame panel made of hot galvanized thin sheet. Surface: angular frame side parts smooth,

frame panel smooth. Seals: angular frame side parts and frame panel with EPDM seals. With galvanized bracket at the bottom of the frame to prevent frame from corrosion.

Accessories: Angle-frame cover-profiles in garage door colour, smooth.

Surface coating (base paint)

Garage door leaf:

Base paint based on polyester. Inside: grey white, similar to RAL 9002 Outside:

Standard: traffic white, similar to RAL 9016

Super Color (extra price):

Super Color surfaces are **final coated**.

Available colours:

Steel blue similar to RAL 5011
Moss green similar to RAL 6005
Fir green similar to RAL 6009
Anthracite grey similar to RAL 7016
Light grey similar to RAL 7035
Window grey similar to RAL 7040
Ochre brown similar to RAL 8001
Nut brown similar to RAL 8011
Sepia brown similar to RAL 8014
White aluminium similar to RAL 9006
Grey aluminium similar to RAL 9007
(With dark colours, solar radiation causes increased bending and the risk of foam separation.)

Frame panel:

Base paint based on polyester Standard: Outside traffic white, similar to RAL 9016

Special paint: Outside in garage door colour

Angular frame side parts:

Base paint based on polyester Standard: Outside traffic white, similar to RAL 9016

Counterbalance

Multiple safety extension spring assemblies arranged in the angular frame with double steel cables and deflection pulleys mounted on bearings

Garage door lock and hardware

Standard scope of supply without plastic handle and special lock. Available with lock pack and lock cut-out at the factory on request.

Locking existing of :

Lock pack (black plastic handle with safety profile half cylinder DPC 30.5/10; 40.5 mm long; lever 25° lower left, in accordance with DIN 18252) locking bar and lock cut out. **Galvanized steel hinges and rope fastenings.**

Garage doors with operator but without 2nd entrance:

Emergency unlocking cylinder Extra 315 required

Manual operated doors:

Locking packaged required

NovoPort[®] – automatic garage-door system

Technical data:

24 V DC-motor, connection 230 V/50 Hz, 240 watt, maximum push and pull 550 N, tested according to Garage Doors Product Standard DIN EN 13241-1, CE mark

Control electronics: Menu-guided control with diagnostics display, economy curcuit,

power consumption in standby mode: only 0,5 W

soft start/stop, automatic power limit with 2-processor safety technology, separately adjustable automatic shutdown device for both directions, reference-point limit shutdown, running time limiter, right/left mounting possible.

Hardware:

Digital KeeLoq remote control, 433 MHz,

with 2- channel mini hand transmitter, (up to **30 codes storeable**) background-lighted wall switch in control housing, integrated LED light (1,6W), lighting time 60 s to 4 min or programmable warning light, connection possibility for external lighting or warning light up to 500 W, quick unlocking inside. Power transmission via toothed belt.

Optional: with additional module also useable via APP „Tydom“

Scope of delivery

Section packet

Frame packet
Panel packet
Operator packet (by ordering NovoPort[®])

Special – pre assembled:

(not possible with Super Color)
Pre-assembled garage-door-leaf in frame
Operator packet (by ordering NovoPort[®])

Disassembled with Super Color :

Garage-door leaf section packet
Frame packet
Operator packet (by ordering NovoPort[®])

10 years manuf. guarantee Safe operation of the door (max. 50.000 cycles)
Door leaf (sections) against rust from inside out
Separation of steel from foam
Bottom-, middle-, side- and lintel sealings

5 years manuf. guarantee Adhesion of colour / timber foil with regards to finished surfaces; corrosion protection and light fastness in domestic markets (minor colour deviations are excluded from this); wooden door-leaves ;
Locks, hinges, springs, bearings, rollers, cable pulleys and cables in case of normal usage*;
Mechanical parts operator and operator control

2 years manuf. guarantee Radio control and accessories of operators

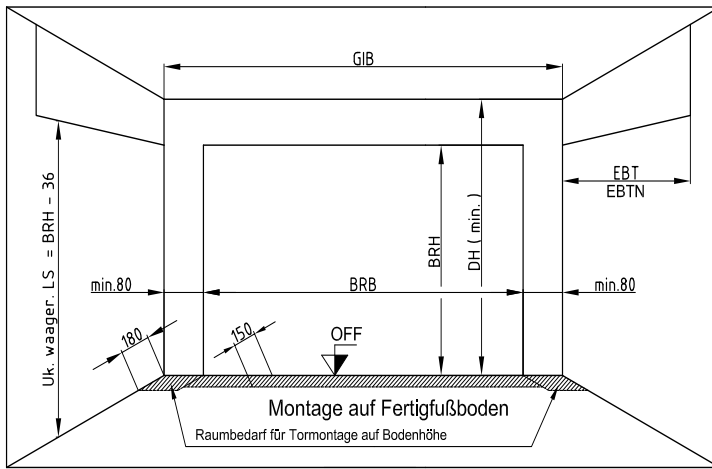
*up to 25.000 cycles

Sectional door Novoferm E[®] type iso 20

Technics



Installation dimensions

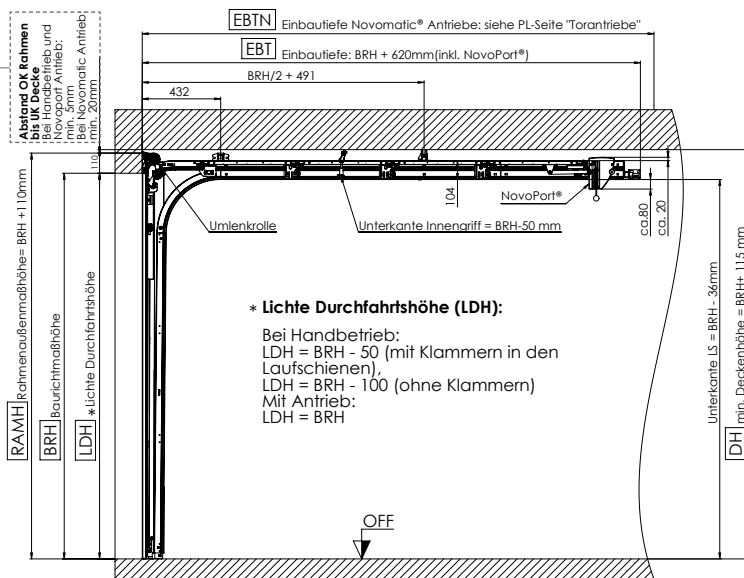


- BRB** Co-ordinating width
- BRH** Co-ordinating height
- DH** Ceiling height (min.)
- GIB** Interior garage width (min.)
- EBT** Installation depth of the garage
- EBTN** Installation depth by using Novomatic operator
- RAMB** Outer frame - width
- RAMH** Outer frame - height
- OFF** Upper-edge finished floor
- LDH** Clear passage height
- AB** Rebate width (min.)

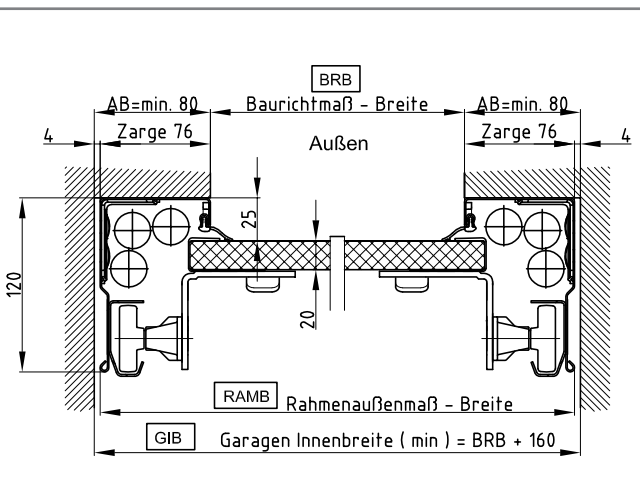
Please see measures below (co-ordinating widths and heights) or calculate according to the drawings.

Vertical cut through the door

Abstand OK Rahmen bis UK Decke
Bei Handbetrieb und Novoport Antrieb:
min. 5mm
Bei Novomatic Antrieb:
min. 20mm



Horizontal cut through the door



Co-ordinating widths and heights

BRB	RAMB	GIB	BRH	RAMH	DH min.	EBT
2125	2277	2285	1875	1985	1990	2495
2250	2402	2410	2000	2110	2115	2620
2375	2527	2535	2125	2235	2240	2745
2500	2652	2660	2250	2360	2365	2870
2625	2777	2785	2375	2485	2490	2995
2750	2902	2910	2500	2610	2615	3120
2875	3027	3035	2625	2735	2740	3245
3000	3152	3160	2750	2860	2865	3370

Special heights are only available in 25 mm steps.
Special widths in 5 mm steps.

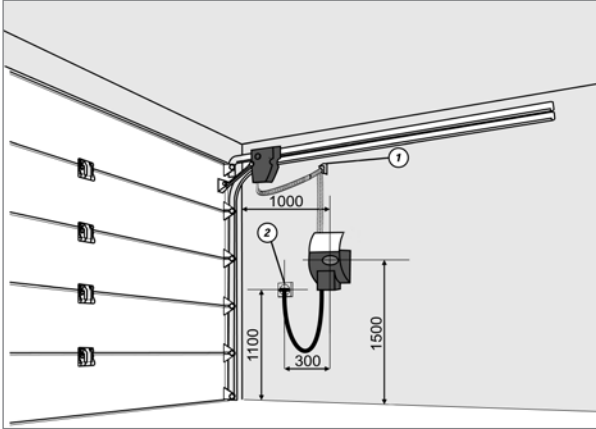
All dimensions in mm.

Technics

Installation examples

Standard-Installation

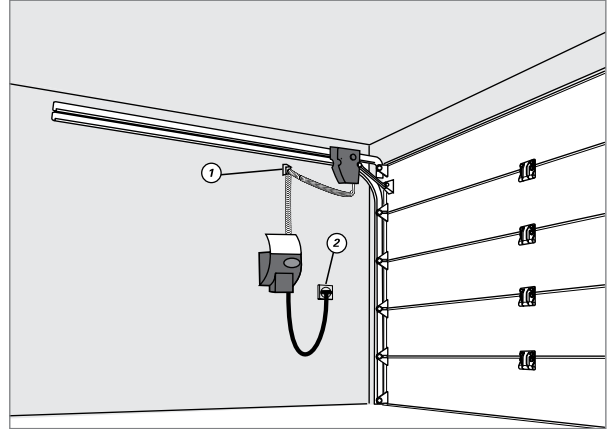
Operator in the right garage door track
Control box mounted on the right wall



(1) Wall fastening (2) Mains socket

Standard-Installation

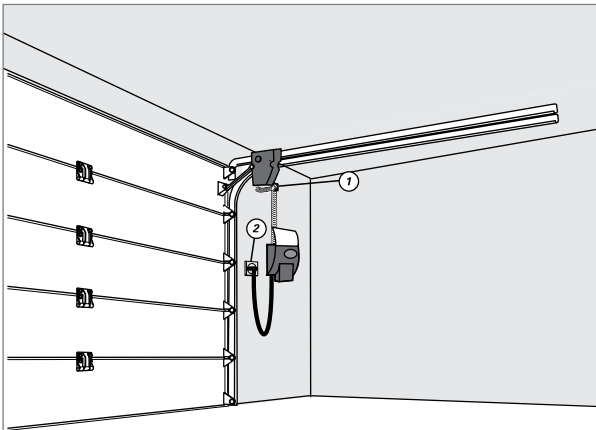
Operator in the left garage door track
Control box mounted on the left wall



(1) Wall fastening (2) Mains socket

Standard-Installation

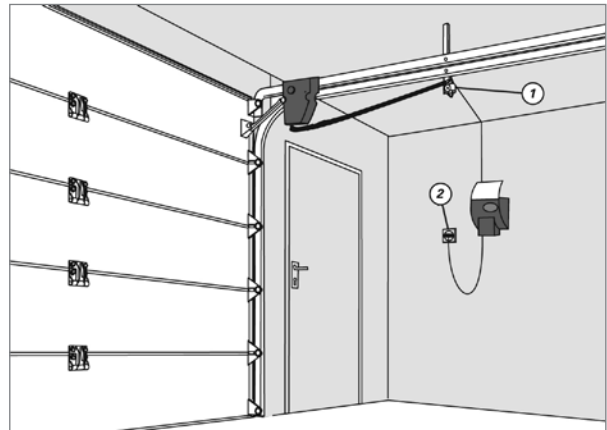
Operator in the right garage door track
Control box next to the door



(1) Wall fastening (2) Mains socket

Installation with cable extension

Operator in the right garage door track
Control box mounted on the right wall with cable extension



(1) Wall fastening (2) Mains socket

Details

Section pattern

Co-ord. height (in mm)	Number of sections	Section heights (standard pattern)						Distance between the ribs	
		Bottom section	Locking section	Middle section 1	Middle section 2	Middle section 3	Head section	Horizontal rib	Large rib
2750	6	500	450	450	450	450	450	125/ 113	250/ 225
2625	5	525	525	525	525		525	131	263
2500	5	500	500	500	500		500	125	250
2375	5	500	500	450	450		450	125/ 113	250/ 225
2250	5	450	450	450	450		450	113	225
2175	5	450	450	450	450		450	113	225
2125	4	525	525	525			525	131	263
2075	4	525	525	525			500	131/ 125	263/ 250
2050	4	525	525	500			500	131/ 125	263/ 250
2000	4	500	500	500			500	125	250
1925	4	500	500	450			450	125/ 113	250/ 225
1875	4	500	450	450			450	125/ 113	250/ 225
2000	4	500	500	500			500	125	250
1925	4	500	500	450			450	125/ 131	250/ 225
1875	4	500	450	450			450	125/ 113	250/ 225

All dimensions in mm

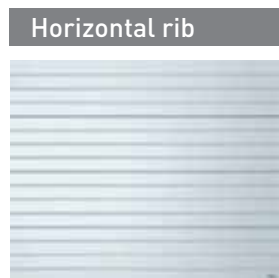
Final coating

All doors which are painted according to our Super Color chart are final coated.

Painted Angle-frame-cover-profiles are final coated as well.

Sectional door Novoferm E® type iso 20

Horizontal rib / Large rib (without operator / with NovoPort®)



Horizontal rib



Large rib



Woodgrain

Super Color



NovoPort®-System



Standard sizes

Order size, Co-ord.size		woodgrain, without operator		woodgrain, with NovoPort®	
Width x Height in mm		Standard white €/piece	Super Color €/piece.	Standard white €/piece	Super Color €/piece
2190 x	1925	• 955,-	1073,-	• 1334,-	1452,-
	2050	• 955,-	1081,-	• 1334,-	1460,-
2250 x	1875	• 925,-	1043,-	• 1304,-	1422,-
	2000	• 955,-	1081,-	• 1334,-	1460,-
	2125	• 955,-	1089,-	• 1334,-	1468,-
2315 x	1925	• 925,-	1050,-	• 1304,-	1429,-
	2050	• 925,-	1058,-	• 1304,-	1437,-
	2175	• 985,-	1126,-	• 1364,-	1505,-
2375 x	1875	• 925,-	1050,-	• 1304,-	1429,-
	2000	• 925,-	•• 1058,-	• 1304,-	•• 1437,-
	2075	• 925,-	•• 1063,-	• 1304,-	•• 1442,-
	2125	¹⁾ • 910,-	•• 1051,-	¹⁾ • 1289,-	•• 1430,-
	2250	• 945,-	1095,-	• 1324,-	1474,-
	2375	• 992,-	1150,-	• 1371,-	1529,-
2440 x	1925	• 925,-	1057,-	• 1304,-	1436,-
	2050	• 925,-	1065,-	• 1304,-	1444,-
	2175	• 985,-	1134,-	• 1364,-	1513,-
2500 x	1875	• 925,-	1056,-	• 1304,-	1435,-
	2000	• 925,-	•• 1065,-	• 1304,-	•• 1444,-
	2075	• 925,-	•• 1070,-	• 1304,-	•• 1449,-
	2125	¹⁾ • 910,-	•• 1059,-	¹⁾ • 1289,-	•• 1438,-
	2250	¹⁾ • 945,-	1103,-	¹⁾ • 1324,-	1482,-
	2375	• 1002,-	1168,-	• 1381,-	1547,-
	2500	• 1002,-	1177,-	• 1381,-	1556,-
2750	• 1178,-	1371,-	• 1557,-	1750,-	
2625 x	2125	• 1063,-	1219,-	• 1442,-	1598,-
2750 x	2000	• 1080,-	1234,-	• 1459,-	1613,-
	2125	• 1118,-	1282,-	• 1497,-	1661,-
	2250	• 1124,-	1297,-	• 1503,-	1676,-
	2940 x	2050	• 1224,-	1393,-	• 1603,-
3000 x	2000	• 1226,-	1394,-	• 1605,-	1773,-
	2125	• 1224,-	1403,-	• 1603,-	1782,-
	2250	• 1236,-	1425,-	• 1615,-	1804,-
	2375	• 1270,-	1470,-	• 1649,-	1849,-
	2500	• 1327,-	1537,-	• 1706,-	1916,-

Renovation sizes

- Large rib, without lock and handle available from stock
 - ¹⁾ Large rib, Horizontal rib, without lock and handle available from stock
 - Large rib, without lock, RAL 7016 (anthrazitgrau) available from stock
- no dot = note production time

Sectional door Novoferm E® type iso 20



Horizontal rib / Large rib (without operator)

Special sizes									
Woodgrain									
For fractional heights: next standard size up + € 99,- (only possible in steps of 25 mm)									
Basic price for standard white sim. to RAL 9016. Prices for Super Color are marked blue.									
Co-ordinating height (fractional heights are only possible in steps of 25 mm)	2750	1271,-	1307,-	1350,-	1393,-	1517,-	1641,-	1733,-	1825,-
		1435,-	1480,-	1533,-	1586,-	1719,-	1853,-	1954,-	2056,-
	2625	1148,-	1178,-	1214,-	1250,-	1355,-	1462,-	1544,-	1624,-
		1304,-	1343,-	1389,-	1434,-	1548,-	1664,-	1755,-	1845,-
	2500	1120,-	1141,-	1176,-	1202,-	1295,-	1389,-	1472,-	1555,-
		1269,-	1299,-	1342,-	1377,-	1479,-	1582,-	1673,-	1765,-
	2375	1083,-	1105,-	1136,-	1159,-	1243,-	1327,-	1409,-	1490,-
		1224,-	1255,-	1294,-	1325,-	1418,-	1510,-	1600,-	1690,-
	2250	1049,-	1072,-	1101,-	1134,-	1219,-	1303,-	1387,-	1472,-
		1183,-	1214,-	1251,-	1292,-	1384,-	1476,-	1568,-	1661,-
	2125	1037,-	1069,-	1097,-	1115,-	1199,-	1284,-	1366,-	1449,-
		1163,-	1203,-	1238,-	1264,-	1355,-	1448,-	1537,-	1628,-
	2000	1002,-	1039,-	1071,-	1102,-	1185,-	1267,-	1349,-	1430,-
		1121,-	1165,-	1204,-	1242,-	1332,-	1421,-	1510,-	1598,-
	1875	981,-	1000,-	1038,-	1071,-	1145,-	1219,-	1304,-	1389,-
		1093,-	1118,-	1163,-	1202,-	1283,-	1363,-	1455,-	1547,-
	Co.ordin. sizes	2125	2250	2375	2500	2625	2750	2875	3000

Co-ordinating width (possible in 5mm steps) →

Horizontal rib/ Large rib (with NovoPort®)

Woodgrain									
For fractional heights: next standard size up + € 99,- (only possible in steps of 25 mm)									
Basic price for standard white sim. to RAL 9016. Prices for Super Color are marked blue.									
Co-ordinating height (fractional heights are only possible in steps of 25 mm)	2750	1650,-	1686,-	1729,-	1772,-	1896,-	2020,-	2112,-	2204,-
		1814,-	1859,-	1912,-	1965,-	2098,-	2232,-	2333,-	2435,-
	2625	1527,-	1557,-	1593,-	1629,-	1734,-	1841,-	1923,-	2003,-
		1683,-	1722,-	1768,-	1813,-	1927,-	2043,-	2134,-	2224,-
	2500	1499,-	1520,-	1555,-	1581,-	1674,-	1768,-	1851,-	1934,-
		1648,-	1678,-	1721,-	1756,-	1858,-	1961,-	2052,-	2144,-
	2375	1462,-	1484,-	1515,-	1538,-	1622,-	1706,-	1788,-	1869,-
		1603,-	1634,-	1673,-	1704,-	1797,-	1889,-	1979,-	2069,-
	2250	1428,-	1451,-	1480,-	1513,-	1598,-	1682,-	1766,-	1851,-
		1562,-	1593,-	1630,-	1671,-	1763,-	1855,-	1947,-	2040,-
	2125	1416,-	1448,-	1476,-	1494,-	1578,-	1663,-	1745,-	1828,-
		1542,-	1582,-	1617,-	1643,-	1734,-	1827,-	1916,-	2007,-
	2000	1381,-	1418,-	1450,-	1481,-	1564,-	1646,-	1728,-	1809,-
		1500,-	1544,-	1583,-	1621,-	1711,-	1800,-	1889,-	1977,-
	1875	1360,-	1379,-	1417,-	1450,-	1524,-	1598,-	1683,-	1768,-
		1472,-	1497,-	1542,-	1581,-	1662,-	1742,-	1834,-	1926,-
	Co.ordin. sizes	2125	2250	2375	2500	2625	2750	2875	3000

Co-ordinating width (possible in 5mm steps) →

Pre-assembled garage door, max. up to 3000 x 2375 mm **€ 107,-**

(Pre-assembly not possible with Super Color)

Note special delivery times!

Lock and handle

Standard size, seen from inside right

€ 38,-

Standard size, seen from inside left or in the middle

€ 72,-

Special sizes

€ 38,-

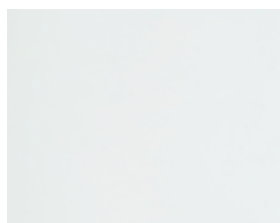
Sectional door Novoferm E® type iso 20

Flush (without operator / with NovoPort®)

Flush



Noblesse (smooth)



Super Color



NovoPort®-System



Standard sizes

Order size, Co-ord.size		Noblesse (smooth), without operator		Noblesse (smooth), with NovoPort®		
Width x Height in mm		Standard white €/piece	Super Color €/piece	Standard white €/piece	Super Color €/piece	
2190 x	1925	1240,-	1358,-	1619,-	1737,-	
	2050	1241,-	1367,-	1620,-	1746,-	
2250 x	1875	1217,-	1335,-	1596,-	1714,-	
	2000	1240,-	1366,-	1619,-	1745,-	
	2125	1241,-	1375,-	1620,-	1754,-	
2315 x	1925	1220,-	1345,-	1599,-	1724,-	
	2050	1221,-	1354,-	1600,-	1733,-	
	2175	1263,-	1404,-	1642,-	1783,-	
2375 x	1875	1217,-	1342,-	1596,-	1721,-	
	2000	1220,-	1353,-	1599,-	1732,-	
	2075	1220,-	1358,-	1599,-	1737,-	
	2125	• 1206,-	1347,-	• 1585,-	1726,-	
	2250	1263,-	1413,-	1642,-	1792,-	
	2375	1326,-	1484,-	1705,-	1863,-	
2440 x	1925	1220,-	1352,-	1599,-	1731,-	
	2050	1221,-	1361,-	1600,-	1740,-	
	2175	1263,-	1412,-	1642,-	1791,-	
2500 x	1875	1217,-	1348,-	1596,-	1727,-	
	2000	1220,-	1360,-	1599,-	1739,-	
	2075	1220,-	1365,-	1599,-	1744,-	
	2125	• 1206,-	1355,-	• 1585,-	1734,-	
	2250	1263,-	1421,-	1642,-	1800,-	
	2375	1328,-	1494,-	1707,-	1873,-	
	2500	1328,-	1503,-	1707,-	1882,-	
	2750	1393,-	1586,-	1772,-	1965,-	
2625 x	2125	1427,-	1583,-	1806,-	1962,-	
	2750 x	2000	1440,-	1594,-	1819,-	1973,-
		2125	1474,-	1638,-	1853,-	2017,-
2940 x	2250	1558,-	1731,-	1937,-	2110,-	
	2050	1510,-	1679,-	1889,-	2058,-	
3000 x	2000	1511,-	1679,-	1890,-	2058,-	
	2125	1510,-	1689,-	1889,-	2068,-	
	2250	1575,-	1764,-	1954,-	2143,-	
	2375	1655,-	1855,-	2034,-	2234,-	
	2500	1682,-	1892,-	2061,-	2271,-	

• without lock and handle on stock
no dot = note production time

Renovation sizes

Sectional door Novoferm E® type iso 20



Flush (without operator)

Special sizes

Noblesse (smooth) For fractional heights: **next standard size up + € 99,-** (only possible in steps of 25 mm)
Basic price for standard white sim. to RAL 9016. **Prices for Super Color are marked blue.**

Co-ordinating height (fractional heights are only possible in steps of 25 mm)	2750	1564,- 1728,-	1618,- 1791,-	1658,- 1841,-	1723,- 1916,-	1886,- 2088,-	2048,- 2260,-	2114,- 2335,-	2179,- 2410,-
	2625	1510,- 1666,-	1556,- 1721,-	1594,- 1769,-	1653,- 1837,-	1800,- 1993,-	1946,- 2148,-	2018,- 2229,-	2090,- 2311,-
		2500	1455,- 1604,-	1493,- 1651,-	1529,- 1695,-	1584,- 1759,-	1714,- 1898,-	1844,- 2037,-	1923,- 2124,-
	2375		1448,- 1589,-	1488,- 1638,-	1499,- 1657,-	1546,- 1712,-	1674,- 1849,-	1800,- 1983,-	1886,- 2077,-
		2250	1438,- 1572,-	1477,- 1619,-	1494,- 1644,-	1514,- 1672,-	1639,- 1804,-	1763,- 1936,-	1860,- 2041,-
	2125		1399,- 1525,-	1438,- 1572,-	1440,- 1581,-	1451,- 1600,-	1560,- 1716,-	1668,- 1832,-	1761,- 1932,-
		2000	1377,- 1496,-	1433,- 1559,-	1435,- 1568,-	1445,- 1585,-	1539,- 1686,-	1632,- 1786,-	1727,- 1888,-
	1875		1373,- 1485,-	1410,- 1528,-	1418,- 1543,-	1427,- 1558,-	1509,- 1647,-	1590,- 1734,-	1675,- 1826,-
		Co.ordin. sizes	2125	2250	2375	2500	2625	2750	2875

Co-ordin. width (possible in 5mm steps) →

Flush (with NovoPort®)

Noblesse (smooth) For fractional heights: **next standard size up + € 99,-** (only possible in steps of 25 mm)
Basic price for standard white sim. to RAL 9016. **Prices for Super Color are marked blue.**

Co-ordinating height (fractional heights are only possible in steps of 25 mm)	2750	1943,- 2107,-	1997,- 2170,-	2037,- 2220,-	2102,- 2295,-	2265,- 2467,-	2427,- 2639,-	2493,- 2714,-	2558,- 2789,-
	2625	1889,- 2045,-	1935,- 2100,-	1973,- 2148,-	2032,- 2216,-	2179,- 2372,-	2325,- 2527,-	2397,- 2608,-	2469,- 2690,-
		2500	1834,- 1983,-	1872,- 2030,-	1908,- 2074,-	1963,- 2138,-	2093,- 2277,-	2223,- 2416,-	2302,- 2503,-
	2375		1827,- 1968,-	1867,- 2017,-	1878,- 2036,-	1925,- 2091,-	2053,- 2228,-	2179,- 2362,-	2265,- 2456,-
		2250	1817,- 1951,-	1856,- 1998,-	1873,- 2023,-	1893,- 2051,-	2018,- 2183,-	2142,- 2315,-	2239,- 2420,-
	2125		1778,- 1904,-	1817,- 1951,-	1819,- 1960,-	1830,- 1979,-	1939,- 2095,-	2047,- 2211,-	2140,- 2311,-
		2000	1756,- 1875,-	1812,- 1938,-	1814,- 1947,-	1824,- 1964,-	1918,- 2065,-	2011,- 2165,-	2106,- 2267,-
	1875		1752,- 1864,-	1789,- 1907,-	1797,- 1922,-	1806,- 1937,-	1888,- 2026,-	1969,- 2113,-	2054,- 2205,-
		Co.ordin. sizes	2125	2250	2375	2500	2625	2750	2875

Co-ordin. width (possible in 5mm steps) →

Pre-assembled garage door, max. up to 3000 x 2375 mm **€ 107,-**

(Pre-assembly not possible with Super Color)

Note special delivery times!

Lock and handle

Standard size, seen from inside right

€ 38,-

Standard size, seen from inside left or in the middle

€ 72,-

Special sizes

€ 38,-

Sectional door Novoferm E® type iso 20

Accessories

Glazing variant 1, 2 and 3 with plastic double frames

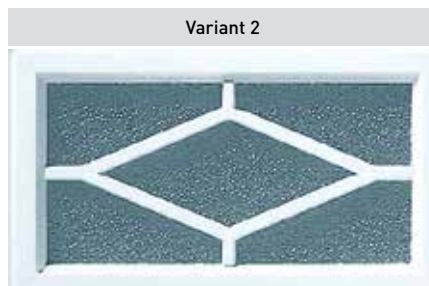
For standard and special sizes



Variant 1

With acrylic double pane, clear on both sides, or clear outside and crystal structure inside; frame inside dimensions approx. 392 x 192 mm, frame outside dimension 460 x 260 mm, Outside frame in garage door colour, inside frame traffic white, similar to RAL 9016.

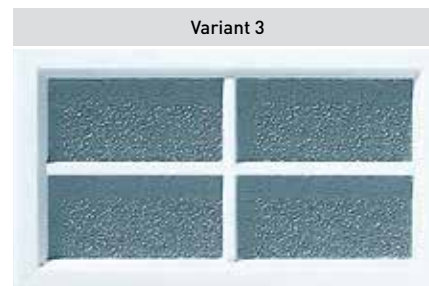
€/piece 75,-



Variant 2

With acrylic double pane, clear on both sides, or clear outside and crystal structure inside; frame inside dimensions approx. 392 x 192 mm, frame outside dimension 460 x 260 mm, Outside frame in garage door colour, inside frame traffic white, similar to RAL 9016.

€/piece 88,-



Variant 3

With acrylic double pane, clear on both sides, or clear outside and crystal structure inside; frame inside dimensions approx. 392 x 192 mm, frame outside dimension 460 x 260 mm, Outside frame in garage door colour, inside frame traffic white, similar to RAL 9016.

€/piece 88,-

Width partitioning for Variant 1, 2 und 3

Co-ordinating width (mm)	2000–2300	2301–2875	2876–3000
max. numbers	3	4	5

Garage-door handle sets

	Art.-Nr.	€/Piece
F1 silver coloured anodized	14300001	67,-
Stainless steel	14300009	67,-
Traffic white, similar to RAL 9016	14300004	80,-
Super Color	14300999	80,-

Aluminium-frame set

existing of:

2 Alu-side profiles, 140 mm width, cut to height at the factory

1 Alu-top profile, cut to width at the factory

(Overall frame size = Co-ordinating size + 157 mm) incl. fixing material

Up to Aluminium frame - outer dimension Width 3280 x 2780 (equals co-ordin.size 3000 x 2625 mm)

RAL 9016 traffic white	AB000999	201,-
other RAL-colours	AB000999	247,-

LED lighting unit (to fix below the lintel - can be shorten on site)

Up to door width 3000 mm: 4 LED Lights, lengths: 2992 mm	10600086	335,-
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Thermo frame set (thermal optimization of the frame)

Thermo frame set 1 (black), max. 3000 x 2375 mm (co-ordinating size)	TZS00001	166,-
Thermo frame set 2 (black), max. 3000 x 3125 mm (co-ordinating size)	TZS00002	194,-

Sectional door Novoferm E[®] type iso 20



Accessories

Burglar resistance set

		Art.-Nr.	€/piece
iso 20, with operator	Burglar resistance set / NovoPort [®]	10600173	132,-
	Burglar resistance set / Novomatic	10600172	132,-
iso 20, manual operation	Burglar resistance set	10600171	127,-

Fascia panels for lintel compensation (20 mm)

Sectional panel, double-skinned, 20 mm, made of hot galvanized thin sheet, with PUR rigid foam core;
Colour outside: Traffic white, similar to RAL 9016; Inside: Grey white, similar to RAL 9002

Outer frame size of panel: 250 mm up to 3000 mm

Garage door design	Dimension	Available panels design	Art.-Nr.	€/piece
Horizontal rib, Woodgrain	from 60 bis 350 mm height	Horizontal rib, Woodgrain	SBI20999	41,- per rm.
Horizontal rib, Woodgrain	from 351 bis 500 mm height	Horizontal rib, Woodgrain	SBI20999	50,- per rm.
Large, rib Woodgrain	from 60 bis 350 mm height	Flush, Woodgrain	SBI20999	41,- per rm.
Large rib, Woodgrain	from 351 bis 500 mm height	Large rib, Woodgrain	SBI20999	50,- per rm.
Flush, Noblesse (smooth)	from 60 bis 350 mm height	Flush, Noblesse (smooth)	SBI20999	63,- per rm.
Flush, Noblesse (smooth)	from 351 bis 500 mm height	Flush, Noblesse (smooth)	SBI20999	72,- per rm.

Fascia panels / Surface coating – (base paint)

Super Color: (outside) in garage-door colour	-	28,- per m ²
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Angle-frame-cover-profiles (smooth) Super color

Angle 20 x 50 mm (cut to size at the factory)	WZV00999	98,- per pair
Angle 20 x 80 mm (cut to size at the factory)	WZV00999	121,- per pair

Installation aids

Rebate pipe 80 x 40 mm, wall thickness 2 mm, hot galvanized (to be used when there is no rebate)	65760999	36,- per rm.	
Special anchor set, for side anchoring of the angular frames to the masonry for distances to wall of 25 - 95 mm (to be used if front anchoring is not possible). The set consists of 10 special anchors and 2 wall anchors.	10600026	15,-	
Adjustable frame anchor set (10 pieces)	10600218	32,-	
3-D anchor set for uneven walls (10 pieces)	10600217	31,-	
Anchor rail (C30) (1000 mm = Art.-Nr. 82550002) or (2000 mm = Art.-Nr. 82550003)		20,- per rm.	
Plastic shims, 2,3,4 or 5 mm thick, for filling between the angle frames and the wall in case of uneven walls	2 mm	14100001	7,-
	3 mm	14100002	7,-
	4 mm	14100003	7,-
	5 mm	14100004	7,-

Ventilation

Retrofitting set (ventil.cross section approx. 8mm x co-ordinating width)	10600062	38,-
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Have you
already noticed?



Open the flap to reveal the accessories A choice of colours, operators and accessories at a glance

Simply unfold the back cover to see an overview of prices for colours, selected operators and accessories.
For fast and easy calculation.

Your Novoferm representative or sales advisor is available to help if needed.
For more information, go to www.novoferm.com.



Sectional door Novoferm E[®] type iso 45



Programme overview

Chapter - Table of contents

Product description	20
Technics / Installation examples / Details	21
Standard-, special- and renovation sizes	26
Accessories	48
Pass doors	52
Larger lintel heights	54
Roof-coordinated hardware	55
Side doors	75

Horizontal rib 26



Woodgrain, without operator	26
Woodgrain, NovoPort [®]	26

Large rib ab 28



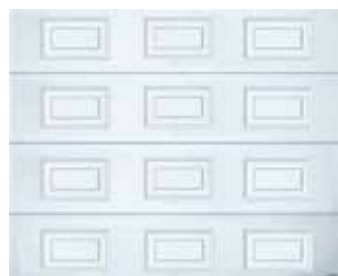
Woodgrain, without operator	28
Woodgrain, NovoPort [®]	32
Noblesse (smooth), without operator	28
Noblesse (smooth), NovoPort [®]	32
Timber foil surfaces, without operator	28
Timber foil surfaces, NovoPort [®]	32
Satin surfaces, without operator	28
Satin surfaces, NovoPort [®]	32

Flush ab 36



Woodgrain, without operator	36
Woodgrain, NovoPort [®]	40
Noblesse (smooth), without operator	36
Noblesse (smooth), NovoPort [®]	40
Timber foil surfaces, without operator	36
Timber foil surfaces, NovoPort [®]	40
Satin surfaces, without operator	36
Satin surfaces, NovoPort [®]	40
Microline, without operator	36
Microline, NovoPort [®]	40

Raised panel ab 44



Woodgrain, without operator	44
Woodgrain, NovoPort [®]	46
Timber foil surfaces, without operator	44
Timber foil surfaces, NovoPort [®]	46

Sectional door Novoferm E[®] type iso 45

Product description / Vertical extension spring

Garage door leaf

Sections 45 mm thick, anti-pinch profile. Steel sections made of hot galvanized thin sheet, double-skinned, with PUR rigid foam core

(insulation value $k = 0.50 \text{ W/m}^2 \text{ K}$). Surface: Woodgrain design, smooth or microline (depending on type).

Sections prepared for mounting hardware, lock, floor profile, and floor seal.

Frame and frame panel

Angular frame side parts (with finger protection) and frame panel made of hot galvanized thin sheet. Surface: angular frame side parts smooth, frame panel smooth.

Seals: angular frame side parts and frame panel with EPDM seals. With galvanized bracket at the bottom of the frame to prevent frame from corrosion.

Accessories: Angle-frame cover-profiles in garage door colour, smooth.

Surface coating (base paint)

Garage door leaf:

Base paint based on polyester

Inside: grey white, similar to RAL 9002

Outside:

Standard: traffic white, similar to RAL 9016

Super Color (extra price):

Super Color and RAL of choice are final coated surfaces.

Steel blue

similar to RAL 5011

Moss green

similar to RAL 6005

Fir green

similar to RAL 6009

Anthracite grey

similar to RAL 7016

Light grey

similar to RAL 7035

Window grey

similar to RAL 7040

Ochre brown

similar to RAL 8001

Nut brown

similar to RAL 8011

Sepia brown

similar to RAL 8014

White aluminium

similar to RAL 9006

Grey aluminium

similar to RAL 9007

Special paint: RAL of choice (extra price)

Aluminium light strip standard colour:

Inside and outside: traffic white, similar to RAL 9016.

Special paint: Super Color and RAL of choice: Outside in garage-door-leaf colour. Glass clamping strips always in grey white, similar to RAL 9002.

Colours not available:

Luminous paints

RAL 1026, 2005, 2007, 3024, 3026

Pearl effect paints

RAL 1035, 1036, 2013, 3032, 3033, 4011, 4012, 5025, 5026, 6035, 6036, 7048, 8029, 9022, 9023

Dark colours (examples)

RAL 3007, 4006, 4007, 5004, 7021, 8022, 9004, 9005, 9011, 9017, 9021

(With these dark colours, solar radiation causes increased bending and the risk of foam separation)

Frame panel:

Base paint based on polyester

Standard: Outside traffic white, similar to RAL 9016.

Special paint: Outside in garage door colour

Angular frame side parts:

Base paint based on polyester

Standard: Outside traffic white, similar to RAL 9016.

Accessories: Angle-frame-cover-profile in garage door colour (Golden oak, Dark oak, Mahogany, Satin grey, Satin brown, Satin Dark grey either from Coil or painted in a similar RAL colour. Satin white, Winchester, Black oak and Moor oak will be painted in a similar RAL colour)

Counterbalance

Multiple safety extension spring assemblies arranged in the angular frame with double steel cables and deflection pulleys mounted on bearings

Garage door lock and hardware

Standard scope of supply without plastic handle and special lock.

Available with lock pack and lock cut-out at the factory on request.

Locking existing of: Lock pack (black plastic handle with Safety profile half cylinder DPC 30.5/10; 40.5 mm long; lever 25° lower left, in accordance with DIN 18252), locking bar and lock cut out. **Galvanized steel hinges and rope fastenings.**

Garage doors with operator but without 2nd entrance:

Emergency unlocking cylinder Extra 315 required

Manual operated doors:

Locking packaged required

NovoPort[®] – automatic garage-door system

Technical data:

24 V DC-motor, connection 230 V/50 Hz, 240 watt, maximum push and pull 550 N, tested according to Garage Doors Product Standard DIN EN 13241-1, CE mark

Control electronics: Menu-guided control with diagnostics display, economy circuit,

power consumption in standby mode: only 0,5 W

soft start/stop, automatic power limit with 2-processor safety technology, separately adjustable automatic shutdown device for both directions, reference-point limit shutdown, running time limiter, right/left mounting possible.

Hardware:

Digital KeeLoq remote control, 433 MHz,

with 2- channel mini hand transmitter, **up to 30 codes storeable** background-lighted wall switch in control housing, integrated LED light (1,6W), lighting time 60 s to 4 min or programmable warning light, connection possibility for external lighting or warning light up to 500 W, quick unlocking inside. Power transmission via toothed belt.

Optional: with additional module also useable via APP „Tydom“

Scope of delivery

Standard – dis-assembled: Section packet, Frame packet, Operator packet (when NovoPort[®])

By using Novomatic operators a telescopic console is necessary

10 years manuf. guarantee Safe operation of the door (max. 50.000 cycles)
Door leaf (sections) against rust from inside out
Separation of steel from foam
Bottom-, middle-, side- and lintel sealings

5 years manuf. guarantee Adhesion of colour / timber foil with regards to finished surfaces; corrosion protection and light fastness in domestic markets (minor colour deviations are excluded from this); wooden door-leaves ;
Locks, hinges, springs, bearings, rollers, cable pulleys and cables in case of normal usage*;
Mechanical parts operator and operator control

2 years manuf. guarantee Radio control and accessories of operators

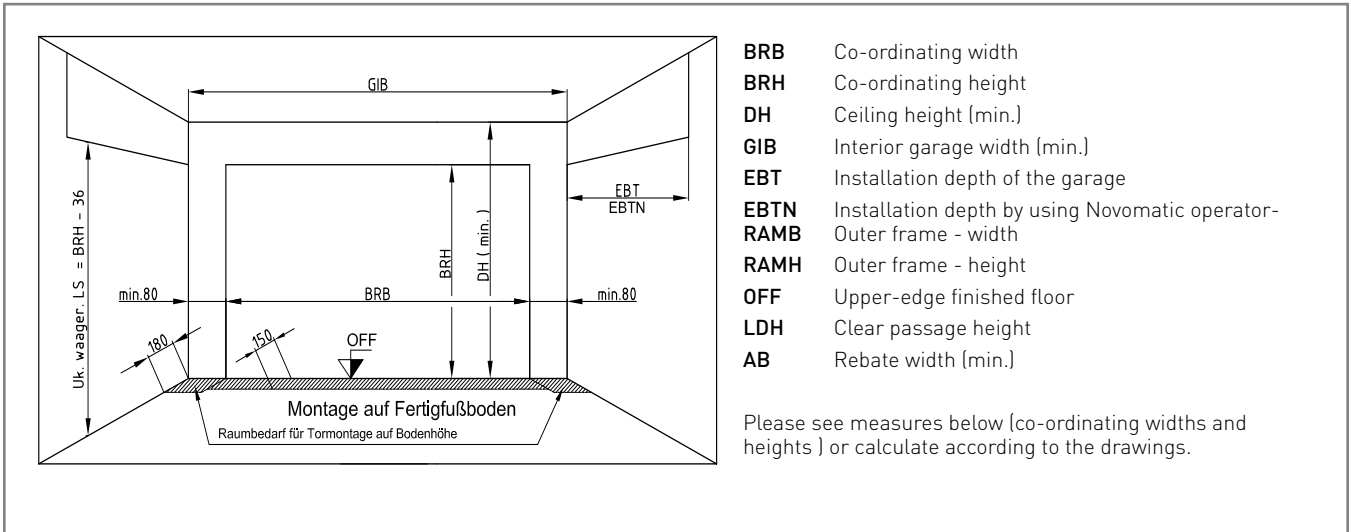
*up to 25.000 cycles

Sectional door Novoferm E[®] type iso 45

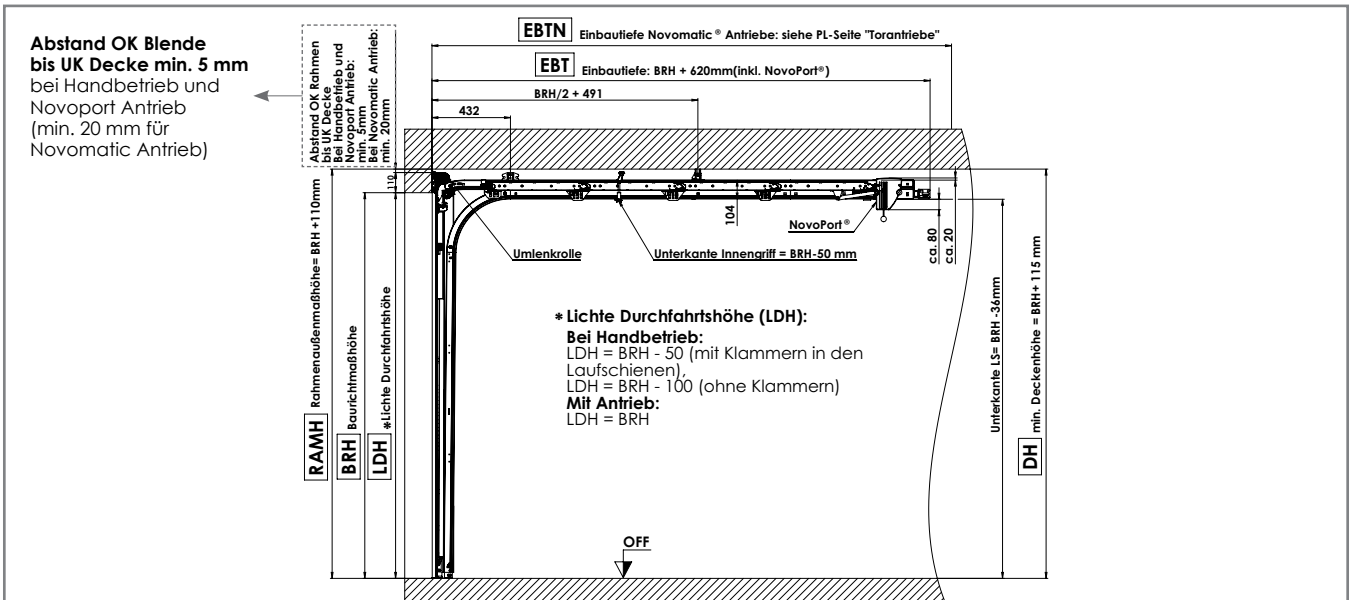


Technics / Vertical extension spring

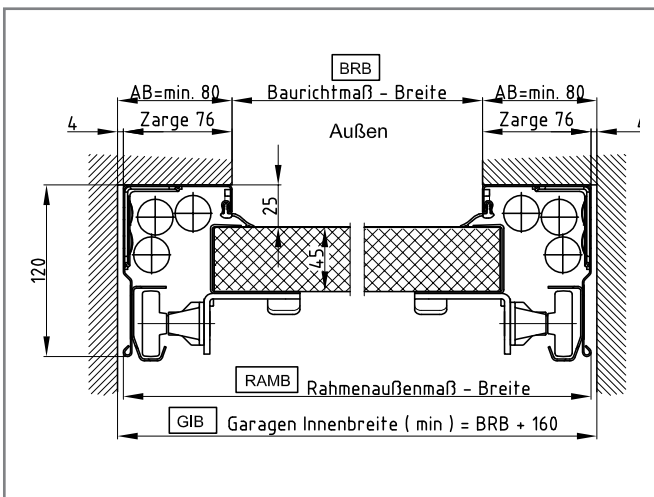
Installation dimensions



Vertical extension spring arrangement



Horizontal cut through the door



Co-ordinating widths and heights

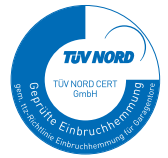
BRB	RAMB	GIB	BRH	RAMH	DH min.	EBT
2125	2277	2285	1875	1985	1990	2495
2250	2402	2410	2000	2110	2115	2620
2375	2527	2535	2125	2235	2240	2745
2500	2652	2660	2250	2360	2365	2870
2625	2777	2785	2375	2485	2490	2995
2750	2902	2910	2500	2610	2615	3120
2875	3027	3035	2625	2735	2740	3245
3000	3152	3160	2750	2860	2865	3370

Special heights are only available in 25 mm steps.
 Special widths in 5 mm steps.

All dimensions in mm.

Sectional door Novoferm E[®] type iso 45

Product description / Torsion spring



Garage door leaf

Sections 45 mm thick, anti-pinch profile. Steel sections made of hot galvanized thin sheet, double-skinned, with PUR rigid foam core

(insulation value $k = 0.50 \text{ W/m}^2 \text{ K}$). Surface: Woodgrain design, smooth or microline (depending on type).

Sections prepared for mounting hardware, lock, floor profile, and floor seal.

Frame and frame panel

Angular frame side parts (with finger protection) and frame panel made of hot galvanized thin sheet. Surface: angular frame side parts smooth, frame panel smooth.

Seals: angular frame side parts and frame panel with EPDM seals. With galvanized bracket at the bottom of the frame to prevent frame from corrosion.

Accessories: Angle-frame cover-profiles in garage door colour, smooth.

Surface coating (base paint)

Garage door leaf:

Base paint based on polyester

Inside: grey white, similar to RAL 9002

Outside:

Standard: traffic white, similar to RAL 9016

Super Color (extra price):

Super Color and RAL of choice are final coated surfaces

Steel blue similar to RAL 5011

Moss green similar to RAL 6005

Fir green similar to RAL 6009

Anthrax grey similar to RAL 7016

Light grey similar to RAL 7035

Window grey similar to RAL 7040

Ochre brown similar to RAL 8001

Nut brown similar to RAL 8011

Sepia brown similar to RAL 8014

White aluminium similar to RAL 9006

Grey aluminium similar to RAL 9007

Special paint: RAL of choice (extra price)

Aluminium light strip standard colour:

Inside and outside: traffic white, similar to RAL 9016.

Special paint: Super Color and RAL of choice: Outside in garage-door-leaf colour. Glass clamping strips always in grey white, similar to RAL 9002.

Colours not available:

Luminous paints

RAL 1026, 2005, 2007, 3024, 3026

Pearl effect paints

RAL 1035, 1036, 2013, 3032, 3033, 4011, 4012, 5025, 5026, 6035, 6036, 7048, 8029, 9022, 9023

Dark colours (examples)

RAL 3007, 4006, 4007, 5004, 7021, 8022, 9004, 9005, 9011, 9017, 9021

(With these dark colours, solar radiation causes increased bending and the risk of foam separation)

Frame panel:

Base paint based on polyester

Standard: Outside traffic white, similar to RAL 9016.

Special paint: Outside in garage door colour

Angular frame side parts:

Base paint based on polyester

Standard: Outside traffic white, similar to RAL 9016.

Accessories: Angle-frame-cover-profile in garage door colour (Golden oak, Dark oak, Mahogany, Satin grey, Satin brown, Satin Dark grey either from Coil or painted in a similar RAL colour. Satin white, Winchester, Black oak and Moor oak will be painted in a similar RAL colour)

Counter balance

Standard: Front-mounted torsion spring shaft (FM), with galvanized torsion springs, tested

spring brake safety feature in accordance with DIN EN 12604 and steel ropes inside.

Special equipment: Rear-mounted torsion spring shaft (RM, low-header hardware)

Garage door lock and hardware

Standard scope of supply without plastic handle and special lock.

Available with lock pack and lock cut-out at the factory on request.

Locking existing of: Lock pack (black plastic handle with Safety profile half cylinder DPC 30.5/10; 40.5 mm long; lever 25° lower left, in accordance with DIN 18252), locking bar and lock cut out. **Galvanized steel hinges and rope fastenings.**

Garage doors with operator but without 2nd entrance:

Emergency unlocking cylinder Extra 315 required

Manual operated doors:

Locking packaged required

NovoPort[®] – automatic door system

Technical data:

24 V DC-motor, connection 230 V/50 Hz, 240 watt, maximum push and pull 550 N, tested according to Garage Doors Product Standard DIN EN 13241-1, CE mark

Control electronics: Menu-guided control with diagnostics display, economy circuit,

power consumption in standby mode: only 0,5 W

soft start/stop, automatic power limit with 2-processor safety technology, separately adjustable automatic shutdown device for both directions, reference-point limit shutdown, running time limiter, right/left mounting possible.

Hardware:

Digital KeeLoq remote control, 433 MHz,

with 2- channel mini hand transmitter, (up to 30 codes storeable) background-lighted wall switch in control housing, integrated LED light (1,6W), lighting time 60 s to 4 min or programmable warning light, connection possibility for external lighting or warning light up to 500 W, quick unlocking inside. Power transmission via toothed belt.

Optional: with additional module also useable via APP „Tydom“

Scope of delivery

Standard – dis-assembled: Section packet, Frame packet, Operator packet (when NovoPort[®])

By using Novomatic operators a telescopic console is necessary

10 years manuf. guarantee Safe operation of the door (max. 50.000 cycles)
Door leaf (sections) against rust from inside out
Separation of steel from foam
Bottom-, middle-, side- and lintel sealings

5 years manuf. guarantee Adhesion of colour / timber foil with regards to finished surfaces; corrosion protection and light fastness in domestic markets (minor colour deviations are excluded from this); wooden door-leaves ;
Locks, hinges, springs, bearings, rollers, cable pulleys and cables in case of normal usage*;
Mechanical parts operator and operator control

2 years manuf. guarantee Radio control and accessories of operators

*up to 25.000 cycles

Sectional door Novoferm E[®] type iso 45

Product description / Torsion spring



Installation dimensions

Uk. waager. LS = BRH - 36
min. 80
180
150
OFF
Montage auf Fertigfußboden
Raumbedarf für Tormontage auf Bodenhöhe

BRB Co-ordinating width
BRH Co-ordinating height
DH Ceiling height (min.)
GIB Interior garage width (min.)
EBT Installation depth of the garage
EBTN Installation depth by using Novomatic operator
AMB Outer frame - width
RAMH Outer frame - height
OFF Upper-edge finished floor
LDH Clear passage height
AB Rebate width (min.)

Please see measures below (co-ordinating widths and heights) or calculate according to the drawings.

Front mounted Torsion springs (FM)

EBTN Einbauliefe Novomatic® Antriebe: siehe PL-Seite "Torantriebe"
EBT-VL Einbauliefe: BRH + 620 mm (inkl. NovoPar®)
BRH/2 + 491
432
NovoPar®
Unterkannte Innenprofil = BRH - 50 mm
20.00
20.00
20.00

*** Lichte Durchfahrhöhe (LDH):**
Bei Handbetrieb:
LDH = BRH - 50 (mit Klammern in den Laufschienen)
LDH = BRH - 100 (ohne Klammern)
Mit Antrieb:
LDH = BRH

Bei Einsatz eines Verstärkungsprofils sowie bei Toren mit Schlupf für gilt:
LDH = BRH - 80

RAMH Rahmenaußenmaßhöhe = BRH + 210 mm
BRH Bauhöhe
LDH * Lichte Durchfahrhöhe
DHVL min. Deckenhöhe = BRH + 215 mm
Unterkannte LS = BRH - 36 mm

Rear mounted Torsion springs (RM)

EBTN Einbauliefe Novomatic® Antriebe: siehe PL-Seite "Torantriebe"
EBT-HL Einbauliefe: BRH + 750 mm (inkl. NovoPar®)
BRH + 620
432
NovoPar®
Unterkannte Innenprofil = BRH - 50 mm
20.00
20.00
20.00

*** Lichte Durchfahrhöhe (LDH):**
Bei Handbetrieb:
LDH = BRH - 50 (mit Klammern in den Laufschienen)
LDH = BRH - 100 (ohne Klammern)
Mit Antrieb:
LDH = BRH

Bei Einsatz eines Verstärkungsprofils sowie bei Toren mit Schlupf für gilt:
LDH = BRH - 80

RAMH Rahmenaußenmaßhöhe = BRH + 110 mm
BRH Bauhöhe
LDH * Lichte Durchfahrhöhe
DHVL min. Deckenhöhe = BRH + 115 mm
Unterkannte LS = BRH - 36 mm

Horizontal cut through the door

(Winkelzarge) **BRB** (verstärkte Winkelzarge)
AB = min. 80
Baurichtmaß - Breite
AB = min. 90
4
Zarge 76
55
76
min. 14
120
RAMB Rahmenaußenmaß - Breite
GIB Garagen Innenbreite (min)

Co-ordinating widths and heights

BRB	RAMB	GIB n. reinf.	BRH	RAMH		DH		EBT	
				VL	HL	VL	HL	VL	HL
2250	2402	2410	1875	2083	1985	2088	1990	2495	2625
2375	2527	2535	2000	2208	2110	2213	2115	2620	2750
2500	2652	2660	2125	2333	2235	2338	2240	2745	2875
2625	2777	2785	2250	2458	2360	2463	2365	2870	3000
2750	2902	2910	2375	2583	2485	2588	2490	2995	3125
2875	3027	3035	2500	2708	2610	2713	2615	3120	3250
3000	3152	3160	2625	2833	2735	2838	2740	3245	3375
4000	4152	4160	2750	2958	2860	2963	2865	3370	3500
4500	4652	4660	2875	3083	2985	3088	2990	3495	3625
5000	5152	5160	3000	3208	3110	3213	3115	3620	3750
5500	5652	5660	3125	3333	3235	3338	3240	3745	3875

Special heights are only possible in 25 mm steps. Special widths in 5 mm steps.

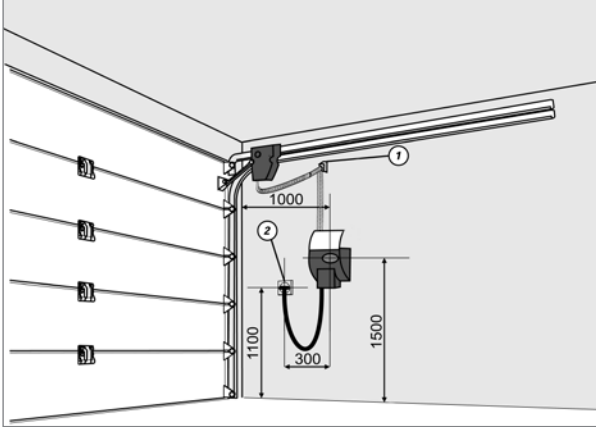
All dimensions in mm.

Technics

Installation examples

Standard-Installation

Operator in the right garage door track
Control box mounted on the right wall

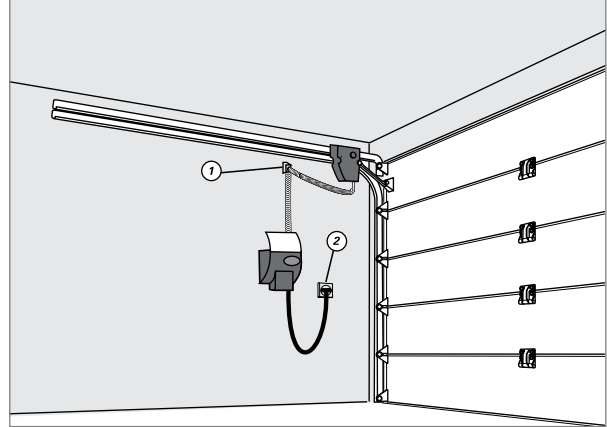


(1) Wall fastening

(2) Mains socket

Standard-Installation

Operator in the left garage door track
Control box mounted on the left wall

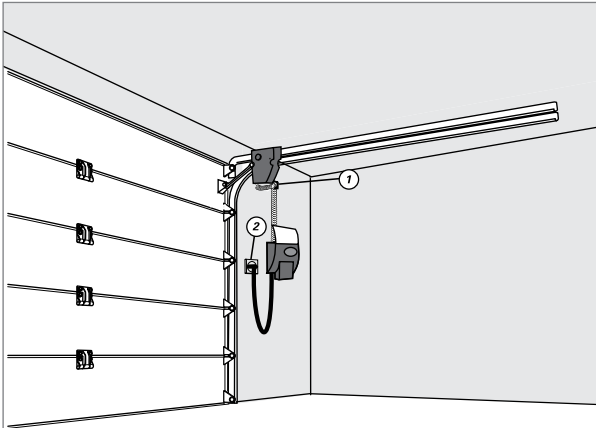


(1) Wall fastening

(2) Mains socket

Standard-Installation

Operator in the right garage door track
Control box next to the door

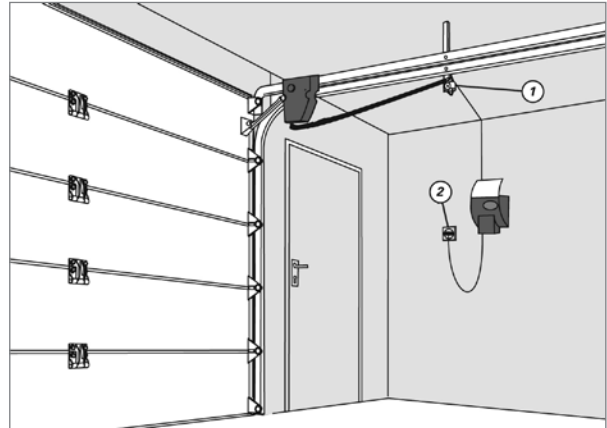


(1) Wall fastening

(2) Mains socket

Installation with cable extension

Operator in the right garage door track
Control box mounted on the right wall with cable extension



(1) Wall fastening

(2) Mains socket

Sectional door Novoferm E[®] type iso 45



Details

Section pattern

Co-ord. height (in mm)	Number of sections	Section heights (standard pattern)						Distance between the ribs	
		Bottom section	Locking section	Middle section 1	Middle section 2	Middle section 3	Head section	Horizontal rib	Large rib
3125	6	525	525	525	525	525	500	131/ 125	263/ 250
3000	6	500	500	500	500	500	500	125	250
2875	6	500	500	500	450	450	450	125/ 113	250/ 225
2750	6	500	450	450	450	450	450	125/ 113	250/ 225
2625	5	525	525	525	525		525	131	263
2500	5	500	500	500	500		500	125	250
2375	5	500	500	450	450		450	125/ 113	250/ 225
2250	5	450	450	450	450		450	113	225
2175	5	450	450	450	450		450	113	225
2125	4	525	525	525			525	131	263
2075	4	525	525	525			500	131/ 125	263/ 250
2050	4	525	525	500			500	131/ 125	263/ 250
2000	4	500	500	500			500	125	250
1925	4	500	500	450			450	125/ 113	250/ 225
1875	4	500	450	450			450	125/ 113	250/ 225

All dimensions in mm.

Corresponding colours (for windows, light strips and aluminium profiles)

Surfaces	Corresponding colour
Golden oak	similar to RAL 8007
Dark oak	similar to RAL 8028
Mahagony	mixture colour
Winchester	similar to RAL 8001
Black oak	similar to RAL 8022
Moor oak	similar to RAL 8022
Satin white	similar to RAL 9016
Satin grey	mixture colour
Satin Dark grey	similar to RAL 7016
Satin brown	similar to RAL 8014
Satin window grey	similar to RAL 7040

Final coating

All doors which are painted according to our Super Color chart or RAL of Choice are final coated.

The satin surfaces and timber foil coated surfaces are final coated as well.

Reinforcement set for garage door leaf

Deflection of sandwich elements due to solar radiation is a physically unavoidable process. Due to this reason, we advise you, to consider the position of the door. Use light colours if the door is exposed to the sun.

If the door will be installed against our proposal, it can be possible that the door panels will deform by up to 40 mm to the outside (depending on type, motive and door dimension).

To minimize a possible door leaf deflection, we optionally offer a section reinforcement set for sectional doors from co-ordin.width 4000 mm (maximum 1 set per door/ technical clarification required)

Sectional door Novoferm E® type iso 45

Horizontal rib (without operator / with NovoPort®)

Horizontal rib



Woodgrain



Super Color



NovoPort®-System



Standard sizes with Extension spring

Order size, Co-ord.size		Woodgrain, without operator		Woodgrain, with NovoPort®	
Width x Height in mm		Standard white €/piece	Super Color €/piece	Standard white €/piece	Super Color €/piece
2190 x	1925	1075,-	1193,-	1454,-	1572,-
	2050	1075,-	1201,-	1454,-	1580,-
2250 x	1875	1044,-	1162,-	1423,-	1541,-
	2000	1075,-	1201,-	1454,-	1580,-
	2125	1075,-	1209,-	1454,-	1588,-
2315 x	1925	1044,-	1169,-	1423,-	1548,-
	2050	1044,-	1177,-	1423,-	1556,-
	2175	1104,-	1245,-	1483,-	1624,-
2375 x	1875	1044,-	1169,-	1423,-	1548,-
	2000	1044,-	1177,-	1423,-	1556,-
	2125	1044,-	1185,-	1423,-	1564,-
	2250	1064,-	1214,-	1443,-	1593,-
2440 x	2375	1122,-	1280,-	1501,-	1659,-
	1925	1044,-	1176,-	1423,-	1555,-
	2050	1044,-	1184,-	1423,-	1563,-
	2175	1104,-	1253,-	1483,-	1632,-
2500 x	1875	1044,-	1175,-	1423,-	1554,-
	2000	1044,-	1184,-	1423,-	1563,-
	2125	1044,-	1193,-	1423,-	1572,-
	2250	1064,-	1222,-	1443,-	1601,-
	2375	1122,-	1288,-	1501,-	1667,-
	2500	1122,-	1297,-	1501,-	1676,-
2625 x	2750	1302,-	1495,-	1681,-	1874,-
	2125	1185,-	1341,-	1564,-	1720,-
	2750 x	2000	1202,-	1356,-	1581,-
2750 x	2125	1240,-	1404,-	1619,-	1783,-
	2250	1248,-	1421,-	1627,-	1800,-
	2750	1353,-	1565,-	1732,-	1944,-
	2940 x	2050	1350,-	1519,-	1729,-
3000 x	2000	1353,-	1521,-	1732,-	1900,-
	2125	1350,-	1529,-	1729,-	1908,-
	2250	1363,-	1552,-	1742,-	1931,-
	2375	1398,-	1598,-	1777,-	1977,-
	2500	1457,-	1667,-	1836,-	2046,-

Extra price for standard size with Torsion spring + € 65,-

Standard sizes with Torsion spring

Order size, Co-ord.size		Woodgrain, without operator		Woodgrain, with NovoPort®	
Width x Height in mm		Standard white €/piece	Super Color €/piece	Standard white €/piece	Super Color €/piece
3000 x	3000	1773,-	2025,-	2152,-	2404,-
3250 x	2000	1363,-	1545,-	1742,-	1924,-
	2125	1401,-	1594,-	1780,-	1973,-
	2250	1433,-	1638,-	1812,-	2017,-
3500 x	2000	1456,-	1652,-	1835,-	2031,-
	2125	1492,-	1700,-	1871,-	2079,-
	2250	1526,-	1747,-	1905,-	2126,-
3750 x	2000	1538,-	1748,-	1917,-	2127,-
	2125	1583,-	1806,-	1962,-	2185,-
	2250	1617,-	1853,-	1996,-	2232,-
4000 x	2000	1624,-	1848,-	2003,-	2227,-
	2125	1671,-	1909,-	2050,-	2288,-
	2250	1708,-	1960,-	2087,-	2339,-
4250 x	2000	1713,-	1951,-	2092,-	2330,-
	2125	1766,-	2019,-	2145,-	2398,-
	2250	1805,-	2073,-	2184,-	2452,-
4500 x	2000	1805,-	2057,-	2184,-	2436,-
	2125	1859,-	2127,-	2238,-	2506,-
	2250	1897,-	2181,-	2276,-	2560,-
4750 x	2000	1861,-	2127,-	2240,-	2506,-
	2125	1917,-	2200,-	2296,-	2579,-
	2250	1953,-	2252,-	2332,-	2631,-
5000 x	2000	1917,-	2197,-	2296,-	2576,-
	2125	1958,-	2256,-	2337,-	2635,-
	2250	1998,-	2313,-	2377,-	2692,-
5500 x	2000	2055,-	2363,-	2434,-	2742,-
	2125	2109,-	2436,-	2488,-	2815,-
	2250	2165,-	2512,-	2544,-	2891,-

Renovation sizes

Sectional door Novoferm E® type iso 45



Horizontal rib (without operator / with NovoPort®)

Special sizes																
Woodgrain, without operator		For fractional heights: next standard size up + € 99,- (only possible in steps of 25 mm) Basic price for standard white sim. to RAL 9016. Prices for Super Color are marked blue.														
Co-ordinating height (fractional heights are only possible in steps of 25 mm)	3125	1735,-	1790,-	1840,-	2019,-	2211,-	2232,-	2375,-	2434,-	2571,-	2751,-	2923,-	3051,-	3216,-		
		1932,-	1998,-	2059,-	2260,-	2474,-	2516,-	2681,-	2762,-	2921,-	3123,-	3317,-	3467,-	3654,-		
	3000	1652,-	1705,-	1751,-	1929,-	2121,-	2151,-	2297,-	2340,-	2439,-	2622,-	2796,-	2923,-	3085,-	3261,-	
		1841,-	1905,-	1961,-	2160,-	2373,-	2424,-	2591,-	2655,-	2775,-	2979,-	3174,-	3322,-	3505,-	3702,-	
	2875	1588,-	1628,-	1671,-	1852,-	2039,-	2081,-	2208,-	2244,-	2340,-	2514,-	2682,-	2806,-	2961,-	3129,-	
		1769,-	1819,-	1872,-	2073,-	2281,-	2343,-	2490,-	2546,-	2662,-	2856,-	3044,-	3188,-	3364,-	3552,-	
	2750	1371,-	1415,-	1459,-	1713,-	1902,-	2014,-	2122,-	2151,-	2245,-	2411,-	2571,-	2688,-	2835,-	2996,-	3112,-
		1544,-	1598,-	1652,-	1925,-	2133,-	2264,-	2392,-	2440,-	2553,-	2738,-	2918,-	3054,-	3220,-	3400,-	3536,-
	2625	1302,-	1340,-	1375,-	1595,-	1761,-	1942,-	2064,-	2099,-	2149,-	2309,-	2462,-	2572,-	2714,-	2868,-	2977,-
		1467,-	1515,-	1559,-	1797,-	1982,-	2181,-	2321,-	2375,-	2443,-	2621,-	2793,-	2921,-	3082,-	3254,-	3381,-
	2500	1265,-	1300,-	1328,-	1519,-	1690,-	1872,-	2017,-	2035,-	2100,-	2245,-	2344,-	2450,-	2586,-	2734,-	2838,-
		1423,-	1466,-	1503,-	1712,-	1900,-	2100,-	2262,-	2298,-	2380,-	2543,-	2659,-	2783,-	2936,-	3102,-	3223,-
	2375	1227,-	1260,-	1283,-	1456,-	1623,-	1799,-	1952,-	1985,-	2047,-	2177,-	2299,-	2369,-	2463,-	2601,-	2702,-
		1377,-	1418,-	1449,-	1639,-	1823,-	2015,-	2185,-	2234,-	2313,-	2460,-	2598,-	2685,-	2796,-	2950,-	3068,-
2250	1194,-	1224,-	1259,-	1430,-	1604,-	1761,-	1917,-	1934,-	1998,-	2121,-	2225,-	2283,-	2339,-	2472,-	2570,-	
	1336,-	1374,-	1417,-	1603,-	1793,-	1966,-	2138,-	2170,-	2250,-	2389,-	2509,-	2582,-	2654,-	2803,-	2917,-	
2125	1192,-	1221,-	1238,-	1411,-	1583,-	1710,-	1860,-	1875,-	1948,-	2058,-	2143,-	2219,-	2269,-	2394,-	2487,-	
	1326,-	1362,-	1387,-	1575,-	1762,-	1903,-	2068,-	2098,-	2186,-	2311,-	2411,-	2502,-	2567,-	2706,-	2814,-	
2000	1159,-	1193,-	1225,-	1394,-	1562,-	1665,-	1811,-	1818,-	1894,-	1998,-	2074,-	2148,-	2205,-	2330,-	2421,-	
	1285,-	1326,-	1365,-	1548,-	1730,-	1847,-	2007,-	2028,-	2118,-	2236,-	2326,-	2414,-	2485,-	2624,-	2729,-	
1875	1120,-	1158,-	1193,-	1345,-	1519,-	1618,-	1759,-	1763,-	1842,-	1926,-	2002,-	2074,-	2147,-	2268,-	2356,-	
	1238,-	1283,-	1324,-	1489,-	1677,-	1789,-	1943,-	1960,-	2052,-	2149,-	2238,-	2323,-	2410,-	2544,-	2645,-	
Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	
Co-ordinating width (possible in 5 mm steps; widths below 2250 mm on request)																
Special sizes with Torsion spring + € 65,-																

Special sizes																
Woodgrain, with NovoPort®		For fractional heights: next standard size up + € 99,- (only possible in steps of 25 mm) Basic price for standard white sim. to RAL 9016. Prices for Super Color are marked blue.														
Co-ordinating height (fractional heights are only possible in steps of 25 mm)	3125	2114,-	2169,-	2219,-	2398,-	2590,-	2611,-	2754,-	2813,-	2950,-	3130,-	3302,-	3430,-	3595,-		
		2311,-	2377,-	2438,-	2639,-	2853,-	2895,-	3060,-	3141,-	3300,-	3502,-	3696,-	3846,-	4033,-		
	3000	2031,-	2084,-	2130,-	2308,-	2500,-	2530,-	2676,-	2719,-	2818,-	3001,-	3175,-	3302,-	3464,-	3640,-	
		2220,-	2284,-	2340,-	2539,-	2752,-	2803,-	2970,-	3034,-	3154,-	3358,-	3553,-	3701,-	3884,-	4081,-	
	2875	1967,-	2007,-	2050,-	2231,-	2418,-	2460,-	2587,-	2623,-	2719,-	2893,-	3061,-	3185,-	3340,-	3508,-	
		2148,-	2198,-	2251,-	2452,-	2660,-	2722,-	2869,-	2925,-	3041,-	3235,-	3423,-	3567,-	3743,-	3931,-	
	2750	1750,-	1794,-	1838,-	2092,-	2281,-	2393,-	2501,-	2530,-	2624,-	2790,-	2950,-	3067,-	3214,-	3375,-	3491,-
		1923,-	1977,-	2031,-	2304,-	2512,-	2643,-	2771,-	2819,-	2932,-	3117,-	3297,-	3433,-	3599,-	3779,-	3915,-
	2625	1681,-	1719,-	1754,-	1974,-	2140,-	2321,-	2443,-	2478,-	2528,-	2688,-	2841,-	2951,-	3093,-	3247,-	3356,-
		1846,-	1894,-	1938,-	2176,-	2361,-	2560,-	2700,-	2754,-	2822,-	3000,-	3172,-	3300,-	3461,-	3633,-	3760,-
	2500	1644,-	1679,-	1707,-	1898,-	2069,-	2251,-	2396,-	2414,-	2479,-	2624,-	2723,-	2829,-	2965,-	3113,-	3217,-
		1802,-	1845,-	1882,-	2091,-	2279,-	2479,-	2641,-	2677,-	2759,-	2922,-	3038,-	3162,-	3315,-	3481,-	3602,-
	2375	1606,-	1639,-	1662,-	1835,-	2002,-	2178,-	2331,-	2364,-	2426,-	2556,-	2678,-	2748,-	2842,-	2980,-	3081,-
		1756,-	1797,-	1828,-	2018,-	2202,-	2394,-	2564,-	2613,-	2692,-	2839,-	2977,-	3064,-	3175,-	3329,-	3447,-
2250	1573,-	1603,-	1638,-	1809,-	1983,-	2140,-	2296,-	2313,-	2377,-	2500,-	2604,-	2662,-	2718,-	2851,-	2949,-	
	1715,-	1753,-	1796,-	1982,-	2172,-	2345,-	2517,-	2549,-	2629,-	2768,-	2888,-	2961,-	3033,-	3182,-	3296,-	
2125	1571,-	1600,-	1617,-	1790,-	1962,-	2089,-	2239,-	2254,-	2327,-	2437,-	2522,-	2598,-	2648,-	2773,-	2866,-	
	1705,-	1741,-	1766,-	1954,-	2141,-	2282,-	2447,-	2477,-	2565,-	2690,-	2790,-	2881,-	2946,-	3085,-	3193,-	
2000	1538,-	1572,-	1604,-	1773,-	1941,-	2044,-	2190,-	2197,-	2273,-	2377,-	2453,-	2527,-	2584,-	2709,-	2800,-	
	1664,-	1705,-	1744,-	1927,-	2109,-	2226,-	2386,-	2407,-	2497,-	2615,-	2705,-	2793,-	2864,-	3003,-	3108,-	
1875	1499,-	1537,-	1572,-	1724,-	1898,-	1997,-	2138,-	2142,-	2221,-	2305,-	2381,-	2453,-	2526,-	2647,-	2735,-	
	1617,-	1662,-	1703,-	1868,-	2056,-	2168,-	2322,-	2339,-	2431,-	2528,-	2617,-	2702,-	2789,-	2923,-	3024,-	
Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	
Co-ordinating width (possible in 5 mm steps; widths below 2250 mm on request)																
Special sizes with Torsion spring + € 65																

Door sizes within the frame will be supplied with **Extension spring** as standard. Torsion spring needs to be ordered explicit.

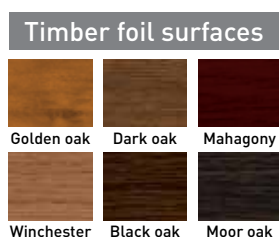
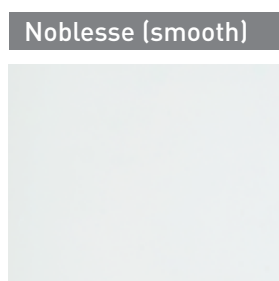
RAL of Choice (Standard- and special dimensions)
on the outside. Available colours see product description
Rear mount conversion kit (RM)
Reinforced frame (only in combination with Torsion spring)

per m² € 49,-
€ 73,-
€ 92,-

Pre-assembled garage door, max. up to 3000 x 2375 mm € 107,-
(with Extension spring only)
Lock and handle
Standard size, seen from inside right € 38,-
Standard size, seen from inside left or in the middle € 72,-
Special sizes € 38,-

Sectional door Novoferm E® type iso 45

Large rib (without operator)



Standard sizes with Extension spring							
Order size, Co-ord.size		Woodgrain		Noblesse (smooth)		Timber foil surfaces	Satin surfaces
Width x Height in mm		Standard white €/piece	Super Color €/piece	Standard white €/piece	Super Color €/piece	€/piece	€/piece
2190 x	1925	1075,-	1193,-	1350,-	1468,-	1350,-	1225,-
	2050	1075,-	1201,-	1350,-	1476,-	1350,-	1234,-
2250 x	1875	1044,-	1162,-	1329,-	1447,-	1329,-	1205,-
	2000	1075,-	1201,-	1350,-	1476,-	1350,-	1230,-
	2125	1075,-	1209,-	1350,-	1484,-	1350,-	1239,-
2315 x	1925	1044,-	1169,-	1328,-	1453,-	1328,-	1214,-
	2050	1044,-	1177,-	1330,-	1463,-	1330,-	1222,-
	2175	1104,-	1245,-	1383,-	1524,-	1383,-	1275,-
2375 x	1875	1044,-	1169,-	1329,-	1454,-	1329,-	1210,-
	2000	• 1044,-	1177,-	1328,-	1461,-	1328,-	1220,-
	2075	1044,-	1182,-	1328,-	1466,-	1328,-	1224,-
	2125	• 1044,-	1185,-	1328,-	1469,-	1328,-	³⁾ • 1228,-
	2250	1064,-	1214,-	1383,-	1533,-	1383,-	1281,-
	2375	1122,-	1280,-	1457,-	1615,-	1457,-	1332,-
2440 x	1925	1044,-	1176,-	1328,-	1460,-	1328,-	1221,-
	2050	1044,-	1184,-	1330,-	1470,-	1330,-	1228,-
	2175	1104,-	1253,-	1383,-	1532,-	1383,-	1282,-
2500 x	1875	1044,-	1175,-	1329,-	1460,-	1329,-	1217,-
	2000	• 1044,-	1184,-	1330,-	1470,-	1330,-	1226,-
	2075	1044,-	1189,-	1330,-	1475,-	1330,-	1230,-
	2125	• 1044,-	1193,-	1328,-	1477,-	²⁾ • 1328,-	¹⁾ • 1235,-
	2250	1064,-	1222,-	1383,-	1541,-	1383,-	1288,-
	2375	1122,-	1288,-	1469,-	1635,-	1469,-	1366,-
	2500	1122,-	1297,-	1469,-	1644,-	1469,-	1373,-
	2750	1302,-	1495,-	1704,-	1897,-	1704,-	1628,-
2625 x	2125	1185,-	1341,-	1529,-	1685,-	1529,-	1401,-
2750 x	2000	1202,-	1356,-	1502,-	1656,-	1502,-	1377,-
	2125	1240,-	1404,-	1564,-	1728,-	1564,-	1438,-
	2250	1248,-	1421,-	1600,-	1773,-	1600,-	1476,-
	2750	1353,-	1565,-	1706,-	1918,-	1706,-	1528,-
2940 x	2050	1350,-	1519,-	1721,-	1890,-	1721,-	1568,-
3000 x	2000	1353,-	1521,-	1723,-	1891,-	1723,-	1566,-
	2125	1350,-	1529,-	1721,-	1900,-	1721,-	1574,-
	2250	1363,-	1552,-	1737,-	1926,-	1737,-	1600,-
	2375	1398,-	1598,-	1815,-	2015,-	1815,-	1673,-
	2500	1457,-	1667,-	1896,-	2106,-	1896,-	1748,-

Extra price for standard size with Torsion spring + € 65,-

Standard sizes with Torsion spring							
Order size, Co-ord.size		Woodgrain		Noblesse (smooth)		Timber foil surfaces	Satin surfaces
Width x Height in mm		Standard white €/piece	Super Color €/piece	Standard white €/piece	Super Color €/piece	€/piece	€/piece
3000 x	3000	1773,-	2025,-	2303,-	2555,-	2303,-	2117,-
	3250 x	2000	1363,-	1545,-	1826,-	2008,-	1826,-
3500 x	2125	1401,-	1594,-	1877,-	2070,-	1877,-	1713,-
	2250	1433,-	1638,-	1933,-	2138,-	1933,-	1770,-
	2000	1456,-	1652,-	1946,-	2142,-	1946,-	1769,-
3750 x	2125	1492,-	1700,-	1998,-	2206,-	1998,-	1824,-
	2250	1526,-	1747,-	2058,-	2279,-	2058,-	1886,-
	2000	1538,-	1748,-	1992,-	2202,-	1992,-	1820,-
4000 x	2125	1583,-	1806,-	2056,-	2279,-	2056,-	1885,-
	2250	1617,-	1853,-	2117,-	2353,-	2117,-	1947,-
	2000	1624,-	1848,-	2096,-	2320,-	2096,-	1917,-
4250 x	2125	1671,-	1909,-	2150,-	2388,-	2150,-	1973,-
	2250	1708,-	1960,-	2223,-	2475,-	2223,-	2047,-
	2000	1713,-	1951,-	2190,-	2428,-	2190,-	2003,-
4500 x	2125	1766,-	2019,-	2257,-	2510,-	2257,-	2073,-
	2250	1805,-	2073,-	2324,-	2592,-	2324,-	2141,-
	2000	1805,-	2057,-	2303,-	2555,-	2303,-	2107,-
4750 x	2125	1859,-	2127,-	2376,-	2644,-	2376,-	2182,-
	2250	1897,-	2181,-	2430,-	2714,-	2430,-	2240,-
	2000	1861,-	2127,-	2353,-	2619,-	2353,-	2160,-
5000 x	2125	1917,-	2200,-	2429,-	2712,-	2429,-	2238,-
	2250	1953,-	2252,-	2501,-	2800,-	2501,-	2311,-
	2000	1917,-	2197,-	2447,-	2727,-	2447,-	2248,-
5500 x	2125	• 1958,-	2256,-	2511,-	2809,-	2511,-	2317,-
	2250	• 1998,-	2313,-	2578,-	2893,-	2578,-	2389,-
	2000	2055,-	2363,-	2645,-	2953,-	2645,-	2432,-
2250	2109,-	2436,-	2716,-	3043,-	2716,-	2508,-	
	2165,-	2512,-	2788,-	3135,-	2788,-	2585,-	

Renovation sizes

• Without lock and handle on stock no dot = note production time
¹⁾ Satin white, Satin grey, Satin Dark grey and Satin window grey without lock on stock
²⁾ Golden oak and Dark oak without lock on stock
³⁾ Satin grey without lock on stock

Sectional door Novoferm E® type iso 45



Large rib (without operator)

Special sizes																
Woodgrain																
For fractional heights: next standard size up + € 99,- (only possible in steps of 25 mm) Basic price for standard white sim. to RAL 9016. Prices for Super Color are marked blue.																
Co-ordinating height (fractional heights are only possible in steps of 25 mm)	3125	1735,-	1790,-	1840,-	2019,-	2211,-	2232,-	2375,-	2434,-	2571,-	2751,-	2923,-	3051,-	3216,-		
		1932,-	1998,-	2059,-	2260,-	2474,-	2516,-	2681,-	2762,-	2921,-	3123,-	3317,-	3467,-	3654,-		
	3000	1652,-	1705,-	1751,-	1929,-	2121,-	2151,-	2297,-	2340,-	2439,-	2622,-	2796,-	2923,-	3085,-	3261,-	
		1841,-	1905,-	1961,-	2160,-	2373,-	2424,-	2591,-	2655,-	2775,-	2979,-	3174,-	3322,-	3505,-	3702,-	
	2875	1588,-	1628,-	1671,-	1852,-	2039,-	2081,-	2208,-	2244,-	2340,-	2514,-	2682,-	2806,-	2961,-	3129,-	
		1769,-	1819,-	1872,-	2073,-	2281,-	2343,-	2490,-	2546,-	2662,-	2856,-	3044,-	3188,-	3364,-	3552,-	
	2750	1371,-	1415,-	1459,-	1713,-	1902,-	2014,-	2122,-	2151,-	2245,-	2411,-	2571,-	2688,-	2835,-	2996,-	3112,-
		1544,-	1598,-	1652,-	1925,-	2133,-	2264,-	2392,-	2440,-	2553,-	2738,-	2918,-	3054,-	3220,-	3400,-	3536,-
	2625	1302,-	1340,-	1375,-	1595,-	1761,-	1942,-	2064,-	2099,-	2149,-	2309,-	2462,-	2572,-	2714,-	2868,-	2977,-
		1467,-	1515,-	1559,-	1797,-	1982,-	2181,-	2321,-	2375,-	2443,-	2621,-	2793,-	2921,-	3082,-	3254,-	3381,-
	2500	1265,-	1300,-	1328,-	1519,-	1690,-	1872,-	2017,-	2035,-	2100,-	2245,-	2344,-	2450,-	2586,-	2734,-	2838,-
		1423,-	1466,-	1503,-	1712,-	1900,-	2100,-	2262,-	2298,-	2380,-	2543,-	2659,-	2783,-	2936,-	3102,-	3223,-
	2375	1227,-	1260,-	1283,-	1456,-	1623,-	1799,-	1952,-	1985,-	2047,-	2177,-	2299,-	2369,-	2463,-	2601,-	2702,-
		1377,-	1418,-	1449,-	1639,-	1823,-	2015,-	2185,-	2234,-	2313,-	2460,-	2598,-	2685,-	2796,-	2950,-	3068,-
2250	1194,-	1224,-	1259,-	1430,-	1604,-	1761,-	1917,-	1934,-	1998,-	2121,-	2225,-	2283,-	2339,-	2472,-	2570,-	
	1336,-	1374,-	1417,-	1603,-	1793,-	1966,-	2138,-	2170,-	2250,-	2389,-	2509,-	2582,-	2654,-	2803,-	2917,-	
2125	1192,-	1221,-	1238,-	1411,-	1583,-	1710,-	1860,-	1875,-	1948,-	2058,-	2143,-	2219,-	2269,-	2394,-	2487,-	
	1326,-	1362,-	1387,-	1575,-	1762,-	1903,-	2068,-	2098,-	2186,-	2311,-	2411,-	2502,-	2567,-	2706,-	2814,-	
2000	1159,-	1193,-	1225,-	1394,-	1562,-	1665,-	1811,-	1818,-	1894,-	1998,-	2074,-	2148,-	2205,-	2330,-	2421,-	
	1285,-	1326,-	1365,-	1548,-	1730,-	1847,-	2007,-	2028,-	2118,-	2236,-	2326,-	2414,-	2485,-	2624,-	2729,-	
1875	1120,-	1158,-	1193,-	1345,-	1519,-	1618,-	1759,-	1763,-	1842,-	1926,-	2002,-	2074,-	2147,-	2268,-	2356,-	
	1238,-	1283,-	1324,-	1489,-	1677,-	1789,-	1943,-	1960,-	2052,-	2149,-	2238,-	2323,-	2410,-	2544,-	2645,-	
Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	

Co-ordinating width (possible in 5 mm steps; widths below 2250 mm on request)

Special sizes with Torsion spring + € 65,-

Noblesse (smooth)																
For fractional heights: next standard size up + € 99,- (only possible in steps of 25 mm) Basic price for standard white sim. to RAL 9016. Prices for Super Color are marked blue.																
Co-ordinating height (fractional heights are only possible in steps of 25 mm)	3125	2142,-	2210,-	2274,-	2496,-	2738,-	2762,-	2941,-	3020,-	3346,-	3584,-	3626,-				
		2339,-	2418,-	2493,-	2737,-	3001,-	3046,-	3247,-	3348,-	3696,-	3956,-	4020,-				
	3000	2038,-	2105,-	2165,-	2385,-	2626,-	2664,-	2843,-	2900,-	3176,-	3417,-	3468,-				
		2227,-	2305,-	2375,-	2616,-	2878,-	2937,-	3137,-	3215,-	3512,-	3774,-	3846,-				
	2875	1958,-	2021,-	2079,-	2291,-	2520,-	2558,-	2731,-	2783,-	3115,-	3330,-	3410,-	3570,-			
		2139,-	2212,-	2280,-	2512,-	2762,-	2820,-	3013,-	3085,-	3437,-	3672,-	3772,-	3952,-			
	2750	1814,-	1873,-	1928,-	2132,-	2416,-	2451,-	2616,-	2666,-	3053,-	3241,-	3352,-	3510,-			
		1987,-	2056,-	2121,-	2344,-	2647,-	2701,-	2886,-	2955,-	3361,-	3568,-	3699,-	3876,-			
	2625	1740,-	1791,-	1839,-	2070,-	2294,-	2382,-	2556,-	2594,-	2827,-	3010,-	3130,-	3276,-	3456,-		
		1905,-	1966,-	2023,-	2272,-	2515,-	2621,-	2813,-	2870,-	3121,-	3322,-	3461,-	3625,-	3824,-		
	2500	1601,-	1644,-	1686,-	1944,-	2174,-	2313,-	2496,-	2523,-	2600,-	2779,-	2905,-	3041,-	3209,-	3341,-	3474,-
		1759,-	1810,-	1861,-	2137,-	2384,-	2541,-	2741,-	2786,-	2880,-	3077,-	3220,-	3374,-	3559,-	3709,-	3859,-
	2375	1549,-	1595,-	1626,-	1856,-	2084,-	2225,-	2420,-	2459,-	2537,-	2702,-	2851,-	2936,-	3056,-	3177,-	3303,-
		1699,-	1753,-	1792,-	2039,-	2284,-	2441,-	2653,-	2708,-	2803,-	2985,-	3150,-	3252,-	3389,-	3526,-	3669,-
2250	1502,-	1542,-	1568,-	1799,-	2030,-	2180,-	2371,-	2392,-	2475,-	2627,-	2758,-	2832,-	2904,-	3018,-	3139,-	
	1644,-	1692,-	1726,-	1972,-	2219,-	2385,-	2592,-	2628,-	2727,-	2895,-	3042,-	3131,-	3219,-	3349,-	3486,-	
2125	1447,-	1483,-	1529,-	1748,-	1968,-	2115,-	2304,-	2324,-	2411,-	2552,-	2659,-	2752,-	2812,-	2922,-	3039,-	
	1581,-	1624,-	1678,-	1912,-	2147,-	2308,-	2512,-	2547,-	2649,-	2805,-	2927,-	3035,-	3110,-	3234,-	3366,-	
2000	1400,-	1447,-	1487,-	1699,-	1920,-	2060,-	2241,-	2250,-	2348,-	2477,-	2574,-	2665,-	2739,-	2846,-	2959,-	
	1526,-	1580,-	1627,-	1853,-	2088,-	2242,-	2437,-	2460,-	2572,-	2715,-	2826,-	2931,-	3019,-	3140,-	3267,-	
1875	1350,-	1401,-	1443,-	1639,-	1861,-	2003,-	2177,-	2182,-	2285,-	2384,-	2482,-	2572,-	2665,-	2770,-	2880,-	
	1468,-	1526,-	1574,-	1783,-	2019,-	2174,-	2361,-	2379,-	2495,-	2607,-	2718,-	2821,-	2928,-	3046,-	3169,-	
Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	

Co-ordinating width (possible in 5 mm steps; widths below 2250 mm on request)

Special sizes with Torsion spring + € 65,-

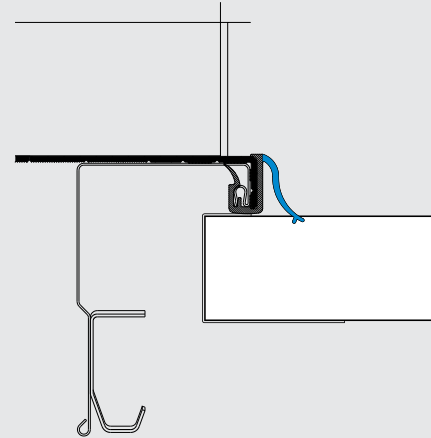
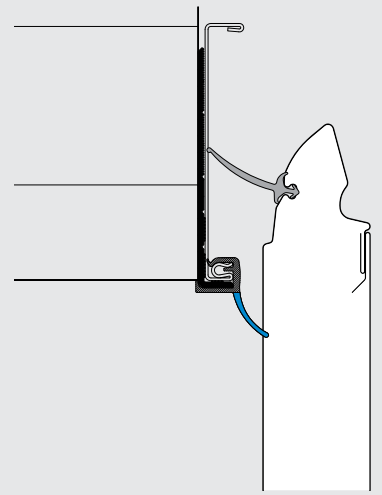
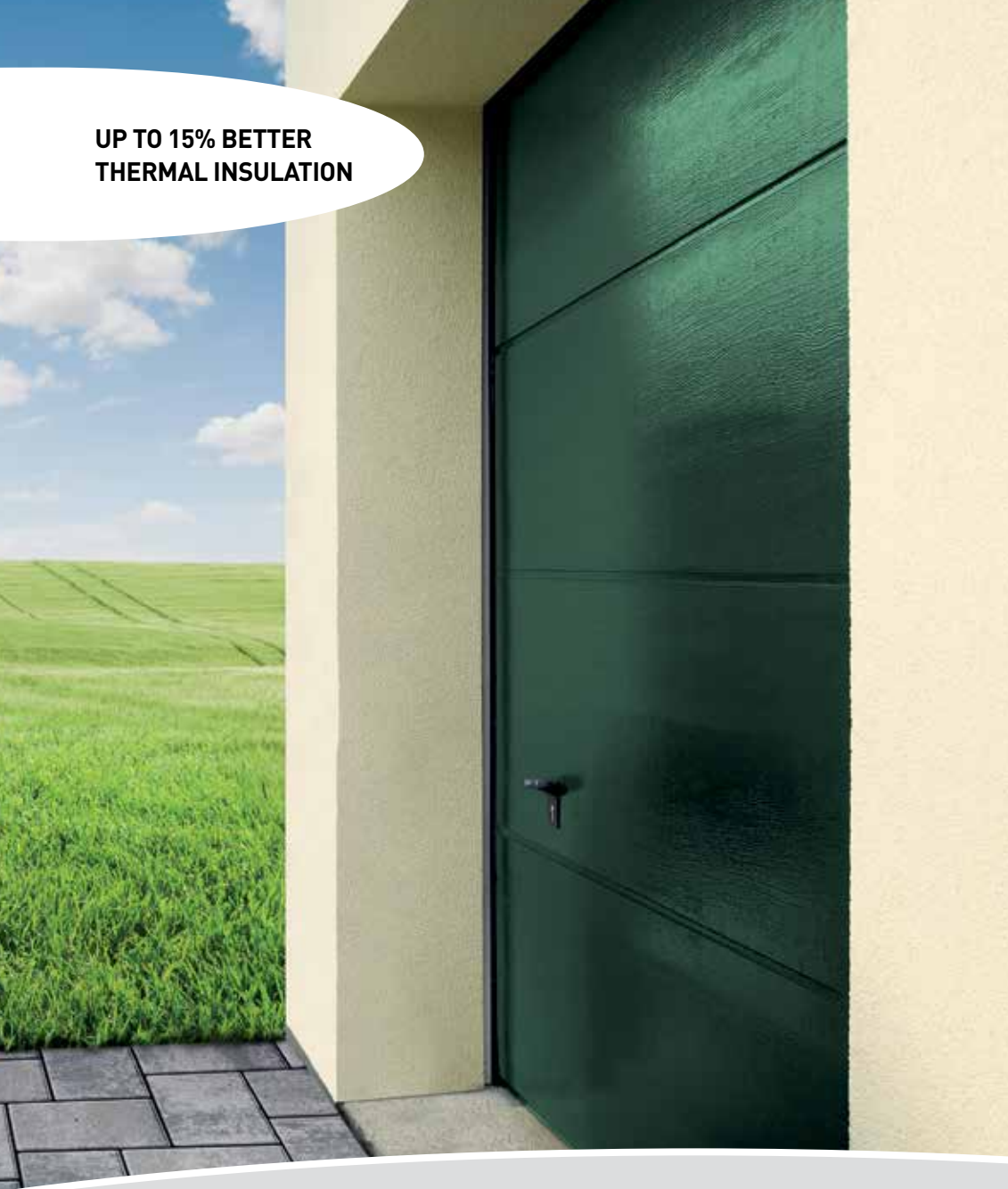
RAL of Choice (Standard- and special dimensions)
on the outside. Available colours see product description
Rear mount conversion kit (RM)
Reinforced frame (only in combination with Torsion spring)

per m² € 49,-
€ 73,-
€ 92,-

Door sizes within the frame will be supplied with **Extension spring** as standard. Torsion spring needs to be ordered explicit.

Pre-assembled garage door, max. up to 3000 x 2375 mm € 107,-
(with Extension spring only)
Lock and handle
Standard size, seen from inside right € 38,-
Standard size, seen from inside left or in the middle € 72,-
Special sizes € 38,-

UP TO 15% BETTER
THERMAL INSULATION



Thermo frame set Added insulation for your garage

The optional sealing and insulating strip system further improves the already excellent performance of double-skinned Novoferm E® sectional doors. The Thermo frame set actively supports the optimization of building performance. The thermal optimization on three sides of the frame enhances insulation performance by up to 15%* when mounted behind the opening. A plug and clip profile ensures quick and easy installation and can be used on all Novoferm E® sectional doors.

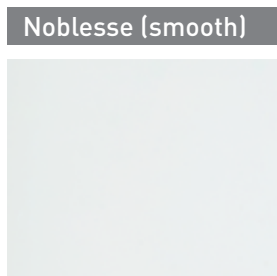
* This performance is dependent on the door pattern and size

Your Novoferm representative or sales advisor is available to help if needed.
For more information, go to www.novoferm.com.



Sectional door Novoferm E® type iso 45

Large rib (with NovoPort®)



Standard sizes with Extension spring							
Order size, Co-ord.size		Woodgrain		Noblesse (smooth)		Timber foil surfaces	Satin surfaces
Width x Height in mm		Standard white €/piece	Super Color €/piece	Standard white €/piece	Super Color €/piece	€/piece	€/piece
2190 x	1925	1454,-	1572,-	1729,-	1847,-	1729,-	1604,-
	2050	1454,-	1580,-	1729,-	1855,-	1729,-	1613,-
2250 x	1875	1423,-	1541,-	1708,-	1826,-	1708,-	1584,-
	2000	1454,-	1580,-	1729,-	1855,-	1729,-	1609,-
	2125	1454,-	1588,-	1729,-	1863,-	1729,-	1618,-
2315 x	1925	1423,-	1548,-	1707,-	1832,-	1707,-	1593,-
	2050	1423,-	1556,-	1709,-	1842,-	1709,-	1601,-
	2175	1483,-	1624,-	1762,-	1903,-	1762,-	1654,-
2375 x	1875	1423,-	1548,-	1708,-	1833,-	1708,-	1589,-
	2000	• 1423,-	1556,-	1707,-	1840,-	1707,-	1599,-
	2075	1423,-	1561,-	1707,-	1845,-	1707,-	1603,-
	2125	• 1423,-	1564,-	1707,-	1848,-	1707,-	³⁾ • 1607,-
	2250	1443,-	1593,-	1762,-	1912,-	1762,-	1660,-
	2375	1501,-	1659,-	1836,-	1994,-	1836,-	1711,-
2440 x	1925	1423,-	1555,-	1707,-	1839,-	1707,-	1600,-
	2050	1423,-	1563,-	1709,-	1849,-	1709,-	1607,-
	2175	1483,-	1632,-	1762,-	1911,-	1762,-	1661,-
2500 x	1875	1423,-	1554,-	1708,-	1839,-	1708,-	1596,-
	2000	• 1423,-	1563,-	1709,-	1849,-	1709,-	1605,-
	2075	1423,-	1568,-	1709,-	1854,-	1709,-	1609,-
	2125	• 1423,-	1572,-	1707,-	1856,-	²⁾ • 1707,-	¹⁾ • 1614,-
	2250	1443,-	1601,-	1762,-	1920,-	1762,-	1667,-
	2375	1501,-	1667,-	1848,-	2014,-	1848,-	1745,-
	2500	1501,-	1676,-	1848,-	2023,-	1848,-	1752,-
	2750	1681,-	1874,-	2083,-	2276,-	2083,-	2007,-
2625 x	2125	1564,-	1720,-	1908,-	2064,-	1908,-	1780,-
2750 x	2000	1581,-	1735,-	1881,-	2035,-	1881,-	1756,-
	2125	1619,-	1783,-	1943,-	2107,-	1943,-	1817,-
	2250	1627,-	1800,-	1979,-	2152,-	1979,-	1855,-
	2750	1732,-	1944,-	2085,-	2297,-	2085,-	1907,-
2940 x	2050	1729,-	1898,-	2100,-	2269,-	2100,-	1947,-
3000 x	2000	1732,-	1900,-	2102,-	2270,-	2102,-	1945,-
	2125	1729,-	1908,-	2100,-	2279,-	2100,-	1953,-
	2250	1742,-	1931,-	2116,-	2305,-	2116,-	1979,-
	2375	1777,-	1977,-	2194,-	2394,-	2194,-	2052,-
	2500	1836,-	2046,-	2275,-	2485,-	2275,-	2127,-

Extra price for standard size with Torsion spring + € 65,-

Standard sizes with Torsion spring							
Order size, Co-ord.size		Woodgrain		Noblesse (smooth)		Timber foil surfaces	Satin surfaces
Width x Height in mm		Standard white €/piece	Super Color €/piece	Standard white €/piece	Super Color €/piece	€/piece	€/piece
3000 x	3000	2152,-	2404,-	2682,-	2934,-	2682,-	2496,-
3250 x	2000	1742,-	1924,-	2205,-	2387,-	2205,-	2041,-
	2125	1780,-	1973,-	2256,-	2449,-	2256,-	2092,-
	2250	1812,-	2017,-	2312,-	2517,-	2312,-	2149,-
3500 x	2000	1835,-	2031,-	2325,-	2521,-	2325,-	2148,-
	2125	1871,-	2079,-	2377,-	2585,-	2377,-	2203,-
	2250	1905,-	2126,-	2437,-	2658,-	2437,-	2265,-
3750 x	2000	1917,-	2127,-	2371,-	2581,-	2371,-	2199,-
	2125	1962,-	2185,-	2435,-	2658,-	2435,-	2264,-
	2250	1996,-	2232,-	2496,-	2732,-	2496,-	2326,-
4000 x	2000	2003,-	2227,-	2475,-	2699,-	2475,-	2296,-
	2125	2050,-	2288,-	2529,-	2767,-	2529,-	2352,-
	2250	2087,-	2339,-	2602,-	2854,-	2602,-	2426,-
4250 x	2000	2092,-	2330,-	2569,-	2807,-	2569,-	2382,-
	2125	2145,-	2398,-	2636,-	2889,-	2636,-	2452,-
	2250	2184,-	2452,-	2703,-	2971,-	2703,-	2520,-
4500 x	2000	2184,-	2436,-	2682,-	2934,-	2682,-	2486,-
	2125	2238,-	2506,-	2755,-	3023,-	2755,-	2561,-
	2250	2276,-	2560,-	2809,-	3093,-	2809,-	2619,-
4750 x	2000	2240,-	2506,-	2732,-	2998,-	2732,-	2539,-
	2125	2296,-	2579,-	2808,-	3091,-	2808,-	2617,-
	2250	2332,-	2631,-	2880,-	3179,-	2880,-	2690,-
5000 x	2000	2296,-	2576,-	2826,-	3106,-	2826,-	2627,-
	2125	• 2337,-	2635,-	2890,-	3188,-	2890,-	2696,-
	2250	• 2377,-	2692,-	2957,-	3272,-	2957,-	2768,-
5500 x	2000	2434,-	2742,-	3024,-	3332,-	3024,-	2811,-
	2125	2488,-	2815,-	3095,-	3422,-	3095,-	2887,-
	2250	2544,-	2891,-	3167,-	3514,-	3167,-	2964,-

• Without lock and handle on stock not dot = note production time
¹⁾ Satin white, Satin grey, Satin Dark grey and Satin window grey without lock on stock
²⁾ Golden oak and Dark oak without lock on stock
³⁾ Satin grey without lock on stock

Renovation sizes

Sectional door Novoferm E® type iso 45



Large rib (with NovoPort®)

Special sizes

Woodgrain

For fractional heights: **next standard size up + € 99,-** (only possible in steps of 25 mm)
Basic price for standard white sim. to RAL 9016. **Prices for Super Color are marked blue.**

Co-ordinating height (fractional heights are only possible in steps of 25 mm)

3125	2114,-	2169,-	2219,-	2398,-	2590,-	2611,-	2754,-	2813,-	2950,-	3130,-	3302,-	3430,-	3595,-		
	2311,-	2377,-	2438,-	2639,-	2853,-	2895,-	3060,-	3141,-	3300,-	3502,-	3696,-	3846,-	4033,-		
3000	2031,-	2084,-	2130,-	2308,-	2500,-	2530,-	2676,-	2719,-	2818,-	3001,-	3175,-	3302,-	3464,-	3640,-	
	2220,-	2284,-	2340,-	2539,-	2752,-	2803,-	2970,-	3034,-	3154,-	3358,-	3553,-	3701,-	3884,-	4081,-	
2875	1967,-	2007,-	2050,-	2231,-	2418,-	2460,-	2587,-	2623,-	2719,-	2893,-	3061,-	3185,-	3340,-	3508,-	
	2148,-	2198,-	2251,-	2452,-	2660,-	2722,-	2869,-	2925,-	3041,-	3235,-	3423,-	3567,-	3743,-	3931,-	
2750	1750,-	1794,-	1838,-	2092,-	2281,-	2393,-	2501,-	2530,-	2624,-	2790,-	2950,-	3067,-	3214,-	3375,-	3491,-
	1923,-	1977,-	2031,-	2304,-	2512,-	2643,-	2771,-	2819,-	2932,-	3117,-	3297,-	3433,-	3599,-	3779,-	3915,-
2625	1681,-	1719,-	1754,-	1974,-	2140,-	2321,-	2443,-	2478,-	2528,-	2688,-	2841,-	2951,-	3093,-	3247,-	3356,-
	1846,-	1894,-	1938,-	2176,-	2361,-	2560,-	2700,-	2754,-	2822,-	3000,-	3172,-	3300,-	3461,-	3633,-	3760,-
2500	1644,-	1679,-	1707,-	1898,-	2069,-	2251,-	2396,-	2414,-	2479,-	2624,-	2723,-	2829,-	2965,-	3113,-	3217,-
	1802,-	1845,-	1882,-	2091,-	2279,-	2479,-	2641,-	2677,-	2759,-	2922,-	3038,-	3162,-	3315,-	3481,-	3602,-
2375	1606,-	1639,-	1662,-	1835,-	2002,-	2178,-	2331,-	2364,-	2426,-	2556,-	2678,-	2748,-	2842,-	2980,-	3081,-
	1756,-	1797,-	1828,-	2018,-	2202,-	2394,-	2564,-	2613,-	2692,-	2839,-	2977,-	3064,-	3175,-	3329,-	3447,-
2250	1573,-	1603,-	1638,-	1809,-	1983,-	2140,-	2296,-	2313,-	2377,-	2500,-	2604,-	2662,-	2718,-	2851,-	2949,-
	1715,-	1753,-	1796,-	1982,-	2172,-	2345,-	2517,-	2549,-	2629,-	2768,-	2888,-	2961,-	3033,-	3182,-	3296,-
2125	1571,-	1600,-	1617,-	1790,-	1962,-	2089,-	2239,-	2254,-	2327,-	2437,-	2522,-	2598,-	2648,-	2773,-	2866,-
	1705,-	1741,-	1766,-	1954,-	2141,-	2282,-	2447,-	2477,-	2565,-	2690,-	2790,-	2881,-	2946,-	3085,-	3193,-
2000	1538,-	1572,-	1604,-	1773,-	1941,-	2044,-	2190,-	2197,-	2273,-	2377,-	2453,-	2527,-	2584,-	2709,-	2800,-
	1664,-	1705,-	1744,-	1927,-	2109,-	2226,-	2386,-	2407,-	2497,-	2615,-	2705,-	2793,-	2864,-	3003,-	3108,-
1875	1499,-	1537,-	1572,-	1724,-	1898,-	1997,-	2138,-	2142,-	2221,-	2305,-	2381,-	2453,-	2526,-	2647,-	2735,-
	1617,-	1662,-	1703,-	1868,-	2056,-	2168,-	2322,-	2339,-	2431,-	2528,-	2617,-	2702,-	2789,-	2923,-	3024,-
Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500

Co-ordinating width (possible in 5 mm steps; widths below 2250 mm on request)

Special sizes with Torsion spring + € 65,-

Noblesse (smooth)

For fractional heights: **next standard size up + € 99,-** (only possible in steps of 25 mm)
Basic price for standard white sim. to RAL 9016. **Prices for Super Color are marked blue.**

Co-ordinating height (fractional heights are only possible in steps of 25 mm)

3125	2521,-	2589,-	2653,-	2875,-	3117,-	3141,-	3320,-	3399,-	3725,-	3963,-	4005,-				
	2718,-	2797,-	2872,-	3116,-	3380,-	3425,-	3626,-	3727,-	4075,-	4335,-	4399,-				
3000	2417,-	2484,-	2544,-	2764,-	3005,-	3043,-	3222,-	3279,-	3555,-	3796,-	3847,-				
	2606,-	2684,-	2754,-	2995,-	3257,-	3316,-	3516,-	3594,-	3891,-	4153,-	4225,-				
2875	2337,-	2400,-	2458,-	2670,-	2899,-	2937,-	3110,-	3162,-	3494,-	3709,-	3789,-	3949,-			
	2518,-	2591,-	2659,-	2891,-	3141,-	3199,-	3392,-	3464,-	3816,-	4051,-	4151,-	4331,-			
2750	2193,-	2252,-	2307,-	2511,-	2795,-	2830,-	2995,-	3045,-	3432,-	3620,-	3731,-	3889,-			
	2366,-	2435,-	2500,-	2723,-	3026,-	3080,-	3265,-	3334,-	3740,-	3947,-	4078,-	4255,-			
2625	2119,-	2170,-	2218,-	2449,-	2673,-	2761,-	2935,-	2973,-	3206,-	3389,-	3509,-	3655,-	3835,-		
	2284,-	2345,-	2402,-	2651,-	2894,-	3000,-	3192,-	3249,-	3500,-	3701,-	3840,-	4004,-	4203,-		
2500	1980,-	2023,-	2065,-	2323,-	2553,-	2692,-	2875,-	2902,-	2979,-	3158,-	3284,-	3420,-	3588,-	3720,-	3853,-
	2138,-	2189,-	2240,-	2516,-	2763,-	2920,-	3120,-	3165,-	3259,-	3456,-	3599,-	3753,-	3938,-	4088,-	4238,-
2375	1928,-	1974,-	2005,-	2235,-	2463,-	2604,-	2799,-	2838,-	2916,-	3081,-	3230,-	3315,-	3435,-	3556,-	3682,-
	2078,-	2132,-	2171,-	2418,-	2663,-	2820,-	3032,-	3087,-	3182,-	3364,-	3529,-	3631,-	3768,-	3905,-	4048,-
2250	1881,-	1921,-	1947,-	2178,-	2409,-	2559,-	2750,-	2771,-	2854,-	3006,-	3137,-	3211,-	3283,-	3397,-	3518,-
	2023,-	2071,-	2105,-	2351,-	2598,-	2764,-	2971,-	3007,-	3106,-	3274,-	3421,-	3510,-	3598,-	3728,-	3865,-
2125	1826,-	1862,-	1908,-	2127,-	2347,-	2494,-	2683,-	2703,-	2790,-	2931,-	3038,-	3131,-	3191,-	3301,-	3418,-
	1960,-	2003,-	2057,-	2291,-	2526,-	2687,-	2891,-	2926,-	3028,-	3184,-	3306,-	3414,-	3489,-	3613,-	3745,-
2000	1779,-	1826,-	1866,-	2078,-	2299,-	2439,-	2620,-	2629,-	2727,-	2856,-	2953,-	3044,-	3118,-	3225,-	3338,-
	1905,-	1959,-	2006,-	2232,-	2467,-	2621,-	2816,-	2839,-	2951,-	3094,-	3205,-	3310,-	3398,-	3519,-	3646,-
1875	1729,-	1780,-	1822,-	2018,-	2240,-	2382,-	2556,-	2561,-	2664,-	2763,-	2861,-	2951,-	3044,-	3149,-	3259,-
	1847,-	1905,-	1953,-	2162,-	2398,-	2553,-	2740,-	2758,-	2874,-	2986,-	3097,-	3200,-	3307,-	3425,-	3548,-
Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500

Co-ordinating width (possible in 5 mm steps; widths below 2250 mm on request)

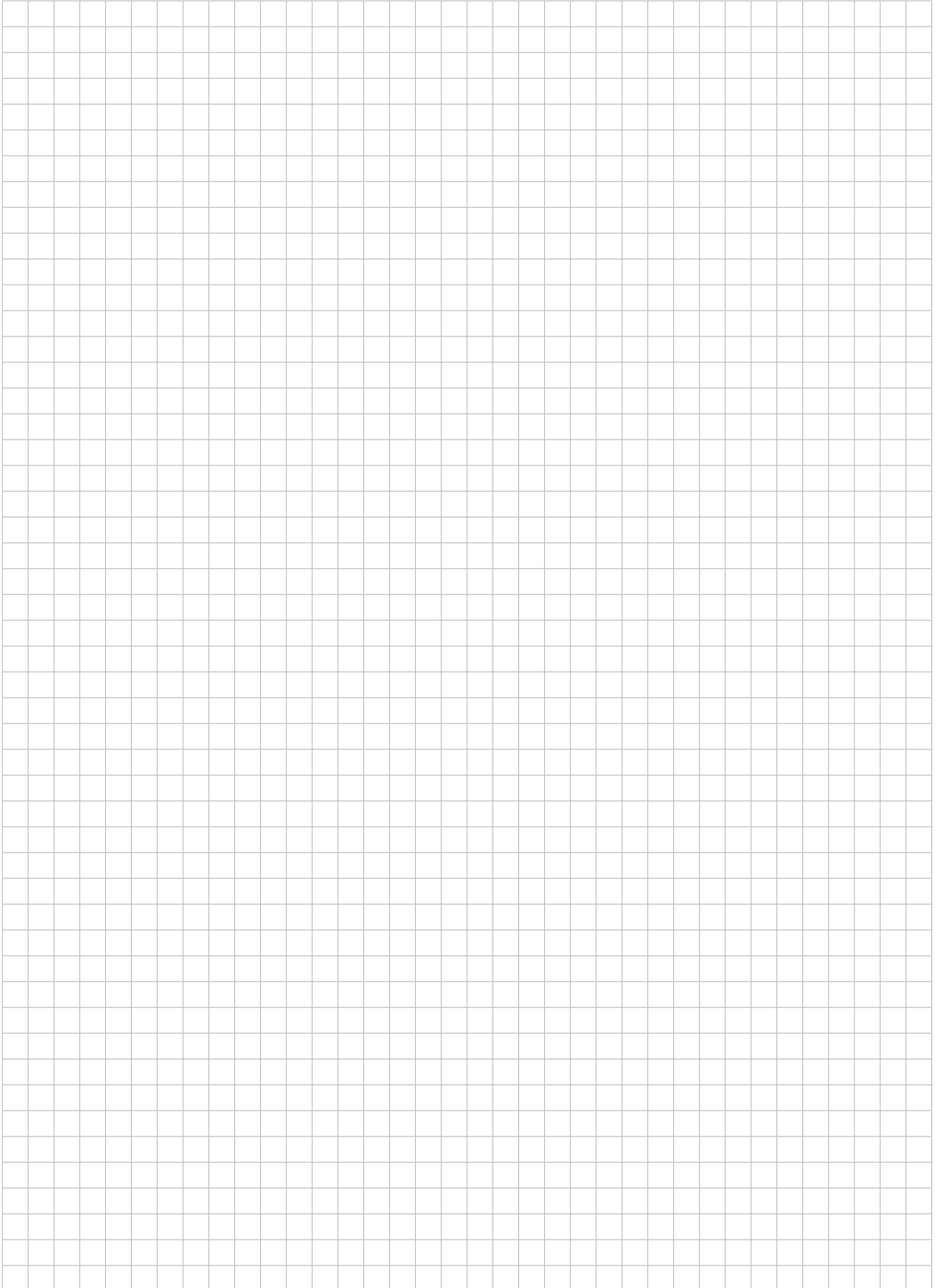
Special sizes with Torsion spring + € 65,-

Door sizes within the frame will be supplied with **Extension spring** as standard. Torsion spring needs to be ordered explicit.

RAL of Choice (Standard- and special dimensions) on the outside. Available colours see product description
Rear mount conversion kit (RM)
Reinforced frame (only in combination with Torsion spring)

per m² € 49,-
 € 73,-
 € 92,-

Pre-assembled garage door, max. up to 3000 x 2375 mm € 107,- (with Extension spring only)
Lock and handle
 Standard size, seen from inside right € 38,-
 Standard size, seen from inside left or in the middle € 72,-
 Special sizes € 38,-

A large, empty grid of small squares occupies the central portion of the page, intended for taking notes. The grid is composed of approximately 25 columns and 40 rows of squares.

Sectional door Novoferm E® type iso 45

Flush (without operator)

Flush



Woodgrain



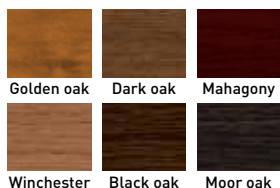
Noblesse (smooth)



Super Color



Timber foil surfaces



Satin surfaces



Microline



Standard sizes with Extension spring

Order size, Co-ord.size		Woodgrain		Noblesse (smooth)		Timber foil surfaces	Satin Surfaces	Microline
		Standard white €/piece	Super Color €/piece	Standard white €/piece	Super Color €/piece	€/piece	€/piece	€/piece
2190 x	1925	1210,-	1328,-	1534,-	1652,-	1534,-	1371,-	1534,-
	2050	1210,-	1336,-	1534,-	1660,-	1534,-	1381,-	1534,-
2250 x	1875	1177,-	1295,-	1509,-	1627,-	1509,-	1349,-	1509,-
	2000	1212,-	1338,-	1534,-	1660,-	1534,-	1376,-	1534,-
	2125	1210,-	1344,-	1534,-	1668,-	1534,-	1386,-	1534,-
2315 x	1925	1175,-	1300,-	1509,-	1634,-	1509,-	1358,-	1509,-
	2050	1175,-	1308,-	1509,-	1642,-	1509,-	1367,-	1509,-
	2175	1244,-	1385,-	1557,-	1698,-	1557,-	1415,-	1557,-
2375 x	1875	1177,-	1302,-	1509,-	1634,-	1509,-	1354,-	1509,-
	2000	1175,-	1308,-	1509,-	1642,-	1509,-	³⁾ 1364,-	1509,-
	2075	1175,-	1313,-	1509,-	1647,-	1509,-	1369,-	1509,-
	2125	1175,-	1316,-	1509,-	1650,-	1509,-	¹⁾ 1373,-	1509,-
	2250	1195,-	1345,-	1557,-	1707,-	1557,-	1421,-	1557,-
2440 x	2375	1265,-	1423,-	1569,-	1727,-	1569,-	1430,-	1569,-
	1925	1175,-	1307,-	1509,-	1641,-	1509,-	1365,-	1509,-
	2050	1175,-	1315,-	1509,-	1649,-	1509,-	1373,-	1509,-
2500 x	2175	1244,-	1393,-	1557,-	1706,-	1557,-	1422,-	1557,-
	1875	1177,-	1308,-	1509,-	1640,-	1509,-	1361,-	1509,-
	2000	1175,-	1315,-	1509,-	1649,-	1509,-	¹⁾ 1370,-	1509,-
	2075	1175,-	1320,-	1509,-	1654,-	1509,-	1376,-	1509,-
	2125	1175,-	1324,-	1509,-	1658,-	1509,-	• 1381,-	1509,-
	2250	1195,-	1353,-	1557,-	1715,-	1557,-	1427,-	1557,-
	2375	1265,-	1431,-	1632,-	1798,-	1632,-	1497,-	1632,-
	2500	1263,-	1438,-	1632,-	1807,-	1632,-	1505,-	1632,-
	2750	1546,-	1739,-	1812,-	2005,-	1812,-	1663,-	1812,-
	2625 x	2125	1339,-	1495,-	1752,-	1908,-	1752,-	1582,-
2750 x	2000	1361,-	1515,-	1771,-	1925,-	1771,-	1592,-	1771,-
	2125	1403,-	1567,-	1807,-	1971,-	1807,-	1633,-	1807,-
	2250	1410,-	1583,-	1906,-	2079,-	1906,-	1722,-	1906,-
	2750	1603,-	1815,-	2002,-	2214,-	2002,-	1802,-	2002,-
2940 x	2050	1532,-	1701,-	1852,-	2021,-	1852,-	1674,-	1852,-
3000 x	2000	1535,-	1703,-	1855,-	2023,-	1855,-	1672,-	1855,-
	2125	1532,-	1711,-	1852,-	2031,-	1852,-	1680,-	1852,-
	2250	1545,-	1734,-	1927,-	2116,-	1927,-	1751,-	1927,-
	2375	1584,-	1784,-	2020,-	2220,-	2020,-	1836,-	2020,-
	2500	1651,-	1861,-	2049,-	2259,-	2049,-	1871,-	2049,-

Extra price for standard size with Torsion spring + € 65,-

Standard sizes with Torsion spring

Order size, Co-ord.size		Woodgrain		Noblesse (smooth)		Timber foil surfaces	Satin Surfaces	Microline	
		Standard white €/piece	Super Color €/piece	Standard white €/piece	Super Color €/piece	€/piece	€/piece	€/piece	
3000 x	3000	2013,-	2265,-	2797,-	3049,-	2797,-	2510,-	2797,-	
	3250 x	2000	1547,-	1729,-	2138,-	2320,-	2138,-	1910,-	2138,-
	2125	1589,-	1782,-	2168,-	2361,-	2168,-	1948,-	2168,-	
3500 x	2250	1624,-	1829,-	2214,-	2419,-	2214,-	1996,-	2214,-	
	2000	1655,-	1851,-	2190,-	2386,-	2190,-	1964,-	2190,-	
	2125	1695,-	1903,-	2229,-	2437,-	2229,-	2010,-	2229,-	
3750 x	2250	1733,-	1954,-	2265,-	2486,-	2265,-	2050,-	2265,-	
	2000	1751,-	1961,-	2229,-	2439,-	2229,-	2010,-	2229,-	
	2125	1800,-	2023,-	2244,-	2467,-	2244,-	2035,-	2244,-	
4000 x	2250	1839,-	2075,-	2298,-	2534,-	2298,-	2092,-	2298,-	
	2000	1850,-	2074,-	2405,-	2629,-	2405,-	2162,-	2405,-	
	2125	1904,-	2142,-	2466,-	2704,-	2466,-	2226,-	2466,-	
4250 x	2250	1944,-	2196,-	2525,-	2777,-	2525,-	2287,-	2525,-	
	2000	1956,-	2194,-	2552,-	2790,-	2552,-	2293,-	2552,-	
	2125	2013,-	2266,-	2600,-	2853,-	2600,-	2347,-	2600,-	
4500 x	2250	2057,-	2325,-	2651,-	2919,-	2651,-	2403,-	2651,-	
	2000	2060,-	2312,-	2601,-	2853,-	2601,-	2346,-	2601,-	
	2125	2122,-	2390,-	2685,-	2953,-	2685,-	2428,-	2685,-	
4750 x	2250	2163,-	2447,-	2749,-	3033,-	2749,-	2495,-	2749,-	
	2000	2126,-	2392,-	2717,-	2983,-	2717,-	2451,-	2717,-	
	2125	2189,-	2472,-	2781,-	3064,-	2781,-	2519,-	2781,-	
5000 x	2250	2229,-	2528,-	2847,-	3146,-	2847,-	2588,-	2847,-	
	2000	2190,-	2470,-	2826,-	3106,-	2826,-	2552,-	2826,-	
	2125	2235,-	2533,-	2885,-	3183,-	2885,-	²⁾ 2615,-	2885,-	
5500 x	2250	2280,-	2595,-	2951,-	3266,-	2951,-	2686,-	2951,-	
	2000	2351,-	2659,-	2942,-	3250,-	2942,-	2670,-	2942,-	
	2125	2412,-	2739,-	3002,-	3329,-	3002,-	2737,-	3002,-	
2250	2474,-	2821,-	3105,-	3452,-	3105,-	2839,-	3105,-		

- without lock and handle on stock no dot = note production time
- ¹⁾ Satin white, Satin grey, Satin Dark grey without lock and handle on stock
- ²⁾ Satin Dark grey without lock and handle on stock
- ³⁾ Satin white und Satin dark grey without lock and handle available from stock

Renovation sizes

Sectional door Novoferm E® type iso 45



Flush (without operator)

Special sizes																
Woodgrain																
For fractional heights: next standard size up + € 99,- (only possible in steps of 25 mm) Basic price for standard white sim. to RAL 9016. Prices for Super Color are marked blue.																
Co-ordinating height (fractional heights are only possible in steps of 25 mm)	3125	1944,-	2023,-	2082,-	2286,-	2509,-	2533,-	2729,-	2781,-	2907,-	3128,-	3333,-	3490,-	3684,-		
		2141,-	2231,-	2301,-	2527,-	2772,-	2817,-	3035,-	3109,-	3257,-	3500,-	3727,-	3906,-	4122,-		
	3000	1870,-	1932,-	1986,-	2194,-	2414,-	2450,-	2621,-	2669,-	2787,-	2999,-	3199,-	3348,-	3535,-	3747,-	
		2059,-	2132,-	2196,-	2425,-	2666,-	2723,-	2915,-	2984,-	3123,-	3356,-	3577,-	3747,-	3955,-	4188,-	
	2875	1799,-	1845,-	1895,-	2105,-	2324,-	2370,-	2517,-	2560,-	2670,-	2874,-	3069,-	3212,-	3392,-	3587,-	
		1980,-	2036,-	2096,-	2326,-	2566,-	2632,-	2799,-	2862,-	2992,-	3216,-	3431,-	3594,-	3795,-	4010,-	
	2750	1623,-	1673,-	1725,-	2021,-	2239,-	2293,-	2418,-	2454,-	2562,-	2755,-	2940,-	3076,-	3246,-	3434,-	3569,-
		1796,-	1856,-	1918,-	2233,-	2470,-	2543,-	2688,-	2743,-	2870,-	3082,-	3287,-	3442,-	3631,-	3838,-	3993,-
	2625	1470,-	1513,-	1554,-	1807,-	2001,-	2212,-	2353,-	2394,-	2452,-	2637,-	2815,-	2942,-	3108,-	3287,-	3415,-
		1635,-	1688,-	1738,-	2009,-	2222,-	2451,-	2610,-	2670,-	2746,-	2949,-	3146,-	3291,-	3476,-	3673,-	3819,-
	2500	1428,-	1469,-	1500,-	1723,-	1922,-	2132,-	2302,-	2322,-	2397,-	2565,-	2682,-	2806,-	2963,-	3133,-	3255,-
		1586,-	1635,-	1675,-	1916,-	2132,-	2360,-	2547,-	2585,-	2677,-	2863,-	2997,-	3139,-	3313,-	3501,-	3640,-
	2375	1407,-	1444,-	1464,-	1677,-	1885,-	2049,-	2228,-	2265,-	2339,-	2488,-	2629,-	2711,-	2820,-	2981,-	3098,-
		1557,-	1602,-	1630,-	1860,-	2085,-	2265,-	2461,-	2514,-	2605,-	2771,-	2928,-	3027,-	3153,-	3330,-	3464,-
	2250	1379,-	1415,-	1443,-	1642,-	1850,-	2004,-	2185,-	2208,-	2280,-	2423,-	2543,-	2610,-	2676,-	2830,-	2946,-
1521,-		1565,-	1601,-	1815,-	2039,-	2209,-	2406,-	2444,-	2532,-	2691,-	2827,-	2909,-	2991,-	3161,-	3293,-	
2125	1350,-	1385,-	1425,-	1625,-	1826,-	1949,-	2123,-	2141,-	2225,-	2353,-	2450,-	2539,-	2596,-	2741,-	2850,-	
	1484,-	1526,-	1574,-	1789,-	2005,-	2142,-	2331,-	2364,-	2463,-	2606,-	2718,-	2822,-	2894,-	3053,-	3177,-	
2000	1312,-	1350,-	1388,-	1583,-	1778,-	1897,-	2066,-	2075,-	2163,-	2284,-	2372,-	2457,-	2524,-	2669,-	2776,-	
	1438,-	1483,-	1528,-	1737,-	1946,-	2079,-	2262,-	2285,-	2387,-	2522,-	2624,-	2723,-	2804,-	2963,-	3084,-	
1875	1266,-	1311,-	1350,-	1527,-	1730,-	1844,-	2007,-	2014,-	2105,-	2200,-	2289,-	2374,-	2459,-	2598,-	2701,-	
	1384,-	1436,-	1481,-	1671,-	1888,-	2015,-	2191,-	2211,-	2315,-	2423,-	2525,-	2623,-	2722,-	2874,-	2990,-	
Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	

Co-ordinating width (possible in 5 mm steps; widths below 2250 mm on request)

Special sizes with Torsion spring + € 65,-

Noblesse (smooth)																
For fractional heights: next standard size up + € 99,- (only possible in steps of 25 mm) Basic price for standard white sim. to RAL 9016. Prices for Super Color are marked blue.																
Co-ordinating height (fractional heights are only possible in steps of 25 mm)	3125	2498,-	2550,-	2581,-	2862,-	3020,-	3104,-	3169,-	3266,-	3469,-	3583,-	3845,-				
		2695,-	2758,-	2800,-	3103,-	3283,-	3388,-	3475,-	3594,-	3819,-	3955,-	4239,-				
	3000	2401,-	2455,-	2487,-	2749,-	2903,-	2982,-	3042,-	3141,-	3372,-	3505,-	3742,-				
		2590,-	2655,-	2697,-	2980,-	3155,-	3255,-	3336,-	3456,-	3708,-	3862,-	4120,-				
	2875	2186,-	2236,-	2291,-	2615,-	2769,-	2851,-	2910,-	3013,-	3236,-	3362,-	3590,-	3731,-			
		2367,-	2427,-	2492,-	2836,-	3011,-	3113,-	3192,-	3315,-	3558,-	3704,-	3952,-	4113,-			
	2750	1907,-	1955,-	2031,-	2417,-	2635,-	2720,-	2778,-	2885,-	3098,-	3219,-	3440,-	3575,-			
		2080,-	2138,-	2224,-	2629,-	2866,-	2970,-	3048,-	3174,-	3406,-	3546,-	3787,-	3941,-			
	2625	1899,-	1945,-	2016,-	2362,-	2533,-	2650,-	2713,-	2809,-	3003,-	3110,-	3289,-	3418,-	3615,-		
		2064,-	2120,-	2200,-	2564,-	2754,-	2889,-	2970,-	3085,-	3297,-	3422,-	3620,-	3767,-	3983,-		
	2500	1827,-	1871,-	1937,-	2243,-	2429,-	2580,-	2648,-	2734,-	2906,-	3002,-	3137,-	3259,-	3447,-	3512,-	3587,-
		1985,-	2037,-	2112,-	2436,-	2639,-	2808,-	2893,-	2997,-	3186,-	3300,-	3452,-	3592,-	3797,-	3880,-	3972,-
	2375	1821,-	1836,-	1891,-	2193,-	2393,-	2543,-	2611,-	2689,-	2851,-	2932,-	3048,-	3179,-	3281,-	3346,-	3415,-
		1971,-	1994,-	2057,-	2376,-	2593,-	2759,-	2844,-	2938,-	3117,-	3215,-	3347,-	3495,-	3614,-	3695,-	3781,-
	2250	1811,-	1831,-	1855,-	2148,-	2377,-	2502,-	2559,-	2601,-	2780,-	2862,-	2966,-	3065,-	3118,-	3176,-	3240,-
1953,-		1981,-	2013,-	2321,-	2566,-	2707,-	2780,-	2837,-	3032,-	3130,-	3250,-	3364,-	3433,-	3507,-	3587,-	
2125	1766,-	1770,-	1783,-	2039,-	2257,-	2452,-	2523,-	2538,-	2700,-	2795,-	2885,-	2994,-	3046,-	3105,-	3169,-	
	1900,-	1911,-	1932,-	2203,-	2436,-	2645,-	2731,-	2761,-	2938,-	3048,-	3153,-	3277,-	3344,-	3417,-	3496,-	
2000	1767,-	1771,-	1776,-	1998,-	2221,-	2416,-	2475,-	2525,-	2649,-	2721,-	2792,-	2949,-	2975,-	3031,-	3092,-	
	1893,-	1904,-	1916,-	2152,-	2389,-	2598,-	2671,-	2735,-	2873,-	2959,-	3044,-	3215,-	3255,-	3325,-	3400,-	
1875	1736,-	1747,-	1758,-	1949,-	2148,-	2339,-	2407,-	2443,-	2461,-	2623,-	2706,-	2774,-	2801,-	2852,-	2909,-	
	1854,-	1872,-	1889,-	2093,-	2306,-	2510,-	2591,-	2640,-	2671,-	2846,-	2942,-	3023,-	3064,-	3128,-	3198,-	
Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	

Co-ordinating width (possible in 5 mm steps; widths below 2250 mm on request)

Special sizes with Torsion spring + € 65,-

Door sizes within the frame will be supplied with **Extension spring** as standard. Torsion spring needs to be ordered explicit.

RAL of Choice (Standard- and special dimensions)
on the outside. Available colours see product description
Rear mount conversion kit (RM)
Reinforced frame (only in combination with Torsion spring)

per m² € 49,-

€ 73,-
€ 92,-

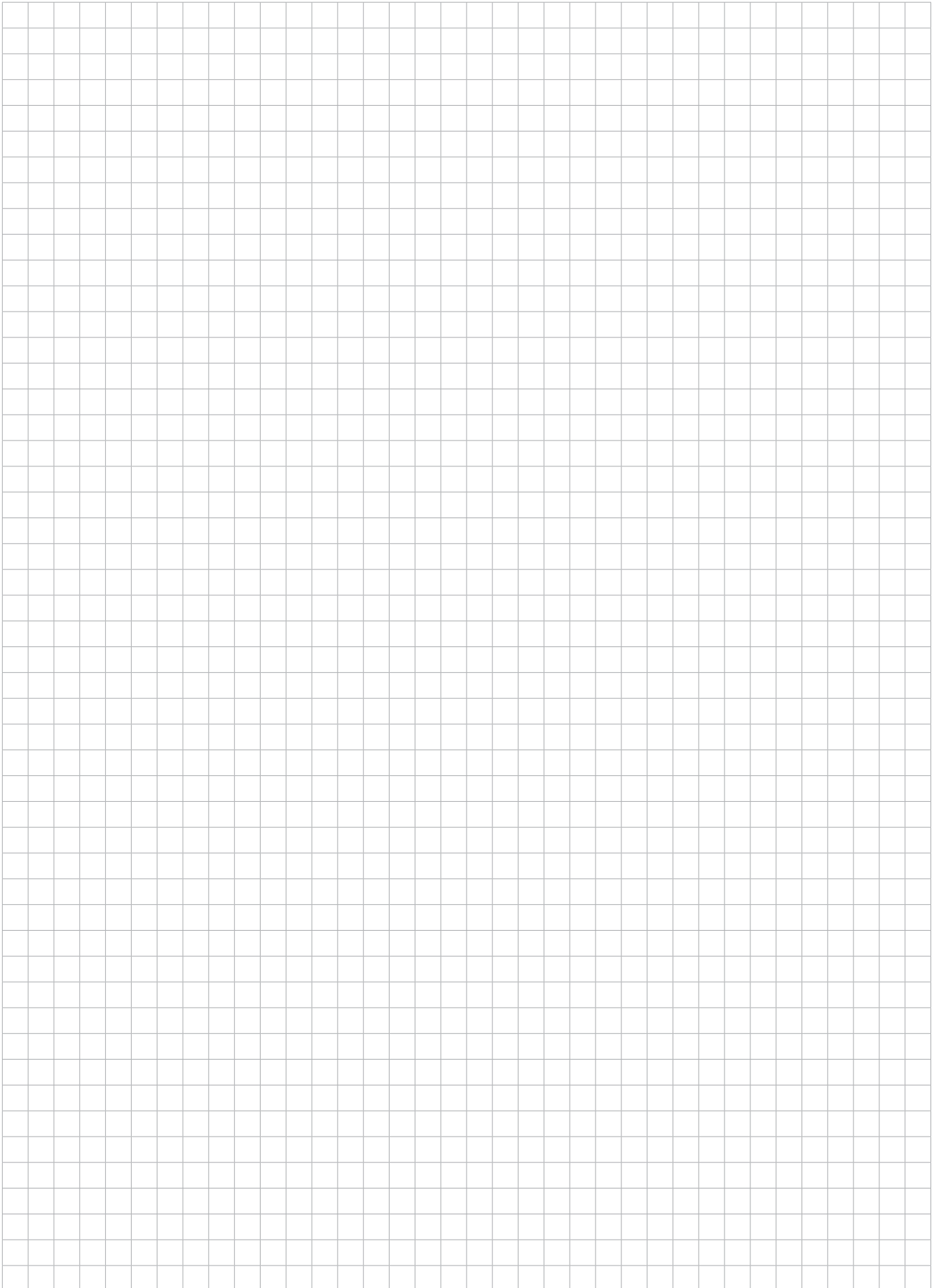
Pre-assembled garage door, max. up to 3000 x 2375 mm € 107,-

(with Extension spring only)

Lock and handle

Standard size, seen from inside right
Standard size, seen from inside left or in the middle
Special sizes

€ 38,-
€ 72,-
€ 38,-

A large, empty grid of small squares occupies the central portion of the page, intended for taking notes. The grid is composed of approximately 25 columns and 40 rows of squares.

Sectional door Novoferm E® type iso 45

Flush (with NovoPort®)

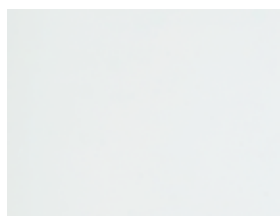
Flush



Woodgrain



Noblesse (smooth)



Super Color



Timber foil surfaces



Satin surfaces



Microline



NovoPort®-System



Standard sizes with Extension spring								
Order size, Co-ord.size		Woodgrain		Noblesse (smooth)		Timber foil surfaces	Satin surfaces	Microline
Width x Height in mm		Standard white €/piece	Super Color €/piece	Standard white €/piece	Super Color €/piece	€/piece	€/piece	€/piece
2190 x	1925	1589,-	1707,-	1913,-	2031,-	1913,-	1750,-	1913,-
	2050	1589,-	1715,-	1913,-	2039,-	1913,-	1760,-	1913,-
2250 x	1875	1556,-	1674,-	1888,-	2006,-	1888,-	1728,-	1888,-
	2000	1591,-	1717,-	1913,-	2039,-	1913,-	1755,-	1913,-
	2125	1589,-	1723,-	1913,-	2047,-	1913,-	1765,-	1913,-
2315 x	1925	1554,-	1679,-	1888,-	2013,-	1888,-	1737,-	1888,-
	2050	1554,-	1687,-	1888,-	2021,-	1888,-	1746,-	1888,-
	2175	1623,-	1764,-	1936,-	2077,-	1936,-	1794,-	1936,-
2375 x	1875	1556,-	1681,-	1888,-	2013,-	1888,-	1733,-	1888,-
	2000	1554,-	1687,-	1888,-	2021,-	1888,-	³⁾ 1743,-	1888,-
	2075	1554,-	1692,-	1888,-	2026,-	1888,-	1748,-	1888,-
	2125	1554,-	1695,-	1888,-	2029,-	1888,-	¹⁾ 1752,-	1888,-
	2250	1574,-	1724,-	1936,-	2086,-	1936,-	1800,-	1936,-
2440 x	2375	1644,-	1802,-	1948,-	2106,-	1948,-	1809,-	1948,-
	1925	1554,-	1686,-	1888,-	2020,-	1888,-	1744,-	1888,-
	2050	1554,-	1694,-	1888,-	2028,-	1888,-	1752,-	1888,-
2500 x	2175	1623,-	1772,-	1936,-	2085,-	1936,-	1801,-	1936,-
	1875	1556,-	1687,-	1888,-	2019,-	1888,-	1740,-	1888,-
	2000	1554,-	1694,-	1888,-	2028,-	1888,-	¹⁾ 1749,-	1888,-
	2075	1554,-	1699,-	1888,-	2033,-	1888,-	1755,-	1888,-
	2125	1554,-	1703,-	1888,-	2037,-	1888,-	• 1760,-	1888,-
	2250	1574,-	1732,-	1936,-	2094,-	1936,-	1806,-	1936,-
	2375	1644,-	1810,-	2011,-	2177,-	2011,-	1876,-	2011,-
	2500	1642,-	1817,-	2011,-	2186,-	2011,-	1884,-	2011,-
	2750	1925,-	2118,-	2191,-	2384,-	2191,-	2042,-	2191,-
	2625 x	2125	1718,-	1874,-	2131,-	2287,-	2131,-	1961,-
2750 x	2000	1740,-	1894,-	2150,-	2304,-	2150,-	1971,-	2150,-
	2125	1782,-	1946,-	2186,-	2350,-	2186,-	2012,-	2186,-
	2250	1789,-	1962,-	2285,-	2458,-	2285,-	2101,-	2285,-
	2750	1982,-	2194,-	2381,-	2593,-	2381,-	2181,-	2381,-
2940 x	2050	1911,-	2080,-	2231,-	2400,-	2231,-	2053,-	2231,-
	3000 x	2000	1914,-	2082,-	2234,-	2402,-	2234,-	2051,-
	2125	1911,-	2090,-	2231,-	2410,-	2231,-	2059,-	2231,-
	2250	1924,-	2113,-	2306,-	2495,-	2306,-	2130,-	2306,-
	2375	1963,-	2163,-	2399,-	2599,-	2399,-	2215,-	2399,-
2500	2030,-	2240,-	2428,-	2638,-	2428,-	2250,-	2428,-	

Extra price for standard size with Torsion spring + € 65,-

Standard sizes with Torsion spring								
Order size, Co-ord.size		Woodgrain		Noblesse (smooth)		Timber foil surfaces	Satin surfaces	Microline
Width x Height in mm		Standard white €/piece	Super Color €/piece	Standard white €/piece	Super Color €/piece	€/piece	€/piece	€/piece
3000 x	3000	2392,-	2644,-	3176,-	3428,-	3176,-	2889,-	3176,-
	3250 x	2000	1926,-	2108,-	2517,-	2699,-	2517,-	2289,-
	2125	1968,-	2161,-	2547,-	2740,-	2547,-	2327,-	2547,-
3500 x	2250	2003,-	2208,-	2593,-	2798,-	2593,-	2375,-	2593,-
	2000	2034,-	2230,-	2569,-	2765,-	2569,-	2343,-	2569,-
	2125	2074,-	2282,-	2608,-	2816,-	2608,-	2389,-	2608,-
3750 x	2250	2112,-	2333,-	2644,-	2865,-	2644,-	2429,-	2644,-
	2000	2130,-	2340,-	2608,-	2818,-	2608,-	2389,-	2608,-
	2125	2179,-	2402,-	2623,-	2846,-	2623,-	2414,-	2623,-
4000 x	2250	2218,-	2454,-	2677,-	2913,-	2677,-	2471,-	2677,-
	2000	2229,-	2453,-	2784,-	3008,-	2784,-	2541,-	2784,-
	2125	2283,-	2521,-	2845,-	3083,-	2845,-	2605,-	2845,-
4250 x	2250	2323,-	2575,-	2904,-	3156,-	2904,-	2666,-	2904,-
	2000	2335,-	2573,-	2931,-	3169,-	2931,-	2672,-	2931,-
	2125	2392,-	2645,-	2979,-	3232,-	2979,-	2726,-	2979,-
4500 x	2250	2436,-	2704,-	3030,-	3298,-	3030,-	2782,-	3030,-
	2000	2439,-	2691,-	2980,-	3232,-	2980,-	2725,-	2980,-
	2125	2501,-	2769,-	3064,-	3332,-	3064,-	2807,-	3064,-
4750 x	2250	2542,-	2826,-	3128,-	3412,-	3128,-	2874,-	3128,-
	2000	2505,-	2771,-	3096,-	3362,-	3096,-	2830,-	3096,-
	2125	2568,-	2851,-	3160,-	3443,-	3160,-	2898,-	3160,-
5000 x	2250	2608,-	2907,-	3226,-	3525,-	3226,-	2967,-	3226,-
	2000	2569,-	2849,-	3205,-	3485,-	3205,-	2931,-	3205,-
	2125	2614,-	2912,-	3264,-	3562,-	3264,-	²⁾ 2994,-	3264,-
5500 x	2250	2659,-	2974,-	3330,-	3645,-	3330,-	3065,-	3330,-
	2000	2730,-	3038,-	3321,-	3629,-	3321,-	3049,-	3321,-
	2125	2791,-	3118,-	3381,-	3708,-	3381,-	3116,-	3381,-
2250	2853,-	3200,-	3484,-	3831,-	3484,-	3218,-	3484,-	

- ¹⁾ without lock and handle on stock no dot = note production time
- ²⁾ Satin white, Satin grey, Satin Dark grey without lock and handle on stock
- ³⁾ Satin Dark grey without lock and handle on stock
- ³⁾ Satin white und Satin dark grey without lock and handle available from stock

Renovation sizes

Sectional door Novoferm E® type iso 45



Flush (with NovoPort®)

Special sizes

Woodgrain For fractional heights: **next standard size up + € 99,-** (only possible in steps of 25 mm)
Basic price for standard white sim. to RAL 9016. **Prices for Super Color are marked blue.**

Co-ordinating height (fractional heights are only possible in steps of 25 mm)

3125	2323,- 2520,-	2402,- 2610,-	2461,- 2680,-	2665,- 2906,-	2888,- 3151,-	2912,- 3196,-	3108,- 3414,-	3160,- 3488,-	3286,- 3636,-	3507,- 3879,-	3712,- 4106,-	3869,- 4285,-	4063,- 4501,-		
3000	2249,- 2438,-	2311,- 2511,-	2365,- 2575,-	2573,- 2804,-	2793,- 3045,-	2829,- 3102,-	3000,- 3294,-	3048,- 3363,-	3166,- 3502,-	3378,- 3735,-	3578,- 3956,-	3727,- 4126,-	3914,- 4334,-	4126,- 4567,-	
2875	2178,- 2359,-	2224,- 2415,-	2274,- 2475,-	2484,- 2705,-	2703,- 2945,-	2749,- 3011,-	2896,- 3178,-	2939,- 3241,-	3049,- 3371,-	3253,- 3595,-	3448,- 3810,-	3591,- 3973,-	3771,- 4174,-	3966,- 4389,-	
2750	2002,- 2175,-	2052,- 2235,-	2104,- 2297,-	2400,- 2612,-	2618,- 2849,-	2672,- 2922,-	2797,- 3067,-	2833,- 3122,-	2941,- 3249,-	3134,- 3461,-	3319,- 3666,-	3455,- 3821,-	3625,- 4010,-	3813,- 4217,-	3948,- 4372,-
2625	1849,- 2014,-	1892,- 2067,-	1933,- 2117,-	2186,- 2388,-	2380,- 2601,-	2591,- 2830,-	2732,- 2989,-	2773,- 3049,-	2831,- 3125,-	3016,- 3328,-	3194,- 3525,-	3321,- 3670,-	3487,- 3855,-	3666,- 4052,-	3794,- 4198,-
2500	1807,- 1965,-	1848,- 2014,-	1879,- 2054,-	2102,- 2295,-	2301,- 2511,-	2511,- 2739,-	2681,- 2926,-	2701,- 2964,-	2776,- 3056,-	2944,- 3242,-	3061,- 3376,-	3185,- 3518,-	3342,- 3692,-	3512,- 3880,-	3634,- 4019,-
2375	1786,- 1936,-	1823,- 1981,-	1843,- 2009,-	2056,- 2239,-	2264,- 2464,-	2428,- 2644,-	2607,- 2840,-	2644,- 2893,-	2718,- 2984,-	2867,- 3150,-	3008,- 3307,-	3090,- 3406,-	3199,- 3532,-	3360,- 3709,-	3477,- 3843,-
2250	1758,- 1900,-	1794,- 1944,-	1822,- 1980,-	2021,- 2194,-	2229,- 2418,-	2383,- 2588,-	2564,- 2785,-	2587,- 2823,-	2659,- 2911,-	2802,- 3070,-	2922,- 3206,-	2989,- 3288,-	3055,- 3370,-	3209,- 3540,-	3325,- 3672,-
2125	1729,- 1863,-	1764,- 1905,-	1804,- 1953,-	2004,- 2168,-	2205,- 2384,-	2328,- 2521,-	2502,- 2710,-	2520,- 2743,-	2604,- 2842,-	2732,- 2985,-	2829,- 3097,-	2918,- 3201,-	2975,- 3432,-	3120,- 3432,-	3229,- 3556,-
2000	1691,- 1817,-	1729,- 1862,-	1767,- 1907,-	1962,- 2116,-	2157,- 2325,-	2276,- 2458,-	2445,- 2641,-	2454,- 2664,-	2542,- 2766,-	2663,- 2901,-	2751,- 3003,-	2836,- 3102,-	2903,- 3183,-	3048,- 3342,-	3155,- 3463,-
1875	1645,- 1763,-	1690,- 1815,-	1729,- 1860,-	1906,- 2050,-	2109,- 2267,-	2223,- 2394,-	2386,- 2570,-	2393,- 2590,-	2484,- 2694,-	2579,- 2802,-	2668,- 2904,-	2753,- 3002,-	2838,- 3101,-	2977,- 3253,-	3080,- 3369,-
Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500

Co-ordinating width (possible in 5 mm steps; widths below 2250 mm on request)

Special sizes with Torsion spring + € 65,-

Noblesse (smooth) For fractional heights: **next standard size up + € 99,-** (only possible in steps of 25 mm)
Basic price for standard white sim. to RAL 9016. **Prices for Super Color are marked blue.**

Co-ordinating height (fractional heights are only possible in steps of 25 mm)

3125	2877,- 3074,-	2929,- 3137,-	2960,- 3179,-	3241,- 3482,-	3399,- 3662,-	3483,- 3767,-	3548,- 3854,-	3645,- 3973,-	3848,- 4198,-	3962,- 4334,-	4224,- 4618,-				
3000	2780,- 2969,-	2834,- 3034,-	2866,- 3076,-	3128,- 3359,-	3282,- 3534,-	3361,- 3634,-	3421,- 3715,-	3520,- 3835,-	3751,- 4087,-	3884,- 4241,-	4121,- 4499,-				
2875	2565,- 2746,-	2615,- 2806,-	2670,- 2871,-	2994,- 3215,-	3148,- 3390,-	3230,- 3492,-	3289,- 3571,-	3392,- 3694,-	3615,- 3937,-	3741,- 4083,-	3969,- 4331,-	4110,- 4492,-			
2750	2286,- 2459,-	2334,- 2517,-	2410,- 2603,-	2796,- 3008,-	3014,- 3245,-	3099,- 3349,-	3157,- 3427,-	3264,- 3553,-	3477,- 3785,-	3598,- 3925,-	3819,- 4166,-	3954,- 4320,-			
2625	2278,- 2443,-	2324,- 2499,-	2395,- 2579,-	2741,- 2943,-	2912,- 3133,-	3029,- 3268,-	3092,- 3349,-	3188,- 3464,-	3382,- 3676,-	3489,- 3801,-	3668,- 3999,-	3797,- 4146,-	3994,- 4362,-		
2500	2206,- 2364,-	2250,- 2416,-	2316,- 2491,-	2622,- 2815,-	2808,- 3018,-	2959,- 3187,-	3027,- 3272,-	3113,- 3376,-	3285,- 3565,-	3381,- 3679,-	3516,- 3831,-	3638,- 3971,-	3826,- 4176,-	3891,- 4259,-	3966,- 4351,-
2375	2200,- 2350,-	2215,- 2373,-	2270,- 2436,-	2572,- 2755,-	2772,- 2972,-	2922,- 3138,-	2990,- 3223,-	3068,- 3317,-	3230,- 3496,-	3311,- 3594,-	3427,- 3726,-	3558,- 3874,-	3660,- 3993,-	3725,- 4074,-	3794,- 4160,-
2250	2190,- 2332,-	2210,- 2360,-	2234,- 2392,-	2527,- 2700,-	2756,- 2945,-	2881,- 3086,-	2938,- 3159,-	2980,- 3216,-	3159,- 3411,-	3241,- 3509,-	3345,- 3629,-	3444,- 3743,-	3497,- 3812,-	3555,- 3886,-	3619,- 3966,-
2125	2145,- 2279,-	2149,- 2290,-	2162,- 2311,-	2418,- 2582,-	2636,- 2815,-	2831,- 3024,-	2902,- 3110,-	2917,- 3140,-	3079,- 3317,-	3174,- 3427,-	3264,- 3532,-	3373,- 3656,-	3425,- 3723,-	3484,- 3796,-	3548,- 3875,-
2000	2146,- 2272,-	2150,- 2283,-	2155,- 2295,-	2377,- 2531,-	2600,- 2768,-	2795,- 2977,-	2854,- 3050,-	2904,- 3114,-	3028,- 3252,-	3100,- 3338,-	3171,- 3423,-	3328,- 3594,-	3354,- 3634,-	3410,- 3704,-	3471,- 3779,-
1875	2115,- 2233,-	2126,- 2251,-	2137,- 2268,-	2328,- 2472,-	2527,- 2685,-	2718,- 2889,-	2786,- 2970,-	2822,- 3019,-	2840,- 3050,-	3002,- 3225,-	3085,- 3321,-	3153,- 3402,-	3180,- 3443,-	3231,- 3507,-	3288,- 3577,-
Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500

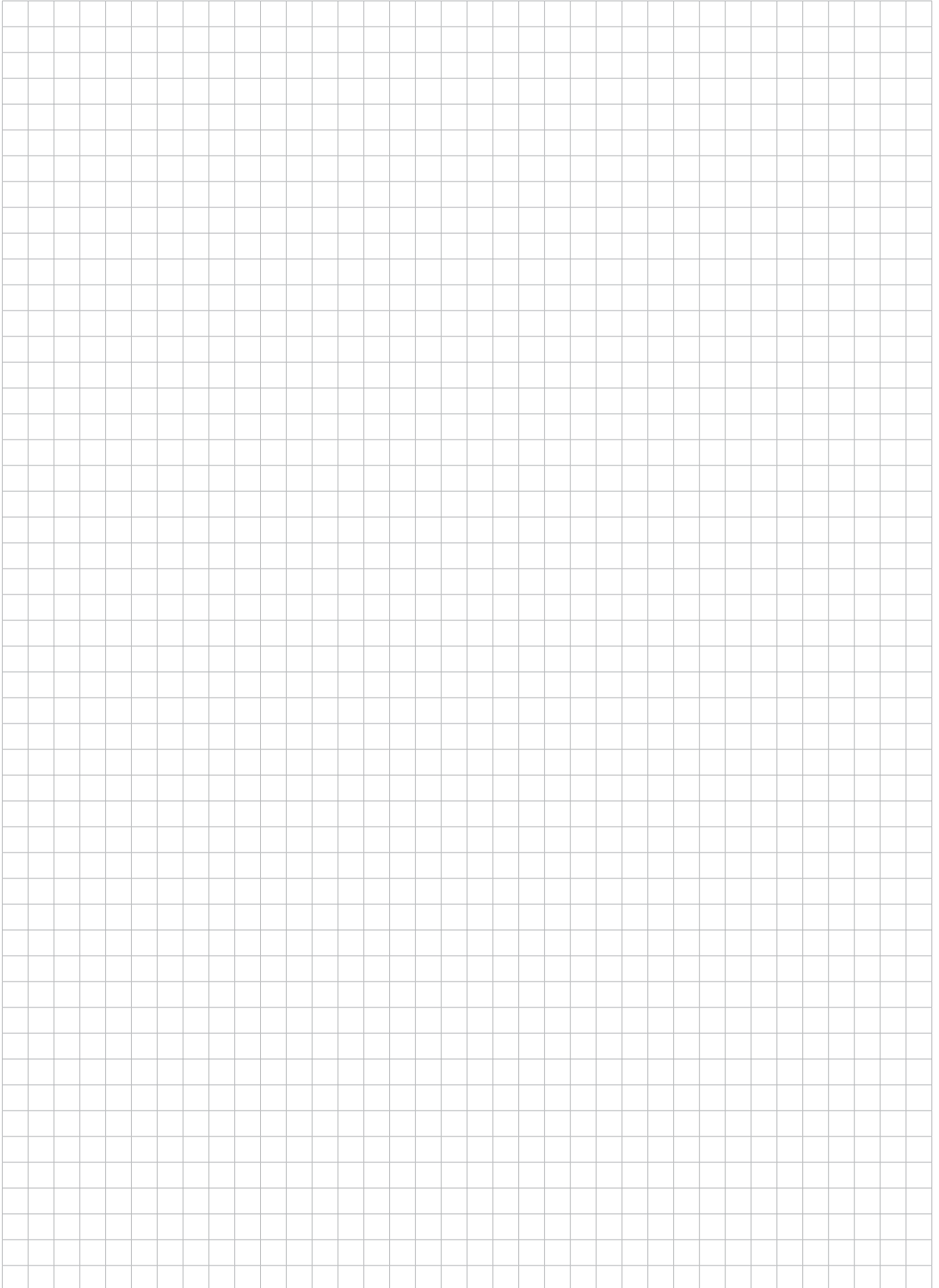
Co-ordinating width (possible in 5 mm steps; widths below 2250 mm on request)

Special sizes with Torsion spring + € 65,-

Door sizes within the frame will be supplied with **Extension spring** as standard. Torsion spring needs to be ordered explicit.

RAL of Choice (Standard- and special dimensions)
 on the outside. Available colours see product description
Rear mount conversion kit (RM)
Reinforced frame (only in combination with Torsion spring)

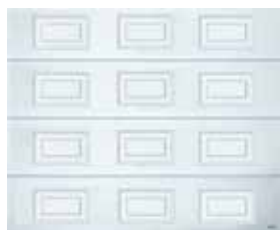
per m² € 49,- **Pre-assembled garage door**, max. up to 3000 x 2375 mm **€ 107,-**
 (with Extension spring only)
€ 73,- Lock and handle
 Standard size, seen from inside right **€ 38,-**
 Standard size, seen from inside left or in the middle **€ 72,-**
 Special sizes **€ 38,-**

A large, empty grid of small squares occupies the central portion of the page, intended for taking notes. The grid is composed of approximately 25 columns and 40 rows of squares.

Sectional door Novoferm E® type iso 45

Raised panel (without operator)

Raised panel



Woodgrain



Super Color



Timber foil surfaces



Golden oak Dark oak Mahogany

Standard sizes with Extension spring

Order size, Co-ord.size		Woodgrain		Timber foil surfaces
Width x Height in mm		Standard white €/piece	Super Color €/piece	€/piece
2190 x	1925	1157,-	1275,-	1427,-
	2050	1157,-	1283,-	1427,-
2250 x	1875	1126,-	1244,-	1430,-
	2000	1157,-	1283,-	1455,-
	2125	1157,-	1291,-	1455,-
	1925	1124,-	1249,-	1435,-
2315 x	2050	1126,-	1259,-	1435,-
	1875	1126,-	1251,-	1430,-
2375 x	2000	1126,-	1259,-	1434,-
	2125	1124,-	1265,-	1434,-
	2250	1180,-	1330,-	1480,-
	2375	1219,-	1377,-	1518,-
	1925	1124,-	1256,-	1440,-
2440 x	2050	1126,-	1266,-	1440,-
	1875	1126,-	1257,-	1430,-
2500 x	2000	1126,-	1266,-	1434,-
	2125	1124,-	1273,-	1434,-
	2250	1180,-	1338,-	1480,-
	2375	1236,-	1402,-	1550,-
	2500	1236,-	1411,-	1551,-
	2750	1339,-	1532,-	1591,-
2625 x	2125	1221,-	1377,-	1703,-
	2000	1365,-	1519,-	1678,-
2750 x	2125	1391,-	1555,-	1703,-
	2250	1444,-	1617,-	1777,-
	2750	1506,-	1718,-	1908,-
	2050	1434,-	1603,-	1848,-
	3000 x	2000	1435,-	1603,-
2940 x	2125	1434,-	1613,-	1749,-
	2250	1479,-	1668,-	1933,-
	2375	1505,-	1705,-	1974,-
	2500	1555,-	1765,-	2049,-

Extra price for standard size with Torsion spring + € 65,-

Standard sizes with Torsion spring

Order size, Co-ord.size		Woodgrain		Timber foil surfaces
Width x Height in mm		Standard white €/piece	Super Color €/piece	€/piece
3000 x	3000	2024,-	2276,-	2624,-
3250 x	2000	1490,-	1672,-	2036,-
	2125	1530,-	1723,-	2049,-
	2250	1582,-	1787,-	2071,-
3500 x	2000	1624,-	1820,-	2190,-
	2125	1665,-	1873,-	2243,-
	2250	1721,-	1942,-	2304,-
3750 x	2000	1752,-	1962,-	2377,-
	2125	1800,-	2023,-	2406,-
	2250	1857,-	2093,-	2464,-
4000 x	2000	1877,-	2101,-	2395,-
	2125	1927,-	2165,-	2438,-
	2250	1988,-	2240,-	2583,-
4250 x	2000	1937,-	2175,-	2499,-
	2125	1991,-	2244,-	2564,-
	2250	2054,-	2322,-	2632,-
4500 x	2000	1991,-	2243,-	2544,-
	2125	2049,-	2317,-	2608,-
	2250	2115,-	2399,-	2688,-
4750 x	2000	2051,-	2317,-	2599,-
	2125	2111,-	2394,-	2653,-
	2250	2176,-	2475,-	2714,-
5000 x	2000	2109,-	2389,-	2647,-
	2125	2158,-	2456,-	2700,-
	2250	2227,-	2542,-	2921,-
5500 x	2000	2282,-	2590,-	2807,-
	2125	2381,-	2708,-	2929,-
	2250	2519,-	2866,-	3096,-

Renovation sizes

Sectional door Novoferm E® type iso 45



Raised panel (without operator)

Special sizes

Woodgrain

For fractional heights: **next standard size up + € 99,-** (only possible in steps of 25 mm)
Basic price for standard white sim. to RAL 9016. **Prices for Super Color** are marked blue.

Co-ordinating height (fractional heights are only possible in steps of 25 mm)	3125	2466,-	2501,-	2557,-	2726,-	2914,-	2940,-	3069,-	3209,-	3367,-	3527,-	3729,-	3842,-	4098,-		
		2663,-	2709,-	2776,-	2967,-	3177,-	3224,-	3375,-	3537,-	3717,-	3899,-	4123,-	4258,-	4536,-		
	3000	2391,-	2428,-	2486,-	2645,-	2830,-	2862,-	2996,-	3084,-	3229,-	3390,-	3590,-	3702,-	3939,-	4019,-	
		2580,-	2628,-	2696,-	2876,-	3082,-	3135,-	3290,-	3399,-	3565,-	3747,-	3968,-	4101,-	4359,-	4460,-	
	2875	2153,-	2200,-	2362,-	2574,-	2756,-	2794,-	2901,-	2959,-	3096,-	3253,-	3447,-	3551,-	3779,-	3867,-	
		2334,-	2391,-	2563,-	2795,-	2998,-	3056,-	3183,-	3261,-	3418,-	3595,-	3809,-	3933,-	4182,-	4290,-	
	2750	1836,-	1880,-	1890,-	2153,-	2360,-	2473,-	2657,-	2835,-	2966,-	3115,-	3299,-	3401,-	3619,-	3704,-	3812,-
		2009,-	2063,-	2083,-	2365,-	2591,-	2723,-	2927,-	3124,-	3274,-	3442,-	3646,-	3767,-	4004,-	4108,-	4236,-
	2625	1763,-	1802,-	1829,-	2017,-	2273,-	2406,-	2614,-	2785,-	2838,-	2982,-	3158,-	3256,-	3464,-	3541,-	3643,-
		1928,-	1972,-	2013,-	2219,-	2494,-	2645,-	2871,-	3061,-	3132,-	3294,-	3489,-	3605,-	3832,-	3927,-	4047,-
	2500	1713,-	1755,-	1798,-	1943,-	2189,-	2328,-	2542,-	2731,-	2784,-	2913,-	3009,-	3099,-	3298,-	3371,-	3470,-
		1871,-	1921,-	1973,-	2136,-	2399,-	2556,-	2787,-	2994,-	3064,-	3211,-	3324,-	3432,-	3648,-	3739,-	3855,-
	2375	1682,-	1711,-	1769,-	1871,-	2108,-	2256,-	2496,-	2679,-	2735,-	2852,-	2969,-	3020,-	3141,-	3211,-	3301,-
		1832,-	1869,-	1935,-	2054,-	2308,-	2472,-	2729,-	2928,-	3001,-	3135,-	3268,-	3336,-	3474,-	3560,-	3667,-
2250	1665,-	1685,-	1750,-	1834,-	2071,-	2201,-	2453,-	2625,-	2683,-	2809,-	2902,-	2942,-	2985,-	3048,-	3137,-	
	1807,-	1835,-	1908,-	2007,-	2260,-	2406,-	2674,-	2861,-	2935,-	3077,-	3186,-	3241,-	3300,-	3379,-	3484,-	
2125	1639,-	1651,-	1671,-	1878,-	2030,-	2178,-	2391,-	2564,-	2636,-	2740,-	2817,-	2877,-	2918,-	2983,-	3067,-	
	1773,-	1792,-	1820,-	2042,-	2209,-	2371,-	2599,-	2787,-	2874,-	2993,-	3085,-	3160,-	3216,-	3295,-	3394,-	
2000	1632,-	1640,-	1664,-	1857,-	2002,-	2166,-	2335,-	2538,-	2596,-	2669,-	2745,-	2807,-	2864,-	2921,-	3008,-	
	1758,-	1773,-	1804,-	2011,-	2170,-	2348,-	2531,-	2748,-	2820,-	2907,-	2997,-	3073,-	3144,-	3215,-	3316,-	
1875	1623,-	1629,-	1655,-	1813,-	1982,-	2144,-	2290,-	2508,-	2550,-	2601,-	2675,-	2736,-	2809,-	2867,-	2949,-	
	1741,-	1754,-	1786,-	1957,-	2140,-	2315,-	2474,-	2705,-	2760,-	2824,-	2911,-	2985,-	3072,-	3143,-	3238,-	
Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	

Co-ordinating width (possible in 5 mm steps; widths below 2250 mm on request)

Special sizes with Torsion spring + € 65,-

Timber foil surfaces

For fractional heights: **next standard size up + € 95,-** (only possible in steps of 25 mm)

Co-ordinating height (fractional heights are only possible in steps of 25 mm)	3125	2699,-	2740,-	2798,-	2971,-	3166,-	3320,-	3308,-	3477,-	3591,-	3761,-	3939,-				
	3000	2542,-	2582,-	2641,-	2813,-	3010,-	3041,-	3182,-	3277,-	3425,-	3605,-	3812,-				
	2875	2403,-	2450,-	2493,-	2659,-	2936,-	2811,-	3169,-	3212,-	3258,-	3542,-	3658,-	3758,-			
	2750	2180,-	2228,-	2273,-	2436,-	2745,-	2733,-	3012,-	3138,-	3189,-	3401,-	3500,-	3602,-			
	2625	2024,-	2071,-	2114,-	2281,-	2622,-	2583,-	2856,-	3008,-	3125,-	3248,-	3350,-	3443,-	3620,-		
	2500	1868,-	1913,-	1959,-	2124,-	2401,-	2477,-	2699,-	2900,-	2958,-	3095,-	3191,-	3290,-	3504,-	3608,-	3713,-
	2375	1832,-	1866,-	1931,-	2041,-	2310,-	2396,-	2651,-	2845,-	2903,-	3029,-	3150,-	3204,-	3334,-	3434,-	3534,-
	2250	1812,-	1834,-	1908,-	2001,-	2268,-	2338,-	2606,-	2788,-	2848,-	2984,-	3081,-	3121,-	3168,-	3262,-	3356,-
	2125	1708,-	1722,-	1741,-	1962,-	2123,-	2315,-	2538,-	2721,-	2799,-	2907,-	2988,-	3053,-	3097,-	3189,-	3282,-
	2000	1699,-	1710,-	1733,-	1938,-	2092,-	2302,-	2477,-	2694,-	2754,-	2832,-	2914,-	2975,-	3038,-	3129,-	3219,-
	1875	1689,-	1698,-	1723,-	1891,-	2073,-	2279,-	2431,-	2662,-	2706,-	2759,-	2839,-	2904,-	2981,-	3068,-	3158,-
	Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500

Co-ordinating width (possible in 5 mm steps; widths below 2250 mm on request)

Special sizes with Torsion spring + € 65,-

Raised panel doors with co-ordinating height 2150 mm and 2175 mm are not available

Raised panel division

Width in mm	2000 - 2600	2601 - 3500	3501 - 4000	4001 - 4500	4501 - 5500
Numbers of Cassettes per section	3	4	5	6	7

Door sizes within the frame will be supplied with **Extension spring** as standard. Torsion spring needs to be ordered explicit.

RAL of Choice (Standard- and special dimensions) on the outside. Available colours see product description
Rear mount conversion kit (RM)
Reinforced frame (only in combination with Torsion spring)

per m² € 49,- **Pre-assembled garage door**, max. up to 3000 x 2375 mm € 107,- (with Extension spring only)
 € 73,- **Lock and handle**
 € 92,- Standard size, seen from inside right € 38,-
 Standard size, seen from inside left or in the middle € 72,-
 Special sizes € 38,-

Sectional door Novoferm E® type iso 45

Raised panel (with NovoPort®)



Standard sizes with Extension spring					
Order size, Co-ord.size		Woodgrain		Timber foil surfaces	
Width x Height in mm		Standard white €/piece	Super Color €/piece	€/piece	
2190 x	1925	1536,-	1654,-	1806,-	
	2050	1536,-	1662,-	1806,-	
2250 x	1875	1505,-	1623,-	1809,-	
	2000	1536,-	1662,-	1834,-	
	2125	1536,-	1670,-	1834,-	
2315 x	1925	1503,-	1628,-	1814,-	
	2050	1505,-	1638,-	1814,-	
2375 x	1875	1505,-	1630,-	1809,-	
	2000	1505,-	1638,-	1813,-	
	2125	1503,-	1644,-	1813,-	
	2250	1559,-	1709,-	1859,-	
	2375	1598,-	1756,-	1897,-	
2440 x	1925	1503,-	1635,-	1819,-	
	2050	1505,-	1645,-	1819,-	
2500 x	1875	1505,-	1636,-	1809,-	
	2000	1505,-	1645,-	1813,-	
	2125	1503,-	1652,-	1813,-	
	2250	1559,-	1717,-	1859,-	
	2375	1615,-	1781,-	1929,-	
	2500	1615,-	1790,-	1930,-	
2625 x	2125	1600,-	1756,-	2082,-	
	2750 x	2000	1744,-	1898,-	2057,-
		2125	1770,-	1934,-	2082,-
	2940 x	2250	1823,-	1996,-	2156,-
2750		1885,-	2097,-	2287,-	
2050		1813,-	1982,-	2227,-	
3000 x	2000	1814,-	1982,-	2127,-	
	2125	1813,-	1992,-	2128,-	
	2250	1858,-	2047,-	2312,-	
	2375	1884,-	2084,-	2353,-	
	2500	1934,-	2144,-	2428,-	

Extra price for standard size with Torsion spring + € 65,-

Standard sizes with Torsion spring				
Order size, Co-ord.size		Woodgrain		Timber foil surfaces
Width x Height in mm		Standard white €/piece	Super Color €/piece	€/piece
3000 x	3000	2403,-	2655,-	3003,-
	3250 x	2000	1869,-	2051,-
2125		1909,-	2102,-	2428,-
2250		1961,-	2166,-	2450,-
3500 x	2000	2003,-	2199,-	2569,-
	2125	2044,-	2252,-	2622,-
	2250	2100,-	2321,-	2683,-
3750 x	2000	2131,-	2341,-	2756,-
	2125	2179,-	2402,-	2785,-
	2250	2236,-	2472,-	2843,-
4000 x	2000	2256,-	2480,-	2774,-
	2125	2306,-	2544,-	2817,-
	2250	2367,-	2619,-	2962,-
4250 x	2000	2316,-	2554,-	2878,-
	2125	2370,-	2623,-	2943,-
	2250	2433,-	2701,-	3011,-
4500 x	2000	2370,-	2622,-	2923,-
	2125	2428,-	2696,-	2987,-
	2250	2494,-	2778,-	3067,-
4750 x	2000	2430,-	2696,-	2978,-
	2125	2490,-	2773,-	3032,-
	2250	2555,-	2854,-	3093,-
5000 x	2000	2488,-	2768,-	3026,-
	2125	2537,-	2835,-	3079,-
	2250	2606,-	2921,-	3300,-
5500 x	2000	2661,-	2969,-	3186,-
	2125	2760,-	3087,-	3308,-
	2250	2898,-	3245,-	3475,-

Renovation sizes

Sectional door Novoferm E® type iso 45



Raised panel (with NovoPort®)

Special sizes																
Woodgrain																
For fractional heights: next standard size up + € 99,- (only possible in steps of 25 mm)																
Basic price for standard white sim. to RAL 9016. Prices for Super Color are marked blue.																
Co-ordinating height (fractional heights are only possible in steps of 25 mm)	3125	2845,-	2880,-	2936,-	3105,-	3293,-	3319,-	3448,-	3588,-	3746,-	3906,-	4108,-	4221,-	4477,-		
		3042,-	3088,-	3155,-	3346,-	3556,-	3603,-	3754,-	3916,-	4096,-	4278,-	4502,-	4637,-	4915,-		
	3000	2770,-	2807,-	2865,-	3024,-	3209,-	3241,-	3375,-	3463,-	3608,-	3769,-	3969,-	4081,-	4318,-	4398,-	
		2959,-	3007,-	3075,-	3255,-	3461,-	3514,-	3669,-	3778,-	3944,-	4126,-	4347,-	4480,-	4738,-	4839,-	
	2875	2532,-	2579,-	2741,-	2953,-	3135,-	3173,-	3280,-	3338,-	3475,-	3632,-	3826,-	3930,-	4158,-	4246,-	
		2713,-	2770,-	2942,-	3174,-	3377,-	3435,-	3562,-	3640,-	3797,-	3974,-	4188,-	4312,-	4561,-	4669,-	
	2750	2215,-	2259,-	2269,-	2532,-	2739,-	2852,-	3036,-	3214,-	3345,-	3494,-	3678,-	3780,-	3998,-	4083,-	4191,-
		2388,-	2442,-	2462,-	2744,-	2970,-	3102,-	3306,-	3503,-	3653,-	3821,-	4025,-	4146,-	4383,-	4487,-	4615,-
	2625	2142,-	2181,-	2208,-	2396,-	2652,-	2785,-	2993,-	3164,-	3217,-	3361,-	3537,-	3635,-	3843,-	3920,-	4022,-
		2307,-	2356,-	2392,-	2598,-	2873,-	3024,-	3250,-	3440,-	3511,-	3673,-	3868,-	3984,-	4211,-	4306,-	4426,-
	2500	2092,-	2134,-	2177,-	2322,-	2568,-	2707,-	2921,-	3110,-	3163,-	3292,-	3388,-	3478,-	3677,-	3750,-	3849,-
		2250,-	2300,-	2352,-	2515,-	2778,-	2935,-	3166,-	3373,-	3443,-	3590,-	3703,-	3811,-	4027,-	4118,-	4234,-
	2375	2061,-	2090,-	2148,-	2250,-	2487,-	2635,-	2875,-	3058,-	3114,-	3231,-	3348,-	3399,-	3520,-	3590,-	3680,-
	2211,-	2248,-	2314,-	2433,-	2687,-	2851,-	3108,-	3307,-	3380,-	3514,-	3647,-	3715,-	3853,-	3939,-	4046,-	
2250	2044,-	2064,-	2129,-	2213,-	2450,-	2580,-	2832,-	3004,-	3062,-	3188,-	3281,-	3321,-	3364,-	3427,-	3516,-	
	2186,-	2214,-	2287,-	2386,-	2639,-	2785,-	3053,-	3240,-	3314,-	3456,-	3565,-	3620,-	3679,-	3758,-	3863,-	
2125	2018,-	2030,-	2050,-	2257,-	2409,-	2557,-	2770,-	2943,-	3015,-	3119,-	3196,-	3256,-	3297,-	3362,-	3446,-	
	2152,-	2171,-	2199,-	2421,-	2588,-	2750,-	2978,-	3166,-	3253,-	3372,-	3464,-	3539,-	3595,-	3674,-	3773,-	
2000	2011,-	2019,-	2043,-	2236,-	2381,-	2545,-	2714,-	2917,-	2975,-	3048,-	3124,-	3186,-	3243,-	3300,-	3387,-	
	2137,-	2152,-	2183,-	2390,-	2549,-	2727,-	2910,-	3127,-	3199,-	3286,-	3376,-	3452,-	3523,-	3594,-	3695,-	
1875	2002,-	2008,-	2034,-	2192,-	2361,-	2523,-	2669,-	2887,-	2929,-	2980,-	3054,-	3115,-	3188,-	3246,-	3328,-	
	2120,-	2133,-	2165,-	2336,-	2519,-	2694,-	2853,-	3084,-	3139,-	3203,-	3290,-	3364,-	3451,-	3522,-	3617,-	
Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	
Co-ordinating width [possible in 5 mm steps; widths below 2250 mm on request]																
Special sizes with Torsion spring + € 65,-																

Timber foil surfaces																
For fractional heights: next standard size up + € 99,- (only possible in steps of 25 mm)																
Co-ordinating height (fractional heights are only possible in steps of 25 mm)	3125	3078,-	3119,-	3177,-	3350,-	3545,-	3699,-	3687,-	3856,-	3970,-	4140,-	4318,-				
	3000	2921,-	2961,-	3020,-	3192,-	3389,-	3420,-	3561,-	3656,-	3804,-	3984,-	4191,-				
	2875	2782,-	2829,-	2872,-	3038,-	3315,-	3190,-	3548,-	3591,-	3637,-	3921,-	4037,-	4137,-			
	2750	2559,-	2607,-	2652,-	2815,-	3124,-	3112,-	3391,-	3517,-	3568,-	3780,-	3879,-	3981,-			
	2625	2403,-	2450,-	2493,-	2660,-	3001,-	2962,-	3235,-	3387,-	3504,-	3627,-	3729,-	3822,-	3999,-		
	2500	2247,-	2292,-	2338,-	2503,-	2780,-	2856,-	3078,-	3279,-	3337,-	3474,-	3570,-	3669,-	3883,-	3987,-	4092,-
	2375	2211,-	2245,-	2310,-	2420,-	2689,-	2775,-	3030,-	3224,-	3282,-	3408,-	3529,-	3583,-	3713,-	3813,-	3913,-
	2250	2191,-	2213,-	2287,-	2380,-	2647,-	2717,-	2985,-	3167,-	3227,-	3363,-	3460,-	3500,-	3547,-	3641,-	3735,-
	2125	2087,-	2101,-	2120,-	2341,-	2502,-	2694,-	2917,-	3100,-	3178,-	3286,-	3367,-	3432,-	3476,-	3568,-	3661,-
	2000	2078,-	2089,-	2112,-	2317,-	2471,-	2681,-	2856,-	3073,-	3133,-	3211,-	3293,-	3354,-	3417,-	3508,-	3598,-
	1875	2068,-	2077,-	2102,-	2270,-	2452,-	2658,-	2810,-	3041,-	3085,-	3138,-	3218,-	3283,-	3360,-	3447,-	3537,-
	Co-ordin. sizes	2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500
	Co-ordinating width [possible in 5 mm steps; widths below 2250 mm on request]															
Special sizes with Torsion spring + € 65,-																

Raised panel doors with co-ordinating height 2150 mm and 2175 mm are not available

Raised panel division					
Width in mm	2000 - 2600	2601 - 3500	3501 - 4000	4001 - 4500	4501 - 5500
Numbers of Cassettes per section	3	4	5	6	7

Door sizes within the frame will be supplied with **Extension spring** as standard. Torsion spring needs to be ordered explicit.

RAL of Choice [Standard- and special dimensions]
on the outside. Available colours see product description
Rear mount conversion kit (RM)
Reinforced frame (only in combination with Torsion spring)

per m² € 49,-
€ 73,-
€ 92,-

Pre-assembled garage door, max. up to 3000 x 2375 mm € 107,-
(with Extension spring only)
Lock and handle
Standard size, seen from inside right € 38,-
Standard size, seen from inside left or in the middle € 72,-
Special sizes € 38,-

Sectional door Novoferm E® type iso 45



Accessories

Glazing variant 1, 2 and 3 with plastic double frames

Can be used with : Horizontal rib, Large rib, Flush, Raised panel

Variant 1



With acrylic double pane, clear on both sides or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside dimension approx. 460 x 260 mm, outside frame in garage-door colour or similar to RAL 9016, inside frame similar to RAL9016

€/piece 87,-

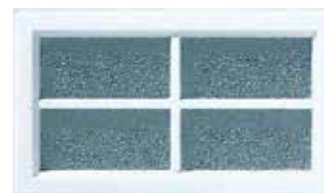
Variant 2



With acrylic double pane, clear on both sides or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside dimension approx. 460 x 260 mm, outside frame in garage-door colour or similar to RAL 9016, inside frame similar to RAL9016

€/piece 105,-

Variant 3



With acrylic double pane, clear on both sides or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside dimension approx. 460 x 260 mm, outside frame in garage-door colour or similar to RAL 9016, inside frame similar to RAL9016

€/piece. 105,-

Width partitioning for glazing variant 1, 2 and 3

Horizontal rib, Large rib and Flush (harmonic partition)

Co-ordinating width (mm)	2000-2370	2371-2949	2950-3529	3530-4099	4100-4679	4680-5500
max. numbers	3	4	5	6	7	8

Raised panel

Co-ordinating width (mm)	2000 - 2600	2601 - 3500	3501 - 4000	4001 - 4500	4501 - 5500
max. numbers	3	4	5	6	7

Glazing variant 1a with plastic double frames

For Standard-and special sizes

Variant 1a only available with the maximum number of windows per section : see width partitioning below

Variant 1a



With acrylic double pane, clear on both sides, or clear outside and crystal structure inside; rame inside dimensions approx. 390 x 190 mm, outside dimension approx. 460 x 260 mm, outside frame in garage-door colour or similar to RAL 9016, inside frame similar to RAL9016. €/piece 114,-



8 windows from 4680 to 5500 mm



6 windows from 3530 to 4099 mm



4 windows from 2371 to 2949 mm



7 windows from 4100 to 4679 mm



5 windows from 2950 to 3529 mm



3 windows from 2000 to 2370 mm

No deviations possible from what is shown

Glazing variant 8 und 9

For Standard- and Special sizes (Large rib and Flush)

Maximum number of windows per section: from co-ord. width 1750 up to 2500 mm = 2, up to 3529 mm = 3, up to 4500 mm = 4, up to 5500 mm = 5 pieces

Variant 8



With acrylic double pane 10 mm clear on both sides or clear outside and crystal inside; frame inside dimensions : ø 290 in mm, frame outside dimensions: ø 350 in mm €/piece 368,-

Variant 9



With acrylic double pane 10mm, clear on both sides or clear outside and crystal structure inside or mastercarre", external frame painted similar to RAL 9006, frame inside dim.: 235 x 235 mm , frame outside dim. 320 x 320 mm €/piece 320,-

Sectional door Novoferm E® type iso 45

Accessories

Fascia panels for lintel compensation (20 mm)

Sectional panel, double-skinned, 20 mm, made of hot galvanized thin sheet, with PUR rigid foam core;
Colour outside: traffic white, similar to RAL 9016; Inside: grey white, similar to RAL 9002
Outer frame size of panel: 250 mm up to 3000 mm

Garge door design	Dimension	Available panel design	Art.-Nr.	€/piece
Horiz. rib, woodgrain	from 60 to 350 mm height	Horiz. rib, woodgrain	SBI20999	41,- per rm.
Horiz. rib, woodgrain	from 351 to 500 mm height	Horiz. rib, woodgrain	SBI20999	50,- per rm.
Large rib, woodgrain	from 60 to 350 mm height	Flush, Woodgrain	SBI20999	41,- per rm.
Large rib, woodgrain	from 351 to 500 mm height	Large rib, Woodgrain	SBI20999	50,- per rm.
Flush, Noblesse (smooth)	from 60 to 350 mm height	Flush, Noblesse (smooth)	SBI20999	63,- per rm.
Flush, Noblesse (smooth)	from 351 to 500 mm height	Flush, Noblesse (smooth)	SBI20999	72,- per rm.

Fascia panels for lintel compensation (45 mm, 4-sided framed)

Sectional panel, double-skinned, 45 mm, made of hot galvanized thin sheet, with PUR rigid foam core;
Colour outside: traffic white, similar to RAL 9016, Golden oak/Satin grey/Dark oak/Mahogany, Colour inside: grey white, similar to RAL 9002;
Special version 4-sided framed with Alu U - profiles
Outer frame size of the panel : min 100 mm , max. 5.500 mm

Garge door design	Dimension	Available panel design	Art.-Nr.	€/piece
Horizontal rib, woodgrain	from 60 to 200 mm height	Horizontal rib, woodgrain	SBI45999	73,- per rm.
Horizontal rib, woodgrain	from 201 to 420 mm height	Horizontal rib, woodgrain	SBI45999	80,- per rm.
Horizontal rib, woodgrain	as of 421 mm height	Horizontal rib, woodgrain	SBI45999	on request
Large rib, woodgrain	from 60 to 200 mm height	Flush, woodgrain	SBI45999	73,- per rm.
Large rib, woodgrain	from 201 to 420 mm height	Large rib, woodgrain	SBI45999	80,- per rm.
Large rib, woodgrain	as of 421 mm height	Large rib, woodgrain	SBI45999	on request
Flush, Noblesse (smooth)	from 60 to 200 mm height	Flush, Noblesse (smooth)	SBI45999	82,- per rm.
Flush, Noblesse (smooth)	from 201 to 420 mm height	Flush, Noblesse (smooth)	SBI45999	94,- per rm.
Flush, Noblesse (smooth)	as of 421 mm height	Flush, Noblesse (smooth)	SBI45999	on request
Large rib, timber foil surfaces***	from 60 to 200 mm height	Flush, timber foil surfaces***	SBI45999	106,- per rm.
Large rib, timber foil surfaces***	from 201 to 420 mm height	Large rib, timber foil surfaces***	SBI45999	116,- per rm.
Large rib, timber foil surfaces***	as of 421 mm height	Large rib, timber foil surfaces***	SBI45999	on request
Large rib, satin*	from 60 to 200 mm height	Flush, satin*	SBI45999	82,- per rm.
Large rib, satin*	from 201 to 420 mm height	Large rib, satin*	SBI45999	94,- per rm.
Large rib, satin*	as of 421 mm height	Large rib, satin*	SBI45999	on request
Flush, woodgrain	from 60 to 200 mm height	Flush, woodgrain	SBI45999	73,- per rm.
Flush, woodgrain	from 201 to 420 mm height	Flush, woodgrain	SBI45999	80,- per rm.
Flush, woodgrain	as of 421 mm height	Flush, woodgrain	SBI45999	on request
Flush, Noblesse (smooth)	from 60 to 200 mm height	Flush, Noblesse (smooth)	SBI45999	82,- per rm.
Flush, Noblesse (smooth)	from 201 to 420 mm height	Flush, Noblesse (smooth)	SBI45999	94,- per rm.
Flush, Noblesse (smooth)	as of 421 mm height	Flush, Noblesse (smooth)	SBI45999	on request
Flush, timber foil surfaces***	from 60 to 200 mm height	Flush, timber foil surfaces***	SBI45999	106,- per rm.
Flush, timber foil surfaces***	from 201 to 420 mm height	Flush, timber foil surfaces***	SBI45999	116,- per rm.
Flush, timber foil surfaces***	as of 421 mm height	Flush, timber foil surfaces***	SBI45999	on request
Flush, satin*	from 60 to 200 mm height	Flush, satin*	SBI45999	82,- per rm.
Flush, satin*	from 201 to 420 mm height	Flush, satin*	SBI45999	94,- per rm.
Flush, satin*	as of 421 mm height	Flush, satin*	SBI45999	on request
Flush, microline**	from 60 to 200 mm height	Flush, microline**	SBI45999	82,- per rm.
Flush, microline**	from 201 to 420 mm height	Flush, microline**	SBI45999	94,- per rm.
Flush, microline**	as of 421 mm height	Flush, microline**	SBI45999	on request
Raised panel, woodgrain	to 379 mm height	Flush, woodgrain	SBI45999	106,- per rm.
Raised panel, woodgrain	from 380 to 420 mm height	Raised panel, woodgrain	SBI45999	113,- per rm.
Raised panel, golden oak, dark oak, mahogany	to 379 mm height	Flush, golden oak, dark oak, mahogany	SBI45999	106,- per rm.
Raised panel, golden oak, dark oak, mahogany	from 380 to 420 mm height	Raised panel, golden oak, dark oak, mahogany	SBI45999	113,- per rm.

* Satin white, Satin grey, Satin Dark grey, Satin brown, ** Satin white, Satin grey, Satin Dark grey *** Golden oak, Dark oak, Mahogany, Winchester, Black oak, Moor oak

Vertical sectional panel



Vertical sectional panel, 3-sided framed incl. bottom-profile and sealing
Same appearance to sectional doors with the same co-ordinating height (rib alignment)
Height analogous to sectional door height
Min. height: 1750 mm; max. height: 3115 mm (25 mm steps)
Min. width: 100 mm; max. width: 1250 mm (mm steps)
Only available in combination with a sectional door
Available panel designs: Horizontal rib, Large Rib, Flush
Not available: raised panel, windows, ventilations

Vertical sectional panel	183,- per m ²
Super Color	28,- per m ²
RAL of choice	49,- per m ²

Minimum charge: 1 m²

Fascia panels / Surface-coating (base paint)

	Art.-Nr.	€/piece
Super Color: (outside) in garage-door colour	-	28,- per m ²
RAL of choice: (outside) in garage-door colour	-	49,- per m ²

Angle-frame-cover-profiles (smooth) Super color or RAL of choice

Angle 20 x 50 mm, cut to size at the factory	WZV00999	98,- per pair
Angle 20 x 80 mm, cut to size at the factory	WZV00999	121,- per pair

Sectional door Novoferm E® type iso 45



Accessories

Angle-frame-cover-profiles (smooth) in Golden oak, Dark oak, Mahagony, Satin surfaces

	Art.-Nr.	€/piece
Angle 20 x 50 mm, (fixed lengths 3000 mm), (max. co-ordinating height = 3000 mm)	WZV00999	98,- per pair
Angle 20 x 80 mm, (fixed lengths 3000 mm), (max. co-ordinating height = 3000 mm)	WZV00999	121,- per pair

Installation aids

Rebate pipe 80 x 40 mm, wall thickness 2 mm, galvanized (to be used when no rebate)	65760999	36,- per rm.	
Anchor-rail C 30 (1000mm) = Art.-Nr. 82550002) or (2000 mm = Art.-Nr. 82550003)		20,- per rm	
S-Anchorset, for side anchoring of angle frames to the masonry for distances to wall of 25-95 mm (to be used in case if front anchoring is not possible).The set consist of 10 special anchors and 2 wall anchors	10600026	15,-	
Ajustable frame anchor set (10 pieces)	10600218	32,-	
3-D Anchorset for uneven walls (10 pieces)	10600217	31,-	
Anchor-rail C 30 (1000mm) = Art.-Nr. 82550002) or (2000 mm = Art.-Nr. 82550003)			
Plastic shims 2, 3, 4 or 5 mm thick, for filling between the angle frames and wall in case of uneven walls. (50 pc)	2 mm	14100001	7,-
	3 mm	14100002	7,-
	4 mm	14100003	7,-
	5 mm	14100004	7,-

Thermo frame set (thermal optimization of the frame) (not possible with reinforced frame)

Thermo frame set 1 (black), max. 3000 x 2375 mm (co-ordinating size)	TZS00001	166,-
Thermo frame set 2, (black), max. 3000 x 3125 mm (co-ordinating size)	TZS00002	194,-
Thermo frame set 3, (black), max. 5500 x 2375 mm (co-ordinating size)	TZS00003	219,-
Thermo frame set 4, (black), max. 5500 x 3125 mm (co-ordinating size)	TZS00004	235,-

Ventilation

Ventilation grating (only for Horizontal rib, Large rib, Flush), nylon, black. Ventilation crosssection 152 cm² ; Frame outer dimensions of the ventilation grating: 457 x 91 mm	66015001	53,-
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Garage-door handle sets

F1 silver coloured anodized	14300001	67,-
F3 brass coloured anodized	14300003	67,-
Stainless steel	14300009	67,-
Traffic white, similar to RAL 9016	14300004	80,-
RAL of choice	14300999	87,-

Aluminium frame set

Existing of: 2 Alu side profiles, 140 mm width, cut to height at the factory (outer frame size = co.ord.size + 280 mm) 1 Alu top profile, 157 mm high, cut to width at the factory (outer frame size = co.ord.size + 157 mm) incl. fixing material (not available in combination with sectional garage doors pre-assembled or with reinforced frame)		
Up to outer frame size 3530 x 2780 mm (equals co.-ord. width 3250 mm x co.-ord.height 2625 mm)		
RAL 9016 standard white	AB000999	201,-
Mixed colour (matching to Satin grey)	AB000999	247,-
Colour RAL 8007 (matching to Golden oak)	AB000999	247,-
Colour RAL 8028 (matching to Dark oak)	AB000999	247,-
Colour RAL 8016 (matching to Mahagony)	AB000999	247,-
other RAL-colours	AB000999	247,-
up to outer frame size 5780 x 2780 mm (equals co.-ord. width 5500 mmx co.-ord.height 2625 mm)		
RAL 9016 standard white	AB000999	251,-
Mixed colour (matching to Satin grey)	AB000999	315,-
Colour RAL 8007 (matching to Golden oak)	AB000999	315,-
Colour RAL 8028 (matching to Dark oak)	AB000999	315,-
Colour RAL 8016 (matching to Mahagony)	AB000999	315,-
other RAL-colours	AB000999	315,-

LED lightning unit (to fix below the lintel); can be shorten on site

Up to door width 3000 mm: 4 LED lights, lengths: 2992 mm (aluminium anodized)	10600086	335,-
Up to door width 3000 mm: 4 LED lights, lengths: 2992 mm (aluminium anodized)	10600087	440,-
Up to door width 5500 mm: 8 LED lights, lengths: 5492 mm (aluminium anodized)	10600088	537,-

Burglar resistance set

ISO45, with operator	Burglar resistance set / NovoPort®	66073003	133,-
	Burglar resistance set / Novomatic	66072003	133,-
iso 45, manual operation	Burglar resistance set	66071003	127,-

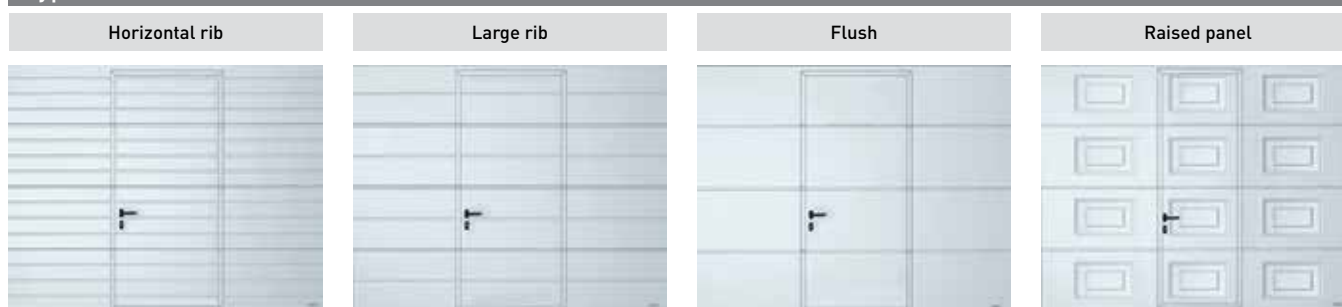
Reinforcement set for panels

Reinforcement profile to fix on the inside of the head section (technical clarification required) To minimize the risk of garage door leaf deflection as of on co-ordinating width 4000 mm (optional). inkl. special console Max. 1 Set per garage door	10600225	187,-
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Sectional door Novoferm E® type iso 45

Pass doors with 24 mm-threshold

Type iso 45



The pattern illustrations conform to the 2500 x 2125 mm garage door size. Other garage door sizes deviate from what is shown.

Type

Horizontal rib, Large rib, Flush, Raised panel

Surfaces (outside/inside)

Woodgrain/stucco or Noblesse (smooth)/stucco

Available colours

Outside traffic white, similar to RAL 9016; Inside grey white, similar to RAL 9002 .

Outside optionally:

- Super Color or RAL of choice
- Golden oak, Dark oak, Mahogany (depends on type)
- Satin (depends on type)

Glazing variants/Light strips (not possible in bottom- or lock section)

Variant 1-3; light strip (technical clarification required); light strip is just available as a complete panel.

Light strip panel will be painted from the inside in the corresponding garage door leaf colour.

Counter balance

Front- or rear mounted torsion springs (FM/RM) (Extension spring is not possible)

Door leaf

Installation dimensions are equivalent to a garage door with the same construction, but without a pass door. **Raised panel doors are not available between co-ordinating height as of 2150 mm up to 2225 mm.** Also windows in top section and multiple locking devices are not possible. Special lock, positioned on the right side seen from inside, with profile cylinder simultaneous locking to pass door, black plastic handle with clamp device.

Pass door

Opening outwards (Opening inwards on request), including pre-assembled upper door closer, mortise lock with profile cylinder, with black plastic rounded handle set cranked/flat, available with OD left or OD right when door is positioned in the middle of the garage door leaf. **Pass door frame profiles in door leaf colour (standard: traffic white similar to RAL9016).** Concealed hinges integrated in section, invisible from outside. Clear passage width 850 mm (600 mm on raised panel doors), threshold 24mm. DPC profile cylinder 71 mm (35,5/35,5). When multiple locking 72 mm (41/31 mm). In combination with LED lightning unit or Thermo frame set: min co.ord. height 2450 mm
Clear passage height: BRH -80 mm

Arrangement of the pass door

Arrangement of the pass door depends on motive and door dimension

	Art.-Nr.	€/piece
Extra price on standard or special dimensions incl. factory fitted pass door contact (for power driven doors) (please state operator type and installation side when ordering).	-	1262,-
Extra price on standard or special dimensions for manual operated doors (retrofitting of operator not possible)	-	1208,-
Pass door-frame profiles to be Super Color	-	167,-
Pass door-frame profiles to be RAL of choice or in a corresponding colour to timber foil surfaces or satin surfaces	-	212,-
Blocking unit for upper door-closer	11200103	33,-
Special operator console (for doors lower co-ordinating height 2150 mm with Novomatic operator)	71240003	22,-
Extra price for internal lock for sectional garage door	10600093	38,-
Multiple locking system (one locking system per garage door section, operate from inside and outside using a profile cylinder)	-	290,-
Panic device (only usable in combination with Alu-lever-knob set)	-	219,-

Sectional door Novoferm E® type iso 45



Pass doors with 24 mm-threshold

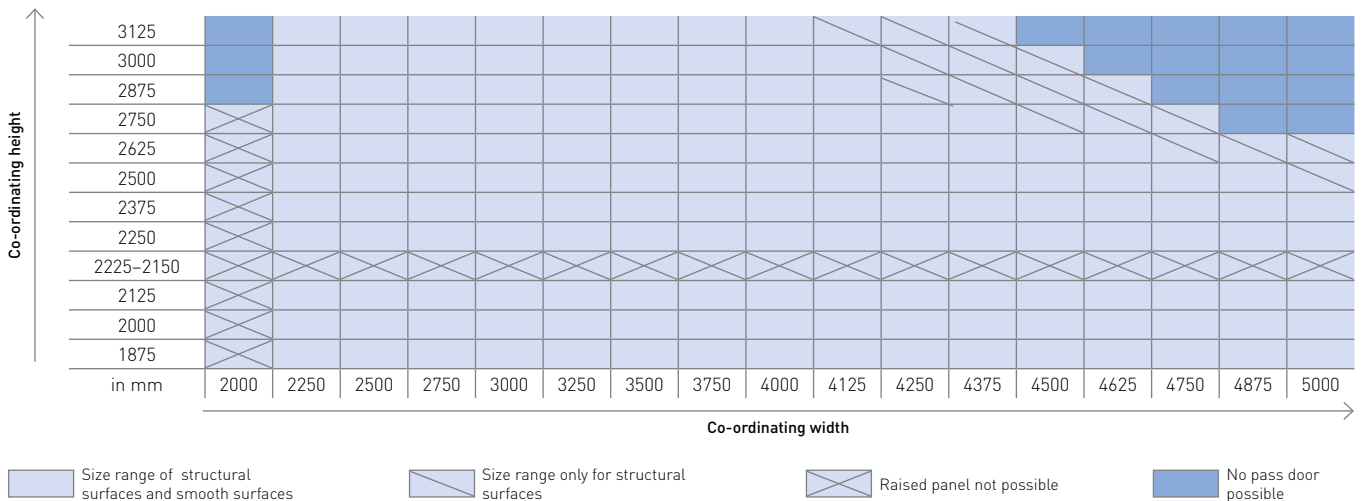
Rounded handle sets

	Art.-Nr.	€/piece
F1 silver coloured anodized	14301001	91,-
F3 brass coloured anodized	14301003	91,-
Stainless steel	14301006	91,-
Standard white, similar to RAL 9016	14301004	111,-
RAL of choice	14301999	113,-
Security handle, F1	14301086	174,-

Knob-lever sets

F1 silver coloured anodized	14301041	96,-
F3 brass coloured anodized	14301043	96,-
Stainless steel	14301045	98,-
Standard white, similar to RAL 9016	14301044	139,-
Black, similar to RAL 9005	14301040	139,-
RAL of choice	14301999	135,-
Security handle, F1	14301088	174,-

Size range



Motive Horizontal rib: The heights 2150 - 2275, 2675, 2700 and 2725 mm are not available with Pass door

Sectional door Novoferm E® type iso 45

Sectional garage door for larger lintel heights

Fields of application

With a sufficient lintel height, the garage door can be redirected with standard hardware, to obtain a greater inside height when the garage door is open. Not possible for sectional doors with extension spring, sectional doors with pass door and sectional garage doors timber.

Type of hardware

Standard hardware with front and rear mounted torsion spring shaft. **Useable only in combination with garage-door operator!**

Installation dimensions

See installation dimensions for front-mounted torsion spring shaft (calculation basis: co-ordinating height 2).

Garage door leaf

Structure of garage-door leaf is equivalent to garage-door leaf of basic garage door with co-ord. height 1 and additional sections.

Exception: With sectional garage-doors horizontal rib, a garage-door with an overall garage-door leaf co-ord. height 2 is delivered. Thus, the rib alignment may deviate from garage doors with co-ord. height 1. The overall garage-door leaf height of all garage doors is equivalent to co-ordinating height 2.

Garage door lock and hardware

All garage doors are produced without a garage-door lock and outside handle.

Garage door operator

Head section predrilled for telescopic operator console on the inside. Select garage-door operator in accordance with overall garagedoor leaf co-ord. height 2. As an accessory for emergency unlocking of the operator, the round cylinder Extra 315 can be used.

Additional ordering information

Optical co-ord. height = co-ord. height 1:

Opening height measured from upper edge finished floor to under-edge of header, only possible in steps of 25 mm. If co-ord.height 1 = 2150,2175,2200,2225 and 2675 then greater header height is not possible. A door leaf modification of 25,50,75,100,300 and 325 mm is also not possible.

Theoretical co-ord. height = co-ord. height 2 = co-ord. height of the overall garage-door construction
(Total of co-ord. height 1 and garage-door leaf increase, only possible in steps of 25 mm)

Caution: Co-ordinating height 2 has to be within the range of special sizes (max: 3125 mm)

Price calculation

Same as special garage-door price of theoretical co-ordinating height = co-ordinating height 2.

Example:

Sectional garage-door co-ordinating size 2500 x 2350/2475 (co-ord. width x co-ord. height 1/co-ord. height 2);
Garage-door leaf increase 125 mm = price same as special garage-door co-ordinating size 2500 x 2475

Sectional door Novoferm E[®] type iso 45



Sectional garage door with roof-coordinated hardware

Fields of application

For iso 45 sectional garage doors with front- and rear mounted torsion spring shaft. Also possible in combination with garage doors for larger lintel heights. **Not possible for sectional doors with extension spring, timber sectional doors and all doors with NovoPort[®] operator!**

Type of hardware

Roof-coordinated hardware options 15°, 20°, 25°, or 30° (please state when ordering).

Installation dimensions

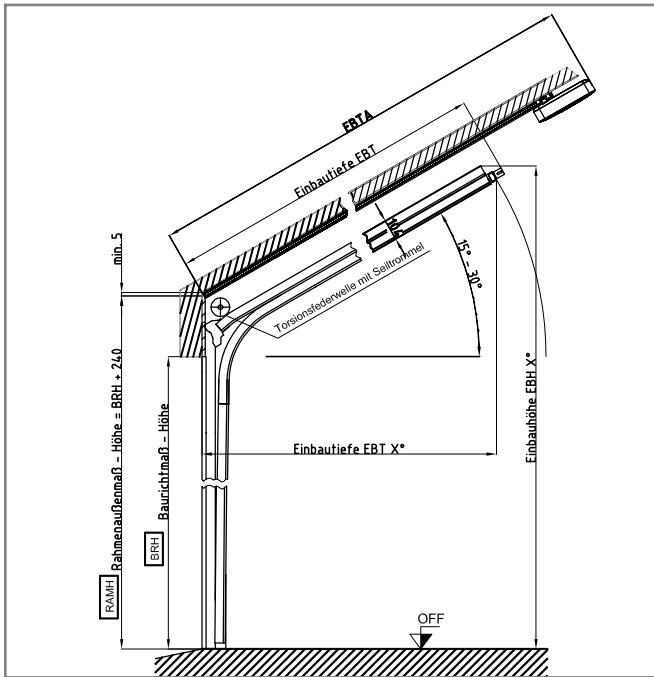
Required header FM: 245 mm (instead of 220 mm)
Required header RM: 115 mm (unchanged)

Prices

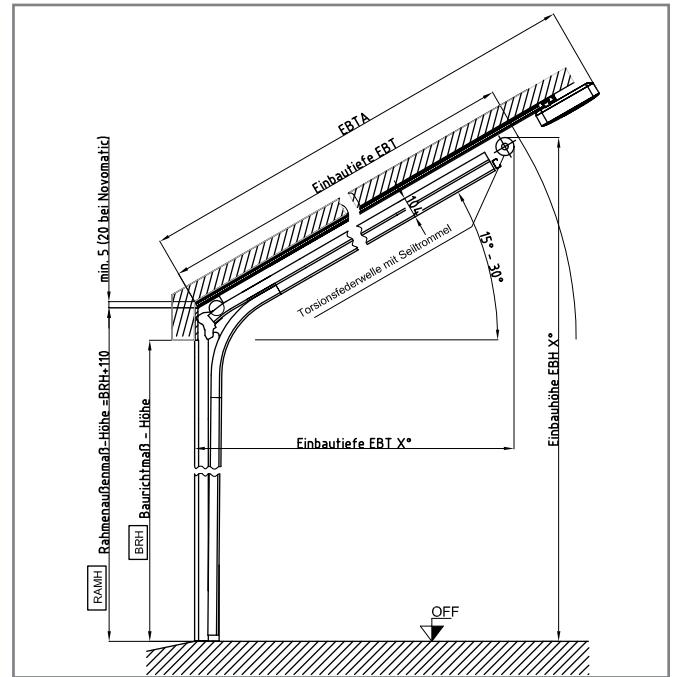
Extra price on top of special garage door price for the respective size:

Up to co-ord. width 3000 mm:	€/piece 382,-
As of co-ord. width 3001 mm:	€/piece 453,-
Retrofitting set incl. special springs:	
Up to co-ord. width 3000 mm:	€/piece 550,-
As of co-ord. width 3001 mm:	€/piece 620,-

Front-mounted torsion spring shaft (FM)



Rear-mounted torsion spring shaft (RM)



Installation dimensions

Front mounted torsion springs												Rear mounted Torsion springs																																																																																																																																																																																																																																																											
BRH	RAMH	BD(ZS)	0°	15°	20°	25°	30°	0°	15°	20°	25°	30°	0°	15°	20°	25°	30°	0°	15°	20°	25°	30°																																																																																																																																																																																																																																																	
EBTA	EBTA15	EBHA15	EBTA20	EBHA20	EBTA25	EBHA25	EBTA30	EBHA30	EBTA	EBTA15	EBHA15	EBTA20	EBHA20	EBTA25	EBHA25	EBTA30	EBHA30	EBTA	EBTA15	EBHA15	EBTA20	EBHA20	EBTA25	EBHA25	EBTA30	EBHA30																																																																																																																																																																																																																																													
1875	2115	20	3320	3238	2795	3152	3068	3042	3333	2909	3588	1875	1985	20	3320	3208	2820	3122	3093	3012	3358	2879	3613	2000	2240	20	3320	3238	2920	3152	3193	3042	3458	2909	3713	2000	2110	20	3320	3208	2945	3122	3218	3012	3483	2879	3738	2125	2365	20	3320	3238	3045	3152	3318	3042	3583	2909	3838	2125	2235	20	3320	3208	3070	3122	3343	3012	3608	2879	3863	2250	2490	20	3320	3238	3170	3152	3443	3042	3708	2909	3963	2250	2360	30	3570	3449	3259	3357	3554	3238	3839	3096	4113	2375	2615	30	3570	3479	3359	3387	3654	3268	3939	3126	4213	2375	2485	30	3570	3449	3384	3357	3679	3238	3964	3096	4238	2500	2740	30	3570	3479	3484	3387	3779	3268	4064	3126	4338	2500	2610	40	4320	4174	3703	4061	4060	3918	4406	3745	4738	2625	2865	40	4320	4204	3803	4091	4160	3948	4506	3775	4838	2625	2735	40	4320	4174	3828	4061	4185	3918	4531	3745	4863	2750	2990	40	4320	4204	3928	4091	4285	3948	4631	3775	4963	2750	2860	40	4320	4174	3953	4061	4310	3918	4656	3745	4988	2875	3115	40	4320	4204	4053	4091	4410	3948	4756	3775	5088	2875	2985	40	4320	4174	4078	4061	4435	3918	4781	3745	5113	3000	3240	40	4320	4204	4178	4091	4535	3948	4881	3775	5213	3000	3110	40	4320	4174	4203	4061	4560	3918	4906	3745	5238	3125	3365	40	4320	4204	4303	4091	4660	3948	5006	3775	5338	3125	3235	40	4320	4174	4328	4061	4685	3918	5031	3745	5363

BRH = Co-ordinating height BD = Belt drive RAMH = Outer frame height EBTA = Installation depth with Novomatic Operator EBHA = Installation height incl. Novomatic Operator

By turning the operator head of 90°, the EBTA will be reduced about 150 mm

Sectional door Novoferm E® type iso 45

Sloping-sectional panel / Compensational-sectional panel

Fields of application

For iso45 sectional garage-doors at hillside location or with specific installation situation.

Not possible for sectional doors with extension spring, sectional doors with pass door and timber garage doors.

Sloping sectional panel (Flush)



Sectional garage door with sloping sectional panel will fit to the slope on hill side
Additional, cutted panel, which reduces the clear passage height by the measure of the sloping sectional panel.

This panel can be produced in 25 mm steps.

Min. difference in height: **50 mm**

Max. difference in height: **475 mm**

	€/piece
Extra price (up to co.ordinating width 3000 mm) on special price of the sectional garage door	1019,-
Extra price (as of co.ordinating width 3001 mm) on special price of the sectional garage door	1224,-

Compensational sectional panel (Large rib and Flush)



For special installation situations with two or more sectional doors, in which the lintel of each door opening is at the same height, but the garage doors are different due to a slope / offset.

Additional, cutted panel, which reduces the clear passage height by the measure of compensational panel height. Bottom profile to be EV1 anodized.

Min. height: **100 mm**

Max.height: **475 mm**

This type is only available with Torsion spring and either Large rib or Flush.

	€/piece
Extra price (up to co.ordinating width 3000 mm) on special price of the sectional garage door	1019,-
Extra price (from on co.ordinating width 3001 mm) on special price of the sectional garage door	1224,-

Programme-overview

Chapter - Table of contents

Product description	58
Technics	59
Sizes	60
Accessories	62

Horizontal rib



DuoPort, **Woodgrain**, Alu-frame construction (Block frame)

Large rib

60



DuoPort, **Woodgrain**, Alu-frame construction (Block frame)

DuoPort, **Noblesse (smooth)**, Alu-frame construction (Block frame)

DuoPort, **Timber foil surfaces**, Alu-frame construction (Block frame)

DuoPort, **Satin surfaces**, Alu-frame construction (Block frame)

Flush

60



DuoPort, **Woodgrain**, Alu-frame construction (Block frame)

DuoPort, **Noblesse (smooth)**, Alu-frame construction (Block frame)

DuoPort, **Timber foil surfaces**, Alu-frame construction (Block frame)

DuoPort, **Satin surfaces**, Alu-frame construction (Block frame)

Raised panel

60



DuoPort, **Woodgrain**, Alu-frame construction (Block frame)

DuoPort, **Timber foil surfaces**, Alu-frame construction (Block frame)

DuoPort 700 h/c

Double-leaf hinged door / Aluminium-frame construction

In accordance with EN 12604 a final position-securing of the door-leaves is required, see chapter accessories, P. 63

Product description of the element

Door leaf: sections 45 mm thick, made of hot galvanized thin sheet, double-skinned, with PUR rigid foam core. Sections framed into aluminium profiles (optionally thermally separated). Door leaf 50/50 division as of co-ordin. width 1750 mm

Duoport doors do not have same appearance than sectional garage doors with the same co-ordinating height!

Motives: Horizontal rib, Large rib, Flush Raised panel
Surface: Woodgrain or Noblesse (smooth)

Frame: Aluminium profiles (optionally thermally separated). Construction depth 70 mm, double rebate gasket 3-sided and rebate- plus sill seal in the area of the thresh hold.
Available as: Block-frame, open inwards or outwards

Surface coating

Door leaf:
Steel sections made of hot galvanized thin sheet with polyester painting on both sides.

Standard:
Outside: traffic white, similar to RAL 9016
Inside: grey-white, similar to RAL 9002

Super Color:

Steel blue	similar to RAL 5011
Moss green	similar to RAL 6005
Fir green	similar to RAL 6009
Anthracite grey	similar to RAL 7016
Light grey	similar to RAL 7035
Window grey	similar to RAL 7040
Ochre brown	similar to RAL 8001
Nut brown	similar to RAL 8011
Sepia brown	similar to RAL 8014
White aluminium	similar to RAL 9006
Grey aluminium	similar to RAL 9007

Colours not available:
Luminous paints
RAL 1026, 2005, 2007,3024, 3026

Pearl effect paints
RAL 1035, 1036, 2013, 3032, 3033, 4011, 4012, 5025, 5026, 6035, 6036, 7048, 8029, 9022, 9023

Dark colours (examples)
RAL 3007, 4006, 4007, 5004, 7021, 8022, 9004, 9005, 9011, 9017, 9021

(With these dark colours, solar radiation causes increased bending and the risk of foam separation)

Special paint:
Outside Super Color or RAL of choice

Frame:
Standard:
Frame and door-leaf frame traffic white, similar to RAL 9016

In case of special painting, the frame will be painted only on the outside in door-leaf colour.

Aluminum light strip:

Standard:
Outside:
Traffic white, similar to RAL 9016 or door colour
Inside: Traffic white, similar to RAL 9016

Lock and hardware

Lock with profile cylinder 31,5 / 60 mm and rounded handle set, alum. colour gandle height 1050 mm from finished floor 2-parted hinges, 3D-adjustable, surface galvanized E6/EV1 (standard)

Standard single lock mechanism or optionally 3- point locking mechanism (possible as of co-ordinating height 1900 mm)

Please state opening direction and type of rebate when ordering. Please also state if the frame should have thermal separation or not.

10 years manuf. guarantee Door-leaf (sections) against rust form inside out
Separation of steel from foam
Bottom-, middle-, side- and lintel sealing

5 years manuf. guarantee Adhesion of colour / timber foil with regards to finished surfaces; corrosion protection and light fastness in domestic market (minor colour deviations are excluded from this); wooden door-leaves locks and hinges in case of normal usage

New Sizes
Width up to 3000 mm!
Price on request

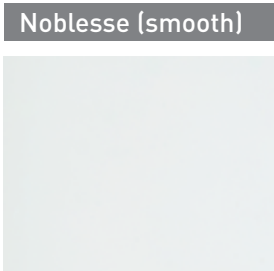
DuoPort 700 h/c

Aluminium-frame construction



Size range

Order size	Overall frame size	Woodgrain	
Width x Height in mm		Traffic white €/piece	Super Color €/piece
from 1350 x 1750	1390 x 1770	2347,-	2581,-
up to 2500 x 2125	2540 x 2145		
from 1350 x 2126	1390 x 2146	2463,-	2738,-
up to 2500 x 2500	2540 x 2520		



Size range

Order size	Overall frame size	Woodgrain		Noblesse (smooth)	
Width x Height in mm		Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece
from 1350 x 1750	1390 x 1770	2347,-	2581,-	2519,-	2753,-
up to 2500 x 2125	2540 x 2145				
from 1350 x 2126	1390 x 2146	2463,-	2738,-	2648,-	2923,-
up to 2500 x 2500	2540 x 2520				



Order size	Overall frame size	Timber foil surfaces	Satin surfaces
Width x Height in mm		€/piece	€/piece
from 1350 x 1750	1390 x 1770	2763,-	2519,-
up to 2500 x 2125	2540 x 2145		
from 1350 x 2126	1390 x 2146	2906,-	2648,-
up to 2500 x 2500	2540 x 2520		



Size range

Order size	Overall frame size	Woodgrain		Noblesse (smooth)	
Width x Height in mm		Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece
from 1350 x 1750	1390 x 1770	3180,-	3414,-	3382,-	3616,-
up to 2500 x 2125	2540 x 2145				
from 1350 x 2126	1390 x 2146	3346,-	3621,-	3588,-	3863,-
up to 2500 x 2500	2540 x 2520				



Order size	Overall frame size	Timber foil surfaces	Satin surfaces
Width x Height in mm		€/piece	€/piece
from 1350 x 1750	1390 x 1770	3739,-	3382,-
up to 2500 x 2125	2540 x 2145		
from 1350 x 2126	1390 x 2146	3934,-	3588,-
up to 2500 x 2500	2540 x 2520		



Size range

Order size	Overall frame size	woodgrain		Timber foil surfaces
Width x Height in mm		Traffic white €/piece	Super Color €/piece	€/piece
from 1750 x 1960	1790 x 1980	3301,-	3535,-	3785,-
up to 2500 x 2235	2540 x 2255			

Only 50/50 division possible

Aluminium frame and window variants will be painted in a corresponding RAL colour when door is ordered with satin surface and timber foil surface

Extra price for thermally seperated ALU-profile (DuoPort 700 h)

Extra price for 3-point locking

RAL of Choice as base paint on the outside (hinges aluminium anodized E6/EV1)

Extra price for painting the hinges in door leaf colour

2-leaf hinged door in asymmetrical division (Standard when co-ord. width <1750mm)

New sizes width up to 3000 mm

€ 755,-
€ 288,-
per m² € 96,-
SuperColor € 167,-
RAL of choice € 212,-
on request
on request

NEW!

AVAILABLE UP TO 3000 MM WIDTH
3D-HINGES ON THERMALLY
SEPARATED ALUMINIUM
PROFILES (OPTIONAL)



DuoPort

The double barn door unit for enhanced scope in your garage

In addition to their superb insulation performance, our insulated DuoPort barn doors give you the option of using your garage as a utility room, for leisure time or hobbies. You can choose whether to open both leaves or only the active leaf, depending on your particular requirements. High-quality, sustainable materials, outstanding workmanship and a very wide choice of options give your garage a timeless look.

Your Novoferm representative or sales advisor is available to help if needed.
For more information, go to www.novoferm.com.



DuoPort 700 h/c

Accessories / Aluminium-frame construction

Fascia panels for lintel compensation (20 mm)

Sectional panel, double-skinned, 20 mm, made of hot galvanized thin sheet, with PUR rigid foam core;
Colour outside: traffic white, similar to RAL 9016; Inside: grey white, similar to RAL 9002
Outer frame size of panel: 250 mm up to 3000 mm

Garge door design	Dimension	Available panel design	Art.-Nr.	€/piece
Horiz. rib, woodgrain	from 60 to 350 mm height	Horiz. rib, woodgrain	SBI20999	41,- per rm..
Horiz. rib, woodgrain	from 351 to 500 mm height	Horiz. rib, woodgrain	SBI20999	50,- per rm..
Large rib, woodgrain	from 60 to 350 mm height	Flush, woodgrain	SBI20999	41,- per rm..
Large rib, woodgrain	from 351 to 500 mm height	Large rib, woodgrain	SBI20999	50,- per rm..
Flush, Noblesse (smooth)	from 60 to 350 mm height	Flush, Noblesse (smooth)	SBI20999	63,- per rm..
Flush, Noblesse (smooth)	from 351 to 500 mm height	Flush, Noblesse (smooth)	SBI20999	72,- per rm..

Fascia panels for lintel compensation (45 mm, 4-sided framed)

Sectional panel, double-skinned, 45 mm, made of hot galvanized thin sheet, with PUR rigid foam core;
Colour outside: traffic white, similar to RAL 9016, Golden oak/Satin grey/Dark oak/Mahogany; Colour inside: grey white, similar to RAL 9002;
Special version 4-sided framed with Alu U - profiles
Outer frame size of the panel : min 100 mm , max. 5.500 mm

Garge door design	Dimension	Available panel design	Art.-Nr.	€/piece
Horizontal rib, woodgrain	from 60 to 200 mm height	Horizontal rib, woodgrain	SBI45999	73,- per rm..
Horizontal rib, woodgrain	from 201 to 420 mm height	Horizontal rib, woodgrain	SBI45999	80,- per rm..
Horizontal rib, woodgrain	as of 421 mm height	Horizontal rib, woodgrain	SBI45999	on request
Large rib, woodgrain	from 60 to 200 mm height	Flush, woodgrain	SBI45999	73,- per rm..
Large rib, woodgrain	from 201 to 420 mm height	Large rib, woodgrain	SBI45999	80,- per rm..
Large rib, woodgrain	as of 421 mm height	Large rib, woodgrain	SBI45999	on request
Flush, Noblesse (smooth)	from 60 to 200 mm height	Flush, Noblesse (smooth)	SBI45999	82,- per rm..
Flush, Noblesse (smooth)	from 201 to 420 mm height	Flush, Noblesse (smooth)	SBI45999	94,- per rm..
Flush, Noblesse (smooth)	as of 421 mm height	Flush, Noblesse (smooth)	SBI45999	on request
Large rib, timber foil surfaces ***	from 60 to 200 mm height	Flush, timber foil surfaces***	SBI45999	106,- per rm..
Large rib, timber foil surfaces ***	from 201 to 420 mm height	Large rib, timber foil surfaces ***	SBI45999	116,- per rm..
Large rib, timber foil surfaces ***	as of 421 mm height	Large rib, timber foil surfaces ***	SBI45999	on request
Large rib, satin*	from 60 to 200 mm height	Flush, satin*	SBI45999	82,- per rm..
Large rib, satin*	from 201 to 420 mm height	Large rib, satin*	SBI45999	94,- per rm..
Large rib, satin*	as of 421 mm height	Large rib, satin*	SBI45999	on request
Flush, woodgrain	from 60 to 200 mm height	Flush, woodgrain	SBI45999	73,- per rm..
Flush, woodgrain	from 201 to 420 mm height	Flush, woodgrain	SBI45999	80,- per rm..
Flush, woodgrain	as of 421 mm height	Flush, woodgrain	SBI45999	on request
Flush, Noblesse (smooth)	from 60 to 200 mm height	Flush, Noblesse (smooth)	SBI45999	82,- per rm..
Flush, Noblesse (smooth)	from 201 to 420 mm height	Flush, Noblesse (smooth)	SBI45999	94,- per rm..
Flush, Noblesse (smooth)	as of 421 mm height	Flush, Noblesse (smooth)	SBI45999	on request
Flush, timber foil surfaces***	from 60 to 200 mm height	Flush, timber foil surfaces***	SBI45999	106,- per rm..
Flush, timber foil surfaces***	from 201 to 420 mm height	Flush, timber foil surfaces***	SBI45999	116,- per rm..
Flush, timber foil surfaces***	as of 421 mm height	Flush, timber foil surfaces***	SBI45999	on request
Flush, satin*	from 60 to 200 mm height	Flush, satin*	SBI45999	82,- per rm..
Flush, satin*	from 201 to 420 mm height	Flush, satin*	SBI45999	94,- per rm..
Flush, satin*	as of 421 mm height	Flush, satin*	SBI45999	on request
Flush, microline**	from 60 to 200 mm height	Flush, microline**	SBI45999	82,- per rm..
Flush, microline**	from 201 to 420 mm height	Flush, microline**	SBI45999	94,- per rm..
Flush, microline**	as of 421 mm height	Flush, microline**	SBI45999	on request
Raised panel, woodgrain	to 379 mm height	Flush, woodgrain	SBI45999	106,- per rm..
Raised panel, woodgrain	from 380 to 420 mm height	Raised panel, woodgrain	SBI45999	113,- per rm..
Raised panel, golden oak, dark oak, mahogany	to 379 mm height	Flush, golden oak, dark oak, mahogany	SBI45999	106,- per rm..
Raised panel, golden oak, dark oak, mahogany	from 380 to 420 mm height	Raised panel, golden oak, dark oak, mahogany	SBI45999	113,- per rm..

* Satin white, Satin grey, Satin Dark grey, Satin brown, ** Satin white, Satin grey, Satin Dark grey *** Golden oak, Dark oak, Mahogany, Winchester, Black oak, Moor oak

DuoPort 700 h/c

Accessories / Aluminium-frame construction



Light strip

Per aluminium light strip, powder coated, traffic white similar to RAL 9016	Art.-Nr.	€/per leaf
Plastic-coated expanded grating, ventilation cross section either 44% or 76%	-	108,-
Cross bar double pane, 16 mm	-	91,-
Double pane clear, 16mm	-	104,-
Double pane crystal structure/clear 16mm	-	111,-
Polycarbonate, double panes clear 16mm	-	111,-

Rounded handle sets

Stainless steel	14301025	93,-
F1 silver coloured anodized, (1 piece will be delivered as standard already)	14301021	93,-
F3 brass coloured anodized	14301023	93,-
Traffic white, similar to RAL 9016	14301024	112,-
RAL of choice	14301999	138,-

Knob-lever sets

Stainless steel	14301045	98,-
F1 silver coloured anodized	14301041	96,-
F3 brass coloured anodized	14301043	96,-
Traffic white, similar to RAL 9016	14301044	139,-
Black, similar to RAL 9005	14301040	139,-
RAL of choice	14301999	139,-

Additional hardware

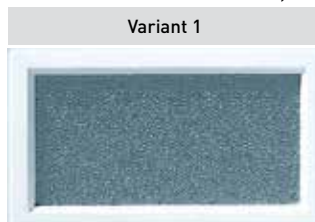
Upper door closer (not for retrofitting) type NFGS55 (not in combination with gass-pressure springs possible)	RX5024482	245,-
For upper door closer NFGS55 with mechanical hold open device	-	69,-
Factory sided preparation for end positioning by gass-pressure springs (only possible when door opens outwards)	-	268,-

Ventilation

Ventilation grating (only for Horizontal rib, Large rib, Flush), nylon, black. Ventilation cross section 152 cm ² ; Frame outer dimensions of the ventilation grating: 457 x 91 mm	66015001	53,-
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Glazing variants with acrylic double pane

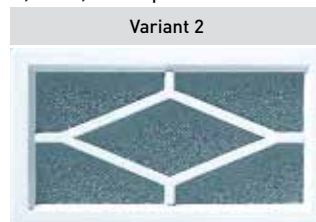
Can be used with : Horizontal rib, Large rib, Flush, Raised panel



Variant 1

With acrylic double pane, clear on both sides or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside dimension approx. 460 x 260 mm, outside frame in garagedoor colour or similar to RAL 9016, inside frame similar to RAL9016

€/piece 87,-



Variant 2

With acrylic double pane, clear on both sides or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside dimension approx. 460 x 260 mm, outside frame in garagedoor colour or similar to RAL 9016, inside frame similar to RAL9016

€/piece 105,-



Variant 3

With acrylic double pane, clear on both sides or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside dimension approx. 460 x 260 mm, outside frame in garagedoor colour or similar to RAL 9016, inside frame similar to RAL9016

€/piece. 105,-



Variant 1a

With acrylic double pane, clear on both sides, or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside dimension approx. 460 x 260 mm, outside frame in garage-door colour or similar to RAL 9016, inside frame similar to RAL9016.

€/piece 114,-

For Standard- and Special sizes (Large rib, Flush and Microline (Flush)

Maximum number of windows per section: from co-ord. width 1750 up to 2500 mm = 2, up to 3529 mm = 3, up to 4500 mm = 4, up to 5500 mm = 5 pieces



Variant 8

With acrylic double pane 10 mm clear on both sides or clear outside and crystal structure inside; Frame inside dimensions : ø 290 in mm, frame outside dimensions: ø 350 in mm

€/piece 368,-



Variant 9

With acrylic double pane 10mm, clear on both sides or clear outside and crystal structure inside or mastercarre'; External frame painted similar to RAL 9006, frame inside dim.: 235 x 235 mm, frame outside dim. 320 x 320 mm

€/piece 320,-

> Product description: P. 58 > Technics: P. 59

Notes



Sectional door Novoferm E[®] type timber 45



Programme overview

Chapter - Table of contents

Product description	66
Technics / Installation examples / Details	67
Standard- and special sizes	70
Accessories	74
Side doors	86

Motive London 70



Horizontal rib, without operator
Horizontal rib, **NovoPort[®]**

Motive Stockholm 70



Flush, without operator
Flush, **NovoPort[®]**

Motive Madrid 70



Raised panel, without operator
Raised panel, **NovoPort[®]**

Motive Amsterdam 72



Herringbone, without operator
Herringbone, **NovoPort[®]**

Motive Rom 72



Rhombus with radiations, without operator
Rhombus with radiations, **NovoPort[®]**

Motive Paris 72



Triangle with radiations, without operator
Triangle with radiations, **NovoPort[®]**

Motive Berlin 73

Special mechanical milling according to customer specification, without operator
Special mechanical milling according to customer specification, **NovoPort[®]**

Sectional door Novoferm E[®] type timber 45

Product description

Garage door leaf

Type timber 45

Solid wood sections made of waterproof glued multi-layer boards, horizontal fiber orientation, untreated. Sections prepared for mounting hardware, lock, and floor seal. Section heights with London (horizontal rib): 375, 500, 525, and 531.25 mm. Section heights with Madrid (raised panel), Amsterdam (herringbone), Rom (rhombus with radiations),

Paris (triangle with radiations), Stockholm (without machining), Berlin (special machining): even height partitioning.

Ribs, raised panels and other motives will be milled by a special machine on the surface of the panel .

Types of timber:

Nordic pine: 22 mm thick three-layered cover board with boiling-waterproof gluing. Sub-construction made of dovetailed and

laminated squared pine wood.

Overall section thickness 47 mm.

Okoume[®]: 20 mm thick five-layered board with boiling-waterproof gluing. Sub-construction made of dovetailed and laminated squared pine wood. Overall section thickness 45 mm. From a co-ordinating width of 3050 mm, the boards are in the middle (due to format), abutted to a concealed glued joint.

Frame and frame panel

Angular frame side parts (with finger protection) and frame panel made of hot galvanized thin sheet. **Special :** Reinforced frame:

Side parts (with finger protection) and frame panel made of hot galvanized thin

Surface: Angular frame side parts smooth, frame panel smooth.

Seals: angular frame side parts and frame panel with EPDM seals. With galvanized bracket at the bottom of the frame to prevent frame from corrosion. **optional:** Angle-frame-cover profiles timber

Surface treatment

Type timber 45

Sections made of Nordic pine and Okoume are supplied untreated to enable optimum environmental compatibility and coloring.

Please observe the information in the mounting and maintenance instructions concerning the storage and final treatment by the customer.

Special painting:

Lasured brown (on factory side) (Aframasia) only possible for Okoume

Counter balance

Standard: Front-mounted torsion spring shaft (FM), with galvanized torsion springs, tested spring brake safety feature

in accordance with DIN EN 12604 and steel ropes inside.

Special equipment: rear-mounted torsion spring shaft (RM, low-header hardware)

Garage-door lock and hardware

Standard scope of supply without plastic handle and special lock.

Available with lock pack and lock cut-out at the factory on request.

Locking existing of: Lock pack (black plastic handle with safety profile half cylinder DPC 30.5/10; 40.5 mm long; lever 25° lower left, in accordance with DIN 18252), locking bar and lock cut out. Galvanized steel hinges and rope fastenings.

Garage doors with operator but without 2nd entrance:

Emergency unlocking cylinder Extra 315 required

Manual operated doors:

Locking packaged required

NovoPort[®] – automatic garage-door system

Technical data:

24 V DC-motor, connection 230 V/50 Hz, 240 watt, maximum push and pull 550 N, tested according to Garage Doors Product Standard DIN EN 13241-1, CE mark

Control electronics: Menu-guided control with diagnostics display, economy circuit,

power consumption in standby mode: only 0,5 W

soft start/stop, automatic power limit with 2-processor safety technology, separately adjustable automatic shutdown device for both directions, reference-point limit shutdown, running time limiter, right/left mounting possible.

Hardware:

Digital KeeLoq remote control, 433 MHz,

with 2- channel mini hand transmitter, **(up to 30 codes storeable)** background-lighted wall switch in control housing, integrated LED light (1,6W), lighting time 60 s to 4 min or programmable warning light, connection possibility for external lighting or warning light up to 500 W, quick unlocking inside. Power transmission via toothed belt.

Optional: with additional module also useable via APP „Tydom“

Scope of delivery

Standard – dis assembled: Section packet, Frame packet, Operator packet (when NovoPort[®])

By using Novomatic operators a telescopic console is necessary

5 years manuf. guarantee

Adhesion of colour / timber foil with regards to finished surfaces; Corrosion protection and light fastness in domestic markets (minor colour deviations are excluded from this); Wooden door leaves ; Locks, hinges, springs, bearings, rollers, cable pulleys and cables in case of normal usage* ; Mechanical parts operator and operator control

2 years manuf. guarantee

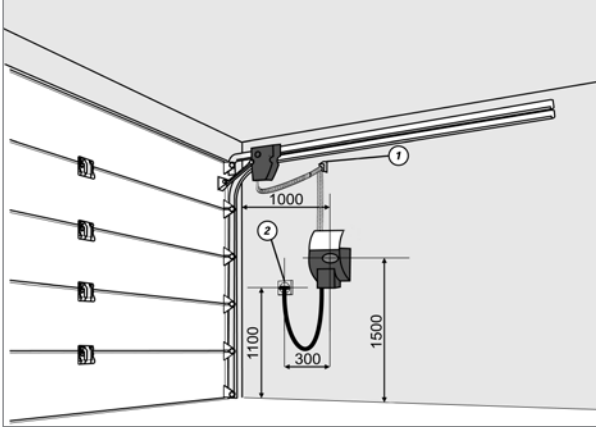
Radio control- and accessories for operators

*up to 25.000 Cycles

Installation examples

Standard-Installation

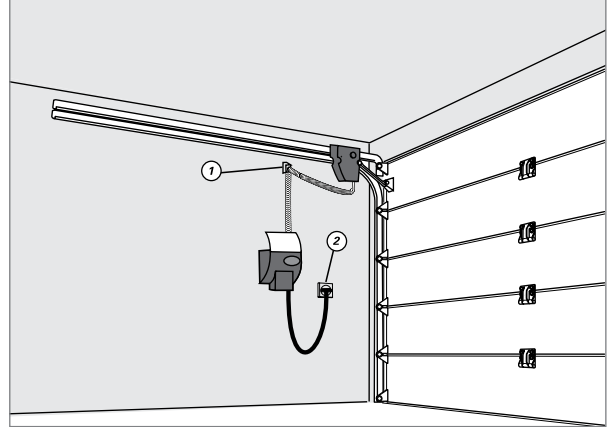
Operator in the right garage door track
Control box mounted on the right wall



(1) Wall fastening (2) Mains socket

Standard-Installation

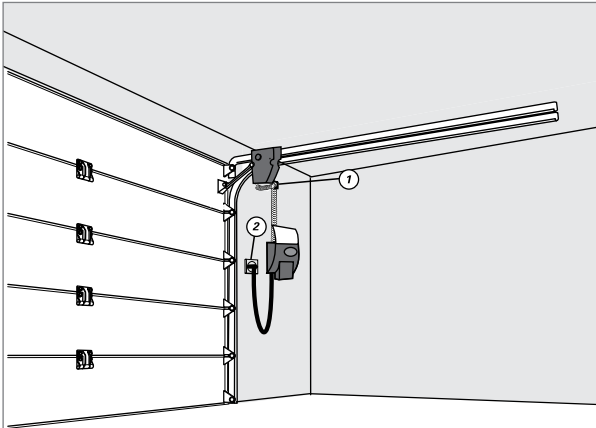
Operator in the left garage door track
Control box mounted on the left wall



(1) Wall fastening (2) Mains socket

Standard-Installation

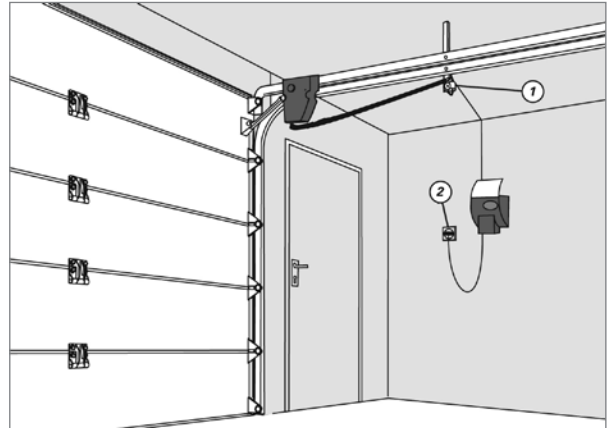
Operator in the right garage door track
Control box next to the door



(1) Wall fastening (2) Mains socket

Installation with cable extension

Operator in the right garage door track
Control box mounted on the right wall with cable extension



(1) Wall fastening (2) Mains socket

Sectional door Novoferm E[®] type timber 45



Details

Section pattern

Model London

Co.-ord. height (in mm)	Number of sections	Section heights (standard pattern)					
		Bottom section	Locking section	Middle section 1	Middle section 2	Middle section 3	Head section
3000	6	500	500	500	500	500	500
2875	6	500	500	500	500	375	500
2750	6	500	500	500	375	375	500
2625	5	525	525	525	525		525
2500	5	500	500	500	500		500
2375	5	500	500	500	375		500
2250	5	500	500	375	375		500
2125	4	531,25	531,25	531,25			531,25
2000	4	500	500	500			500
1875	4	500	500	375			500
1750	4	500	500	375			375

All dimensions in mm

Models Stockholm / Madrid / Amsterdam / Rom / Paris / Berlin

Co.-ord. height (in mm)	Number of sections	Section heights (standard pattern)					
		Bottom section	Locking section	Middle section 1	Middle section 2	Middle section 3	Head section
3000	6	500	500	500	500	500	500
2875	6	479,17	479,17	479,17	479,17	479,17	479,17
2750	6	458,33	458,33	458,33	458,33	458,33	458,33
2625	5	525	525	525	525		525
2500	5	500	500	500	500		500
2375	5	475	475	475	475		475
2250	5	450	450	450	450		450
2125	4	531,25	531,25	531,25			531,25
2000	4	500	500	500			500
1875	4	468,75	468,75	468,75			468,75
1750	4	437,5	437,5	437,5			437,5

All dimensions in mm

Final coating

Wooden doors have to be treated in regular intervals on site.

Reinforcement set for garage door leaf

Sectional doors type timber 45 will have a reinforcement on the head section as standard.

As of co-ordinating width 3050 mm every section will be provided with reinforcement parts [27x50]

Sectional door Novoferm E[®] type timber 45

Nordic pine



NovoPort[®]-System



Standard sizes

Motive London

Order size, Co.ordin.size		without operator	with NovoPort [®]
Width x Height in mm		Horizontal rib €/piece	Horizontal rib €/piece
2375 x	2125	1882,-	2261,-
2500 x		1955,-	2334,-
4000 x		2932,-	3311,-
4500 x		3224,-	3603,-
5000 x		3539,-	3918,-



Note production time

Motive Stockholm

Order size, Co.ordin.size		without operator	with NovoPort [®]
Width x Height in mm		Flush €/piece	Flush €/piece
2375 x	2125	1882,-	2261,-
2500 x		1955,-	2334,-
4000 x		2932,-	3311,-
4500 x		3224,-	3603,-
5000 x		3539,-	3918,-



Note production time

Motive Madrid

Order size, Co.ordin.size		without operator	with NovoPort [®]
Width x Height in mm		Raised panel €/piece	Raised panel €/piece
2375 x	2125	2629,-	3008,-
2500 x		2653,-	3032,-
4000 x		4102,-	4481,-
4500 x		4220,-	4599,-
5000 x		4729,-	5108,-



Note production time

Extra price

Okoumé (untreated)

Okoume 'lasured on factory side (Aframasia) (additional to the extra price of Okoume ' untreated)

Conversion set rear-mounted torsion spring shaft (RM)

Reinforced frame

Lock and handle

Standard size, seen from inside right

Standard size, seen from inside left or in the middle

Special sizes

per m² € 57,-

per m² € 100,-

€ 73,-

€ 92,-

€ 38,-

€ 72,-

€ 38,-

Sectional door Novoferm E[®] type timber 45

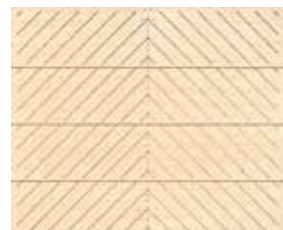
Nordic pine



Standard sizes

Motive Amsterdam

Order size, Co.ordin.size		without operator	with NovoPort [®]
Width x Height in mm		Herringbone €/piece	Herringbone €/piece
2375 x	2125	2828,-	3207,-
2500 x		2940,-	3319,-
4000 x		4437,-	4816,-
4500 x		4897,-	5276,-
5000 x		5377,-	5756,-



Note production time

Motive Rom

Order size, Co.ordin.size		without operator	with NovoPort [®]
Width x Height in mm		Rhombus with radiations €/piece	Rhombus with radiations €/piece
2375 x	2125	2828,-	3207,-
2500 x		2940,-	3319,-
4000 x		4437,-	4816,-
4500 x		4897,-	5276,-
5000 x		5377,-	5756,-



Note production time

Motive Paris

Order size, Co.ordin.size		without operator	with NovoPort [®]
Width x Height in mm		Triangle with radiations €/piece	Triangle with radiations €/piece
2375 x	2125	2828,-	3207,-
2500 x		2940,-	3319,-
4000 x		4437,-	4816,-
4500 x		4897,-	5276,-
5000 x		5377,-	5756,-



Note production time

Extra price

Okoumé (untreated)

Okoume 'lasured on factory side (Aframasia) (additional to the extra price of Okoume ' untreated)

Conversion set rear-mounted torsion spring shaft (RM)

Reinforced frame

Lock and handle

Standard size, seen from inside right

Standard size, seen from inside left or in the middle

Special sizes

per m² € 57,-

per m² € 100,-

€ 73,-

€ 92,-

€ 38,-

€ 72,-

€ 38,-

Sectional door Novoferm E[®] type timber 45



Nordic pine

Special sizes														
Amsterdam · Rom · Paris, without operator		For fractional heights: next standard size up + € 99,- (only possible in steps of 25 mm)												
Co-ordinating height (fractional heights are only possible in steps of 25 mm)	3000	4194,-	4380,-	4563,-	4986,-	5353,-	5715,-	6139,-						
	2875	4086,-	4264,-	4443,-	4854,-	5213,-	5565,-	5975,-						
	2750	3930,-	4098,-	4271,-	4661,-	5009,-	5344,-	5738,-						
	2625	3743,-	3907,-	4067,-	4437,-	4764,-	5083,-	5455,-	5881,-					
	2500	3591,-	3747,-	3904,-	4258,-	4616,-	4866,-	5226,-	5632,-	5943,-	6256,-			
	2375	3485,-	3635,-	3782,-	4122,-	4424,-	4715,-	5060,-	5473,-	5755,-	6056,-	6359,-		
	2250	3291,-	3432,-	3574,-	3888,-	4168,-	4443,-	4766,-	5127,-	5408,-	5693,-	5973,-	6289,-	6414,-
	2125	3120,-	3255,-	3383,-	3682,-	3945,-	4203,-	4504,-	4850,-	5108,-	5378,-	5642,-	5937,-	6200,-
	2000	2978,-	3101,-	3225,-	3506,-	3754,-	3994,-	4284,-	4611,-	4861,-	5110,-	5360,-	5642,-	5891,-
	1875	2869,-	2989,-	3106,-	3377,-	3614,-	3841,-	4117,-	4435,-	4672,-	4985,-	5152,-	5418,-	5661,-
Co-ordinating sizes		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
Co-ordinating width [possible in 5 mm steps; widths below 2250 mm on request]														



Special sizes														
Amsterdam · Rom · Paris, with NovoPort [®]		For fractional heights: next standard size up + € 99,- (only possible in steps of 25 mm)												
Co-ordinating height (fractional heights are only possible in steps of 25 mm)	3000	4573,-	4759,-	4942,-	5365,-	5732,-	6094,-	6518,-						
	2875	4465,-	4643,-	4822,-	5233,-	5592,-	5944,-	6354,-						
	2750	4309,-	4477,-	4650,-	5040,-	5388,-	5723,-	6117,-						
	2625	4122,-	4286,-	4446,-	4816,-	5143,-	5462,-	5834,-	6260,-					
	2500	3970,-	4126,-	4283,-	4637,-	4995,-	5245,-	5605,-	6011,-	6322,-	6635,-			
	2375	3864,-	4014,-	4161,-	4501,-	4803,-	5094,-	5439,-	5852,-	6134,-	6435,-	6738,-		
	2250	3670,-	3811,-	3953,-	4267,-	4547,-	4822,-	5145,-	5506,-	5787,-	6072,-	6352,-	6668,-	6793,-
	2125	3499,-	3634,-	3762,-	4061,-	4324,-	4582,-	4883,-	5229,-	5487,-	5757,-	6021,-	6316,-	6579,-
	2000	3357,-	3480,-	3604,-	3885,-	4133,-	4373,-	4663,-	4990,-	5240,-	5489,-	5739,-	6021,-	6270,-
	1875	3248,-	3368,-	3485,-	3756,-	3993,-	4220,-	4496,-	4814,-	5051,-	5364,-	5531,-	5797,-	6040,-
Co-ordinating sizes		2250	2375	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
Co-ordinating width [possible in 5 mm steps; widths below 2250 mm on request]														



Special milling accord. to customer specification (Berlin)

Price of Motive Stockholm + € 966,-

Sectional door Novoferm E[®] type timber 45

Accessories

Fascia panels type timber for lintel compensation

		Art.-Nr.	€/piece
Waterproof glued multilayer board, untreated, Nordic pine 22mm thick, Okoume 20 mm thick			
Panel Stockholm (Flush) height 30 to 145 mm	Nordic pine	30563999	44,- per rm.
	Okoumé	30563999	49,- per rm.
Panel Stockholm (Flush) height 146 to 300 mm	Nordic pine	30563999	86,- per rm.
	Okoumé	30563999	94,- per rm.
Panel London (Horiz.rib) height 146 to 300 mm	Nordic pine	30563999	331,- per m ²
	Okoumé	30563999	385,- per m ²
Panel Madrid (Raised panel) height 350 to 520 mm	Nordic pine	30563999	355,- per m ²
	Okoumé	30563999	292,- per m ²
Panel Amsterdam, Rom und Paris		-	on request
Panel to be lasured on factory side in Okoumé (Aframasia)		-	95,- per m ²

Wooden frame-cover profiles (incl. panel for lintel compensation)

Wooden frame-cover profiles, Breite 150 mm, lintel height up to 150 mm (up to co-ord.width 3500 mm)	Nordic pine	498,-
Wooden frame-cover profiles, Breite 150 mm, Lintel height up to 150 mm (as of co-ord.width 3501 mm)		587,-
Wooden frame-cover profiles, Breite 150 mm, Lintel height 151 mm - 300 mm (up to co-ord.width 3500 mm)	Nordic pine	660,-
Wooden frame-cover profiles, Breite 150 mm, Lintel height 151 mm - 300 mm (as of co-ord.width 3501 mm)		762,-
Wooden frame-cover profiles, Breite 150 mm, Lintel height 301 mm - 500 mm (as of co-ord.width 3500 mm)	Nordic pine	825,-
Wooden frame-cover profiles, Breite 150 mm, Lintel height 301 mm - 500 mm (as of co-ord.width 3501 mm)		957,-
Okoumé (untreated)		per m ² € 57,-
Okoume 'lasured on factory side (Aframasia) (additional to the extra price of Okoume' untreated)		per m ² € 100,-

Installation aids

Rebate pipe 80 x 40 mm, wall thickness 2 mm, galvanized(to be used when there is no rebate)		65760999	36,- per rm.
Special anchor set, for side anchoring of angle frames to the masonry for distances to wall of 25-95 mm (to be used if anchoring is not possible). The set consists of 10 special anchors and 2 wall anchors		10600026	15,- per set
Adjustable frame-anchor set (10 pieces)		10600218	32,-
3-D anchor set for uneven walls (10 pieces)		10600217	31,-
Plastic shims, 2, 3, 4 or 5 mm thick, for filling between the angle frames and the wall in case of uneven walls (total of 50 pieces)	2 mm	14100001	7,-
	3 mm	14100002	7,-
	4 mm	14100003	7,-
	5 mm	14100004	7,-

Garage-door handle sets

F1 silver coloured anodized		14300001	67,-
Stainless steel		14300009	67,-
Traffic white, similar to RAL 9016		14300004	80,-
RAL of choice		14300999	87,-

LED lightning unit (to fix below the lintel); can be shorten on site

Up to door width 3000 mm: 4 LED lights, lengths: 2992 mm (aluminium anodized)		10600086	335,-
Up to door width 3000 mm: 4 LED lights, lengths: 2992 mm (aluminium anodized)		10600087	440,-
Up to door width 5500 mm: 8 LED lights, lengths: 5492 mm (aluminium anodized)		10600088	537,-

Glazing

not available for sectional garage-doors type timber 45

Programme overview

Chapter - Table of contents

Product description iso 20 / iso 45 / timber 45	76 / 80 / 86
Technics	77
Accessories iso 20 / iso 45 / timber 45	79 / 84 / 89

Horizontal rib as of 78



iso 20, Woodgrain , Alu-frame construction (Block-, Corner- and Clamp frame)	78
iso 45, Woodgrain , Alu-frame construction (Block-, Corner- and Clamp frame)	82

Large rib as of 78



iso 20, Woodgrain , Alu-frame construction (Block-, Corner- and Clamp frame)	78
iso 45, Woodgrain , Alu-frame construction (Block-, Corner- and Clamp frame)	82
iso 45, Noblesse (smooth) , Alu-frame construction (Block-, Corner- and Clamp frame)	82
iso 45, Timber foil surfaces , Alu-frame construction (Block-, Corner- and Clamp frame)	82
iso 45, Satin surfaces , Alu-frame construction (Block-, Corner- and Clamp frame)	82

Flush as of 78



iso 20, Noblesse (smooth) , Alu-frame construction (Block-, Corner- and Clamp frame)	78
iso 45, Woodgrain , Alu-frame construction (Block-, Corner- and Clamp frame)	83
iso 45, Noblesse (smooth) , Alu-frame construction (Block-, Corner- and Clamp frame)	83
iso 45, Timber foil surfaces , Alu-frame construction (Block-, Corner- and Clamp frame)	83
iso 45, Satin surfaces , Alu-frame construction (Block-, Corner- and Clamp frame)	83
iso 45, Microline , Alu-frame construction (Block-, Corner- and Clamp frame)	83

Raised panel 83



iso 45, Woodgrain , Alu-frame construction (Block-, Corner- and Clamp frame)	
iso 45, Timber foil surfaces , Alu-frame construction (Block-, Corner- and Clamp frame)	

Side doors timber 45 88



London	
Stockholm	
Madrid	
Amsterdam	
Rom	
Paris	

Side doors Novoferm E[®] type iso 20

Product description / Aluminium-frame construction

Door element

Door leaf:

Door-leaf fillings made of 20 mm thick, double-skinned steel sections with PUR rigid foam core, bordered with aluminium profiles. Same appearance as sectional garage doors with same co.-ordinating height. For standard sizes, the alignment of Horizontal rib, Large rib or Flush is only possible with doors of the same height. (Slight deviations to rib alignment possible.)

Motive: Horizontal rib, Large rib, Flush

Surface: woodgrain or Noblesse (smooth) (depends on motive)

Frame: Aluminium profiles, ready to install, (not thermally separated). Installation depth 55 mm, double rebate seal on three sides and lip seal in the sill area. **Available as:**

Block frame (Standard), inwards- or outwards opened,

Corner frame, 3-sided, inwards- or outwards opened

Corner frame, 4-sided, only outwards opened,

Clamp frame 3-sided, only outwards opened (Masonry width 60 up to 85 mm or 86 up to 110 mm or 111 up to 125 mm)

Surface coating

Door leaf:

Steel sections made of hot galvanized thin sheet with polyester painting on both sides.

Standard:

Outside: traffic white, similar to RAL 9016
Inside: grey-white, similar to RAL 9002

Super Color:

Steel blue	similar to RAL 5011
Moss green	similar to RAL 6005
Fir green	similar to RAL 6009
Anthracite grey	similar to RAL 7016
Light grey	similar to RAL 7035
Window grey	similar to RAL 7040
Ochre brown	similar to RAL 8001
Nut brown	similar to RAL 8011
Sepia brown	similar to RAL 8014
White aluminium	similar to RAL 9006
Grey aluminium	similar to RAL 9007

Colours not available:

Luminous paints

RAL 1026, 2005, 2007, 3024, 3026

Pearl effect paints

RAL 1035, 1036, 2013, 3032, 3033, 4011, 4012, 5025, 5026, 6035, 6036, 7048, 8029, 9022, 9023

Dark colours (examples)

RAL 3007, 4006, 4007, 5004, 7021, 8022, 9004, 9005, 9011, 9017, 9021

(With these dark colours, solar radiation causes increased bending and the risk of foam separation)

Special paint:

Outside Super Color

Frame:

Standard:

Frame and door-leaf frame traffic white, similar to RAL 9016

In case of special painting, the frame will be painted only on the outside in door leaf colour.

Lock and hardware

Lock with profile cylinder 31,0 / 46,0 and black plastic rounded handle set (with oval plastic rosettes, handle height 1050 mm from finished floor

Standard single lock mechanism or optionally 3- point locking mechanism incl. hinge pin security for burglar resistance

Please state direction of opening and type of installation (in the opening or behind the opening) when ordering.

Frame type: (Block frame / Corner frame / Clamp frame) please state when ordering.

10 years manuf. guarantee Door-leaf (sections) against rust from inside out
Separation of steel from foam
Bottom-, middle-, side- and lintel sealing

5 years manuf. guarantee Adhesion of colour / Timber foil with regards to finished surfaces; corrosion protection and light fastness in domestic market (minor colour deviations are excluded from this); wooden door leaves locks and hinges in case of normal usage

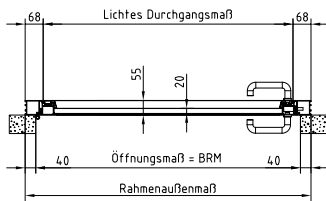
Side doors Novoferm E[®] type iso 20



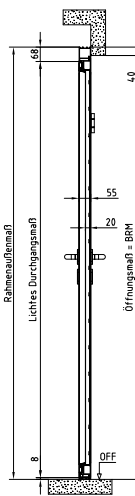
Technics / Aluminium-frame construction

Block frame (opens outwards and inwards)

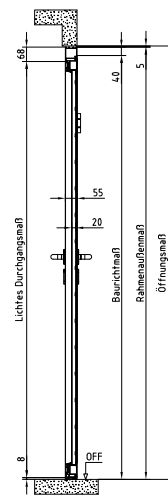
Horizontal cut (Installation behind the opening)



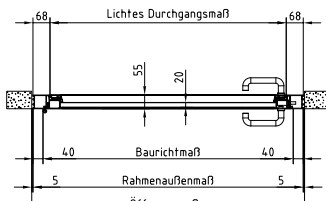
Vertical cut (Installation behind the opening)



Vertical cut (Installation in the opening)

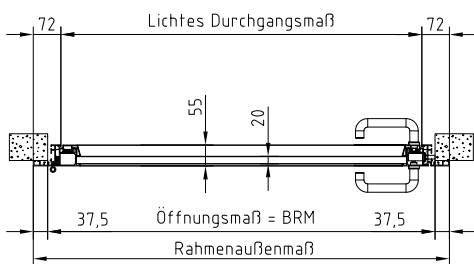


Horizontal cut (Installation in the opening)

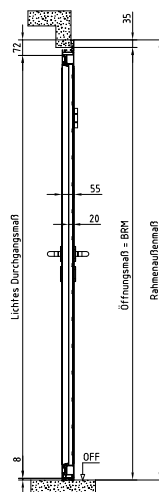


Corner frame 3- sided (opens outwards and inwards) or 4-sided (opens only outwards)

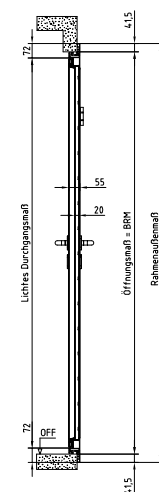
Horizontal cut



Vertical cut (3-sided)

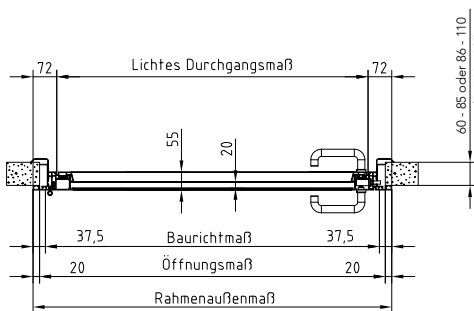


Vertical cut (4-sided)

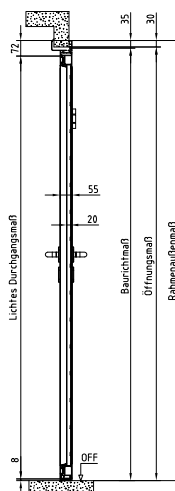


Clamp frame for 3- or 4-sided corner frame (opens only outwards)

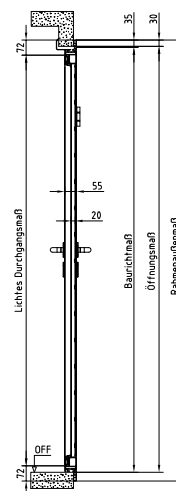
Horizontal cut



Vertical cut (3-sided)



Vertical cut (4-sided)



Side doors Novoferm E[®] type iso 20

Aluminium frame construction (Corner frame, Block frame)

Woodgrain



Noblesse (smooth)



Super Color



Horizontal rib



Large rib



Flush



Standard sizes

Order size	Over all frame size Block frame	Woodgrain	
		Traffic white €/piece	Super Color €/piece
Width x Height in mm			
875 x 2000	955 x 2040	773,-	940,-
2125	2165	773,-	940,-
1000 x 2000		806,-	973,-
2125	2165	806,-	973,-

Special sizes

Order size	Over all frame size Block frame	Woodgrain	
		Traffic white €/piece	Super Color €/piece
Width x Height in mm			
750 x 1875	830 x 1915	967,-	1134,-
1000 x 2250	1080 x 2290	967,-	1134,-

Standard sizes

Order size	Over all frame size Block frame	Woodgrain	
		Traffic white €/piece	Super Color €/piece
Width x Height in mm			
875 x 2000	955 x 2040	773,-	940,-
2125	2165	773,-	940,-
1000 x 2000		806,-	973,-

Special widths

Order size	Over all frame size Block frame	Woodgrain	
		Traffic white €/piece	Super Color €/piece
Width in mm			
750 x 1000	830 x 1080	967,-	1134,-

Special heights will not be available with this model!

Standard sizes

Order size	Over all frame size Block frame	Noblesse (smooth)	
		Traffic white €/piece	Super Color €/piece
Width x Height in mm			
875 x 2000	955 x 2040	860,-	1027,-
2125	2165	860,-	1027,-
1000 x 2000		937,-	1104,-
2125	2165	937,-	1104,-

Special widths

Order size	Over all frame size Block frame	Noblesse (smooth)	
		Traffic white €/piece	Super Color €/piece
Width in mm			
750 x 1000	830 x 1080	1045,-	1212,-

Special heights will not be available with this model!

Frame type (Block frame/Corner frame) - Please state when ordering -

Same alignment to sectional doors of co-ordinating height 2000 mm or 2125 mm. Rib alignment can deviate slightly. Pre-assembled for opening inwards, either DIN right or DIN left. **Please state when ordering.**

Clamp frame
3-point locking with hing pin security

€ 211,-
€ 288,-

Side doors Novoferm E[®] type iso 20



Accessories / Aluminium-frame construction

Panels for lintel compensation (20 mm)

Sectional panel, double-skinned, 20 mm,
made of hot galvanized thin sheet, with PUR rigid foam core;
Colour outside: traffic white, similar to RAL 9016; Inside: grey white, similar to RAL 9002
Outer frame size of panel: 250 mm up to 3000 mm

Garge door design	Dimension	Available panel design	Art.-Nr.	€/piece
Horiz. rib, woodgrain	from 60 to 350 mm Height	Horiz. rib, woodgrain	SBI20999	41,- per rm.
Horiz. rib, woodgrain	from 351 to 500 mm Height	Horiz. rib, woodgrain	SBI20999	50,- per rm.
Large rib, woodgrain	from 60 to 350 mm Height	Flush, woodgrain	SBI20999	41,- per rm.
Large rib, woodgrain	from 351 to 500 mm Height	Large rib, woodgrain	SBI20999	50,- per rm.
Flush, Noblesse (smooth)	from 60 to 350 mm Height	Flush, Noblesse (smooth)	SBI20999	63,- per rm.
Flush, Noblesse (smooth)	from 351 to 500 mm Height	Flush, Noblesse (smooth)	SBI20999	72,- per rm.

Fascia panels / Surface coating (base paint)

	Art.-Nr.	€/piece
Super Color: (on the outside)	-	28,- pro m ²

Rounded handle sets

Stainless steel	14301025	93,-
F1 silver coloured anodized	14301021	93,-
F3 brass coloured anodized	14301023	93,-
Traffic white, similar to RAL 9016	14301024	112,-
RAL of choice	14301999	138,-

Knob-lever sets

Stainless steel	14301045	98,-
F1 silver coloured anodized	14301041	96,-
F3 brass coloured anodized	14301043	96,-
Traffic white, similar to RAL 9016	14301044	138,-
Black, similar to RAL 9005	14301040	138,-
RAL of choice	14301999	138,-
Electrical door opener without cabeling (only for Block frame)	80725010	181,-
Upper door closer (not for retrofitting) (scissor arm)	-	189,-

Glazing variants: Acrylic double pane

Variant 1



With acrylic double pane, clear on both sides or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside frame in side door colour or similar to RAL 9016, inside frame similar to RAL9016

€/Piece 75,-

Variant 2



With acrylic double pane, clear on both sides or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside frame in side door colour or similar to RAL 9016, inside frame similar to RAL9016

€/Piece 88,-

Variant 3



With acrylic double pane, clear on both sides or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside frame in side door colour or similar to RAL 9016, inside frame similar to RAL9016

€/Piece 88,-

Side doors Novoferm E[®] type iso 45

Product description / Aluminium-frame construction

Door element

Door leaf:

Door leaf fillings made of 45 mm thick, double-skinned steel sections with PUR rigid foamcore, bordered with aluminium profiles. The alignment to the garage-door leaf can deviate slightly.

Motive: Horizontal rib, Large rib, Flush, Raised panel

Surface: Woodgrain or Noblesse (smooth)

Frame: Aluminium profiles, ready to install, (not thermally separated). Installation depth 55 mm, double rebate seal on three sides and lip seal in the sill area. **Available as:**
Block frame (standard), inwards- or outwards opened,
Corner frame, 3-sided, inwards- or outwards opened
Corner frame, 4-sided, only outwards opened,
Clamp frame 3-sided, only outwards opened (Masonry width 60 up to 85 mm or 86 up to 110 mm or 111 up to 125 mm)

Surface coating

Door leaf:

Steel sections made of hot galvanized thin sheet with polyester painting on both sides.

Standard:

Outside: traffic white, similar to RAL 9016
Inside: grey-white, similar to RAL 9002

Super Color:

Steel blue	similar to RAL 5011
Moss green	similar to RAL 6005
Fir green	similar to RAL 6009
Anthracite grey	similar to RAL 7016
Light grey	similar to RAL 7035
Window grey	similar to RAL 7040
Ochre brown	similar to RAL 8001
Nut brown	similar to RAL 8011
Sepia brown	similar to RAL 8014
White aluminium	similar to RAL 9006
Grey aluminium	similar to RAL 9007

Colours not available:**Luminous paints**

RAL 1026, 2005, 2007, 3024, 3026

Pearl effect paints

RAL 1035, 1036, 2013, 3032, 3033, 4011, 4012, 5025, 5026, 6035, 6036, 7048, 8029, 9022, 9023

Dark colours (examples)

RAL 3007, 4006, 4007, 5004, 7021, 8022, 9004, 9005, 9011, 9017, 9021

(With these dark colours, solar radiation causes increased bending and the risk of foam separation)

Special paint:

Outside Super Color or RAL of choice

Frame:

Standard:

Frame and door-leaf frame traffic white, similar to RAL 9016

In case of special painting, the frame will be painted only on the outside in door-leaf colour.

Aluminum light strip:

Standard:

Outside: traffic white, similar to RAL 9016 or door colour

Inside: traffic white, similar to RAL 9016

Lock and hardware

Lock with profile cylinder 31,0 / 46,0 and black plastic rounded handle set (with oval plastic rosettes).
Handle height 1050 mm from finished floor

Standard single-lock mechanism or optionally with 3-point locking mechanism mit hinge security for increased burglar resistance.

Please state frame type when ordering (Block frame / Corner frame / Clamp frame)

Please state opening direction

10 years manuf. guarantee Door leaf (sections) against rust form inside out
Separation of steel from foam
Bottom-, middle-, side- and lintel sealing

5 years manuf. guarantee Adhesion of colour / Timber foil with regards to finished surfaces; corrosion protection and light fastness in domestic market (minor colour deviations are excluded from this); wooden door leaves
locks and hinges in case of normal usage

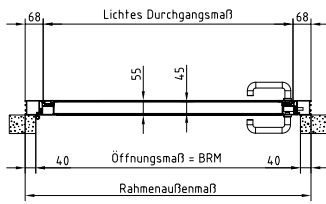
Side doors Novoferm E[®] type iso 45



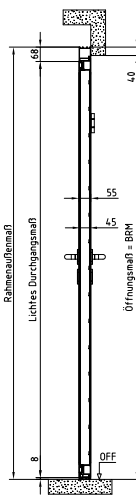
Technics / Aluminium-frame construction

Block frame (opens outwards and inwards)

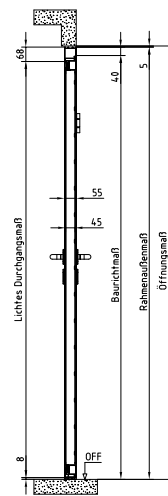
Horizontal cut (Installation behind the opening)



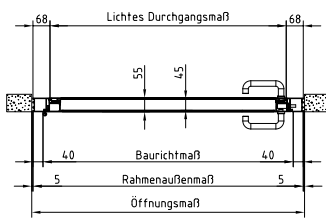
Vertical cut (Installation behind the opening)



Vertical cut (Installation in the opening)

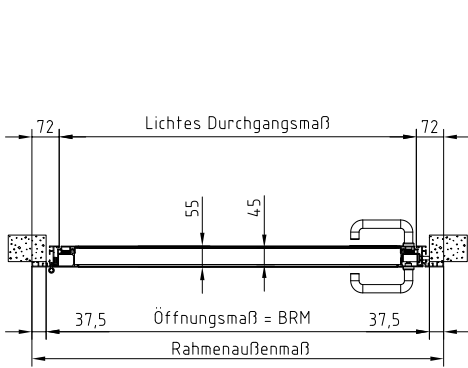


Horizontal cut (Installation in the opening)

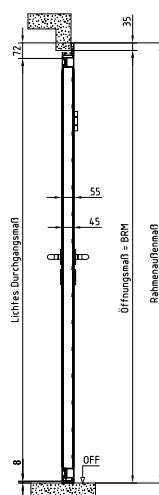


Corner frame 3- sided (opens outwards and inwards) or 4-sided (opens only outwards)

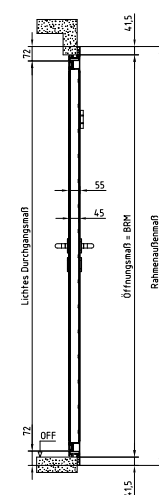
Horizontal cut



Vertical cut (3-sided)

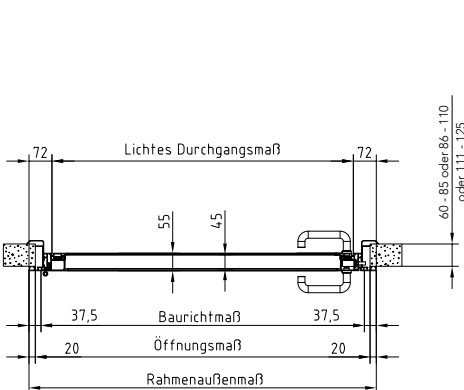


Vertical cut (4-sided)

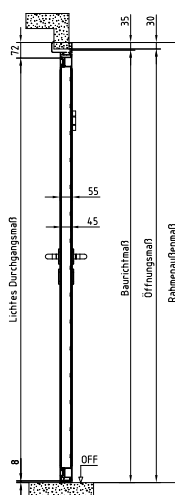


Clamp frame for 3- or 4-sided Corner frame (opens only outwards)

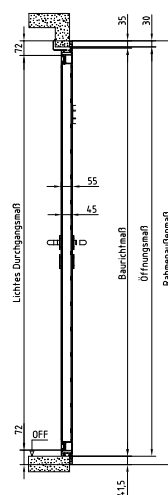
Horizontal cut



Vertical cut (3-sided)



Vertical cut (4-sided)



Side doors Novoferm E[®] type iso 45

Aluminium- frame construction (Corner frame, Block frame)

Woodgrain



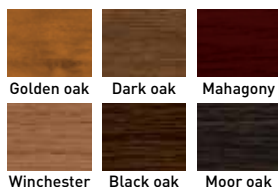
Noblesse (smooth)



Super Color



Timber foil surfaces



Satin surfaces



Microline



Horizontal rib



Large rib



Standard sizes

Order size	Over all frame size Block frame	Woodgrain	
		Traffic white €/piece	Super Color €/piece
Width x Height in mm			
875 x 2000	955 x 2040	785,-	945,-
2125	2165	785,-	945,-
1000 x 2000	1080 x 2040	825,-	985,-
2125	2165	825,-	985,-
1100 x 2000	1180 x 2040	842,-	1002,-
2125	2165	842,-	1002,-

Special sizes

Order size	Over all frame size Block frame	Woodgrain	
		Traffic white €/piece	Super Color €/piece
Width x Height in mm			
von 730 x 1815	810 x 1855	1038,-	1198,-
bis 1350 x 2125	1430 x 2540		

Standard sizes

Order size	Over all frame size Block frame	Woodgrain		Noblesse (smooth)	
		Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece
Width x Height in mm					
875 x 2000	955 x 2040	785,-	945,-	842,-	1002,-
2125	2165	785,-	945,-	842,-	1002,-
1000 x 2000	1080 x 2040	825,-	985,-	892,-	1052,-
2125	2165	825,-	985,-	892,-	1052,-
1100 x 2000	1180 x 2040	842,-	1002,-	913,-	1073,-
2125	2165	842,-	1002,-	913,-	1073,-

Special sizes

Order size	Over all frame size Block frame	Woodgrain		Noblesse (smooth)	
		Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece
Width x Height in mm					
von 730 x 1815	810 x 1855	1038,-	1198,-	1093,-	1253,-
bis 1350 x 2125	1430 x 2540				

Standard sizes

Order size	Over all frame size Block frame	Timber foil surfaces	Satin surfaces
		€/piece	€/piece
Width x Height in mm			
875 x 2000	955 x 2040	940,-	964,-
2125	2165	940,-	964,-
1000 x 2000	1080 x 2040	1002,-	1026,-
2125	2165	1002,-	1026,-
1100 x 2000	1180 x 2040	1035,-	1059,-
2125	2165	1035,-	1059,-

Special sizes

Order size	Over all frame size Block frame	Timber foil surfaces	Satin surfaces
		€/piece	€/piece
Width x Height in mm			
von 730 x 1815	810 x 1855	1185,-	1211,-
bis 1350 x 2125	1430 x 2540		

Side doors Novoferm E[®] type iso 45



Aluminium- frame construction (Corner frame, Block frame)

Flush



Standard sizes

Order size	Overall frame size Blockframe	Woodgrain		Noblesse (smooth)		Timber foil surfaces	Satin surfaces	Microline
		Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece	€/piece	€/piece	€/piece
875 x 2000	955 x 2040	895,-	1055,-	960,-	1120,-	1047,-	1072,-	1072,-
2125	2165	895,-	1055,-	960,-	1120,-	1047,-	1072,-	1072,-
1000 x 2000	1080 x 2040	929,-	1089,-	1003,-	1163,-	1101,-	1100,-	1100,-
2125	2165	929,-	1089,-	1003,-	1163,-	1101,-	1100,-	1100,-
1100 x 2000	1180 x 2040	958,-	1118,-	1038,-	1198,-	1148,-	1144,-	1144,-
2125	2165	958,-	1118,-	1038,-	1198,-	1148,-	1144,-	1144,-

Special sizes

Order size	Overall frame size Blockframe	Woodgrain		Noblesse (smooth)		Timber foil surfaces	Satin surfaces	Microline
		Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece	€/piece	€/piece	€/piece
von 730 x 1815	810 x 1855	1072,-	1232,-	1124,-	1284,-	1218,-	1241,-	1241,-
bis 1350 x 2125	1430 x 2540							

Raised panel



Standard sizes

Order size	Overall frame size Blockframe	Woodgrain		Timber foil surfaces
		Traffic white €/piece	Super Color €/piece	€/piece
875 x 2000	955 x 2040	930,-	1090,-	1082,-
2125	2165	930,-	1090,-	1082,-
1000 x 2000	1080 x 2040	967,-	1127,-	1144,-
2125	2165	967,-	1127,-	1144,-

Special sizes

Order size	Overall frame size Blockframe	Woodgrain		Timber foil surfaces
		Traffic white €/piece	Super Color €/piece	€/piece
von 730 x 1815	810 x 1890	1097,-	1257,-	1241,-
bis 1350 x 2125	1430 x 2165			

Extra price for special section arrangement (same alignment to Sec.-door) € 156,-

Please state type of frame when ordering (Block frame / Corner frame / Clamp frame) and opening direction

Frame and door-leaf frame: traffic white, similar to RAL 9016 ,Super Color or Ral of choice

Filling outside: traffic white similar to RAL 9016, Super Color or Ral of choice.

Filling inside: grey white, similar to RAL 9002

Satin surfaces / Timber foil surfaces: Aluminium frame and window variants will be painted in a corresponding RAL colour

RAL of choice as base paint on the outside

Clamp frame

3-point locking with hinge-pin security (min co-ordin. height = 1890 mm)

€ 230,-

€ 211,-

€ 288,-

Side doors Novoferm E[®] type iso 45

Accessories / Aluminium-frame construction

Fascia panels for lintel compensation (20 mm)

Sectional panel, double-skinned, 20 mm,
made of hot galvanized thin sheet, with PUR rigid foam core;
Colour outside: traffic white, similar to RAL 9016; Inside: grey white, similar to RAL 9002
Outer frame size of panel: 250 mm up to 3000 mm

Garge door design	Dimension	Available panel design	Art.-Nr.	€/piece
Horiz. rib, woodgrain	from 60 to 350 mm height	Horiz. rib, woodgrain	SBI20999	41,- per rm.
Horiz. rib, woodgrain	from 351 to 500 mm height	Horiz. rib, woodgrain	SBI20999	50,- per rm.
Large rib, woodgrain	from 60 to 350 mm height	Flush, woodgrain	SBI20999	41,- per rm.
Large rib, woodgrain	from 351 to 500 mm height	Large rib, woodgrain	SBI20999	50,- per rm.
Flush, Noblesse (smooth)	from 60 to 350 mm height	Flush, Noblesse (smooth)	SBI20999	62,- per rm.
Flush, Noblesse (smooth)	from 351 to 500 mm height	Flush, Noblesse (smooth)	SBI20999	72,- per rm.

Panels for lintel compensation (45 mm, 4-sided framed)

Sectional panel, double-skinned, 45 mm, made of hot galvanized thin sheet, with PUR rigid foam core;
Colour outside: traffic white, similar to RAL 9016, Golden oak/Satin grey/Dark oak/Mahagony, Colour inside: grey white, similar to RAL 9002;
Special version 4-sided framed with Alu U - profiles
Outer frame size of the panel : min 100 mm , max. 5.500 mm

Garge door design	Dimension	Available panel design	Art.-Nr.	€/piece
Horizontal rib, woodgrain	from 60 to 200 mm height	Horizontal rib, woodgrain	SBI45999	73,- per rm
Horizontal rib, woodgrain	from 201 to 420 mm height	Horizontal rib, woodgrain	SBI45999	80,- per rm.
Horizontal rib, woodgrain	as of 421 mm height	Horizontal rib, woodgrain	SBI45999	on request
Large rib, woodgrain	from 60 to 200 mm height	Flush, woodgrain	SBI45999	73,- per rm.
Large rib, woodgrain	from 201 to 420 mm height	Large rib, woodgrain	SBI45999	80,- per rm.
Large rib, woodgrain	as of 421 mm height	Large rib, woodgrain	SBI45999	on request
Flush, Noblesse (smooth)	from 60 to 200 mm height	Flush, Noblesse (smooth)	SBI45999	82,- per rm.
Flush, Noblesse (smooth)	from 201 to 420 mm height	Flush, Noblesse (smooth)	SBI45999	94,- per rm.
Flush, Noblesse (smooth)	as of 421 mm height	Flush, Noblesse (smooth)	SBI45999	on request
Large rib, timber foil surfaces ***	from 60 to 200 mm height	Flush, timber foil surfaces***	SBI45999	106,- per rm.
Large rib, timber foil surfaces ***	from 201 to 420 mm height	Large rib, timber foil surfaces ***	SBI45999	116,- per rm.
Large rib, timber foil surfaces ***	as of 421 mm height	Large rib, timber foil surfaces ***	SBI45999	on request
Large rib, satin*	from 60 to 200 mm height	Flush, satin*	SBI45999	82,- per rm.
Large rib, satin*	from 201 to 420 mm height	Large rib, satin*	SBI45999	94,- per rm.
Large rib, satin*	as of 421 mm height	Large rib, satin*	SBI45999	on request
Flush, woodgrain	from 60 to 200 mm height	Flush, woodgrain	SBI45999	73,- per rm.
Flush, woodgrain	from 201 to 420 mm height	Flush, woodgrain	SBI45999	80,- per rm.
Flush, woodgrain	as of 421 mm height	Flush, woodgrain	SBI45999	on request
Flush, Noblesse (smooth)	from 60 to 200 mm height	Flush, Noblesse (smooth)	SBI45999	82,- per rm.
Flush, Noblesse (smooth)	from 201 to 420 mm height	Flush, Noblesse (smooth)	SBI45999	94,- per rm.
Flush, Noblesse (smooth)	as of 421 mm height	Flush, Noblesse (smooth)	SBI45999	on request
Flush, timber foil surfaces***	from 60 to 200 mm height	Flush, timber foil surfaces***	SBI45999	106,- per rm.
Flush, timber foil surfaces***	from 201 to 420 mm height	Flush, timber foil surfaces***	SBI45999	116,- per rm.
Flush, timber foil surfaces***	as of 421 mm height	Flush, timber foil surfaces***	SBI45999	on request
Flush, satin*	from 60 to 200 mm height	Flush, satin*	SBI45999	82,- per rm.
Flush, satin*	from 201 to 420 mm height	Flush, satin*	SBI45999	94,- per rm.
Flush, satin*	as of 421 mm height	Flush, satin*	SBI45999	on request
Flush, microline**	from 60 to 200 mm height	Flush, microline**	SBI45999	82,- per rm.
Flush, microline**	from 201 to 420 mm height	Flush, microline**	SBI45999	94,- per rm.
Flush, microline**	as of 421 mm height	Flush, microline**	SBI45999	on request
Raised panel, woodgrain	to 379 mm height	Flush, woodgrain	SBI45999	106,- per rm.
Raised panel, woodgrain	from 380 to 420 mm height	Raised panel, woodgrain	SBI45999	113,- per rm.
Raised panel, golden oak, dark oak, mahagony	to 379 mm height	Flush, golden oak, dark oak, mahagony	SBI45999	106,- per rm.
Raised panel, golden oak, dark oak, mahagony	from 380 to 420 mm height	Raised panel, golden oak, dark oak, mahagony	SBI45999	113,- lfdm.

* Satin white, Satin grey, Satin Dark grey, Satin brown, ** Satin white, Satin grey, Satin Dark grey *** Golden oak, Dark oak, Mahagony, Winchester, Black oak, Moor oak

Side doors Novoferm E[®] type iso 45



Accessories / Aluminium- frame construction

Aluminium light strip

Aluminium light strip, powder coated, traffic white similar to RAL 9016 (extra price)	Art.-Nr.	€/Leaf
Plastic-coated expanded grating	-	108,-
Cross bar double pane, 16 mm	-	91,-
Double pane clear, 16mm	-	104,-
Double pane crystal structure/clear 16mm	-	111,-
Polycarbonate, double panes clear 16mm	-	111,-

Rounded handle sets

Stainless steel	14301025	93,-
F1 silver coloured anodized	14301021	93,-
F3 brass coloured anodized	14301023	93,-
Traffic white, similar to RAL 9016	14301024	112,-
RAL of choice	14301999	138,-

Knob-lever sets

Stainless steel	14301045	98,-
F1 silver coloured anodized	14301041	96,-
F3 brass coloured anodized	14301043	96,-
Traffic white, similar to RAL 9016	14301044	138,-
Black, similar to RAL 9005	14301040	138,-
RAL of choice	14301999	138,-
Electrical door opener without cabeling	80725010	181,-
Upper door closer (not for retrofitting) (scissor arm)	-	189,-

Ventilation

Ventilation grating (only for Horizontal rib, Large rib, Flush), nylon, black. Ventilation cross section 152m ² ; Frame outer dimension: 457 x 91 mm	66015001	53,-
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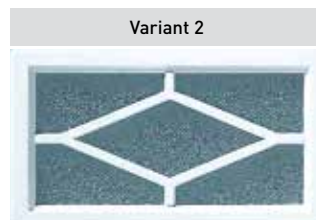
Glazing variants with acrylic double pane

Can be used with : Horizontal rib, Large rib, Flush, Raised panel



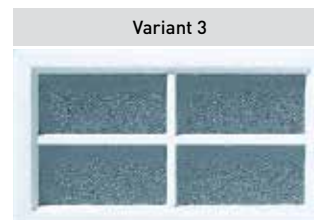
With acrylic double pane, clear on both sides or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside dimension approx. 460 x 260 mm, outside frame in garage-door colour or similar to RAL 9016, inside frame similar to RAL9016

€/Piece 87,-



With acrylic double pane, clear on both sides or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside dimension approx. 460 x 260 mm, outside frame in garage-door colour or similar to RAL 9016, inside frame similar to RAL9016

€/Piece 105,-



With acrylic double pane, clear on both sides or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside dimension approx. 460 x 260 mm, outside frame in garage-door colour or similar to RAL 9016, inside frame similar to RAL9016

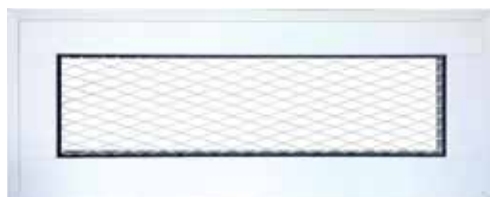
€/Piece 105,-



With acrylic double pane, clear on both sides, or clear outside and crystal structure inside; Frame inside dimensions approx. 390 x 190 mm, outside dimension approx. 460 x 260 mm, outside frame in garage-door colour or similar to RAL 9016, inside frame similar to RAL9016.

€/piece 114,-

Fanlight



Description	Extra price €/m ²
<p>For single-leaf side doors, we now also offer a fanlight, which can be filled with the same types of filling (glazing and expanded grating) as the aluminum light strips for sectional doors.</p> <p>Order size range: width between 720 mm - 1.380 mm height between 275 mm - 575 mm</p> <p>The fanlight is not available separately</p>	321,-

Side doors Novoferm E[®] type timber 45

Product description

Door element

Frames and door-leaf sub-construction made of primed rectangular tubes. Frame support and door leaf made of Nordic pine or Okoume, ready to install, waterproof glued multilayer board, vertical grain, untreated, machined pattern with continuous rebate seal and a seal for the premounted floor sill.
Installation depth: approx. 50 mm.

Types of timber:

Nordic pine: 22 mm thick three-layered cover board with boiling-waterproof gluing.
Okoume: 15 mm thick seven-layered board with boiling-waterproof gluing. For standard sizes, the alignment of ribs and raised panels is only possible with garage doors of the same height. (Slight deviations to rib alignment are possible.)
Handle heights: 970 mm

Motives:

London (Horizontal rib), Stockholm (Flush), Madrid (Raised panel), Amsterdam (Herringbone), Rom (Rhombus with radiations), Paris (Triangle with radiations), Berlin (special milling).
Ribs, Raised panels and other motives will be milled by a special machine on the surface of the panel .

Surface treatment

Door leaves made of Nordic pine and Okoume are supplied untreated to enable optimum environmental compatibility and colouring.

Please observe the information in the mounting and maintenance instructions concerning the storage and final treatment by the customer

Lock and hardware

Nordic pine: Lock with safety cylinder DPC 45.5/30.5 and black plastic rounded-handle set.

Okoumé: Lock with safety cylinder DPC 40.5/30.5 and black plastic rounded-handle set.

Please state direction of opening, type of rebate and type of installation (in the opening or behind the opening) when ordering.

5 years manuf. guarantee Side doors type timber 45
Locks, hinges in case of normal usage

Side doors Novoferm E[®] type timber 45



Technics

Standard sizes

Overall frame size		Clear passage size Behind the opening Outward opening	Clear passage size Behind the opening Inward opening
Width x Height in mm		Width x Height in mm	Width x Height in mm
965 x	2180	935 x 2155 (905-945 x 2145-2170)	875 x 2125 (835-945 x 2115-2170)
1090 x	2190	1060 x 2155 (1030-1070 x 2145-2170)	100 x 2125 (960-1070 x 2115-2170)

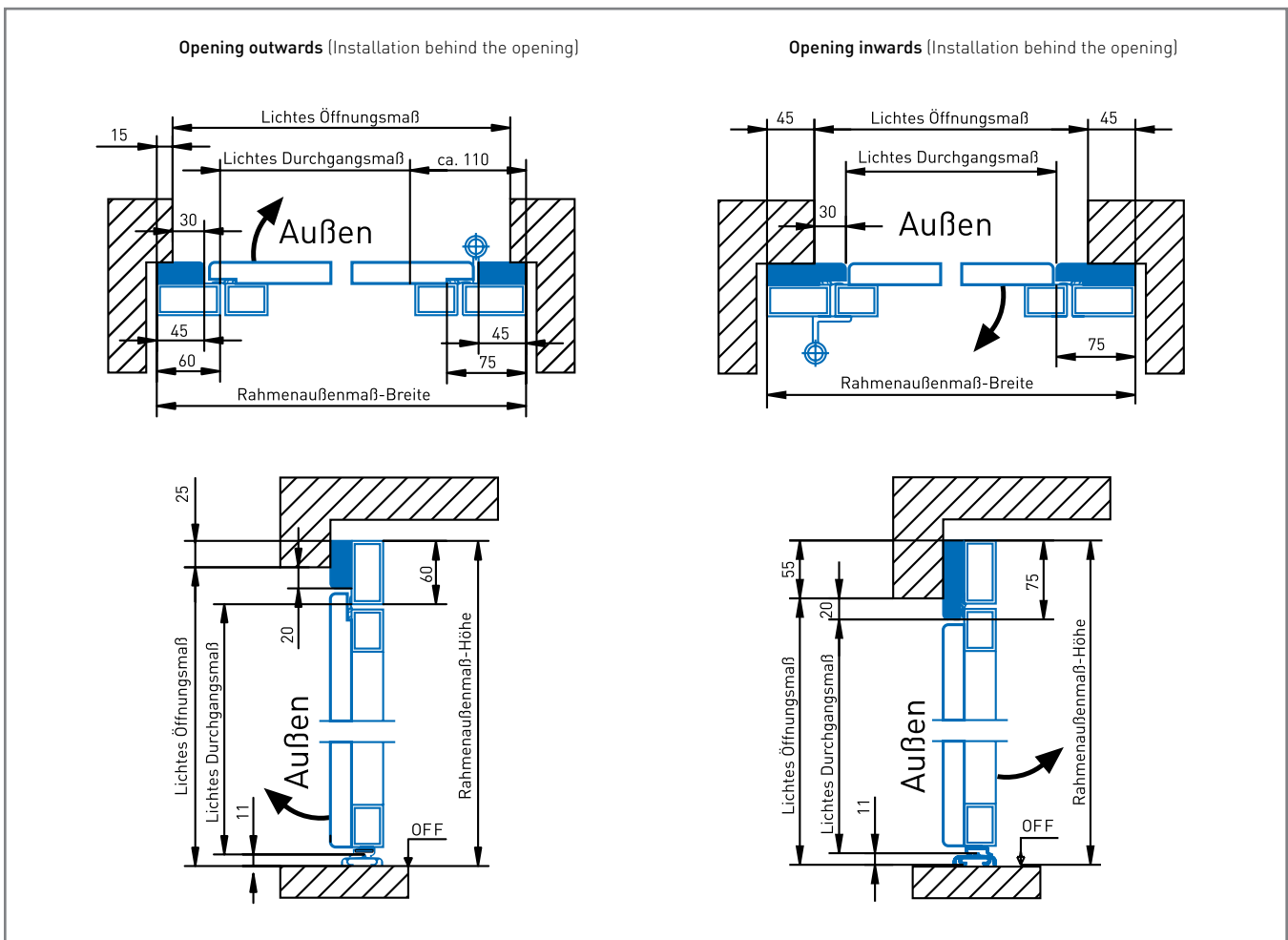
Clear passage size

Frame width approx. 170 mm

Frame width approx.. 150 mm

Same alignment to sectional doors with the same height.

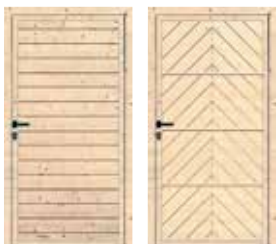
Installation dimensions



Side doors Novoferm E® type timber 45

Nordic pine (untreated)

London Amsterdam



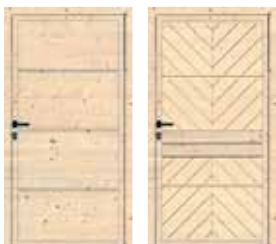
Standard sizes (Installation behind the opening, opening inwards)

Co-ordin. size	Order size	Overall frame size	London	Stockholm	Madrid	Amsterdam	Rom	Paris
Width x Height in mm (from-up to)			€/piece	€/piece	€/piece	€/piece	€/piece	€/piece
875 x 2125	[835-945 x 2115-2170]	965 x 2180	1495,-	1495,-	1563,-	1646,-	1646,-	1646,-
1000 x 2125	[960-1070 x 2115-2170]	1090 x 2180	1715,-	1715,-	1799,-	1892,-	1892,-	1892,-

Standard sizes (Installation behind the opening, opening outwards)

Co-ordin. size	Order size	Overall frame size	London	Stockholm	Madrid	Amsterdam	Rom	Paris
Width x Height in mm (from-up to)			€/piece	€/piece	€/piece	€/piece	€/piece	€/piece
935 x 2155	[905-945 x 2145-2170]	965 x 2180	1495,-	1495,-	1563,-	1646,-	1646,-	1646,-
1060 x 2155	[960-1070 x 2115-2170]	1090 x 2180	1715,-	1715,-	1799,-	1892,-	1892,-	1892,-

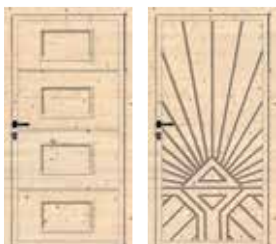
Stockholm Rom



Standard sizes (Installation in the opening, opening inwards or outwards)

Co-ordin. size	Order size	Overall frame size	London	Stockholm	Madrid	Amsterdam	Rom	Paris
Width x Height in mm (from-up to)			€/piece	€/piece	€/piece	€/piece	€/piece	€/piece
965 x 2180	935 x 2155	985 x 2190	1495,-	1495,-	1563,-	1646,-	1646,-	1646,-
1090 x 2180	1060 x 2155	1110 x 2190	1715,-	1715,-	1799,-	1892,-	1892,-	1892,-

Madrid Paris



Special sizes

Co-ordin. size	Order size	Overall frame size	London	Stockholm	Madrid	Amsterdam	Rom	Paris
Width x Height in mm (from-up to)			€/piece	€/piece	€/piece	€/piece	€/piece	€/piece
	750 x 1875	840 x 1930	1817,-	1817,-	1907,-	2002,-	2002,-	2002,-
	1250 x 2250	1340 x 2305						

Special milling accord. to customer specification (Berlin)

Price of Stockholm

+ € 483,-

The pattern illustrations conform to the 1000 x 2000 mm door size.

Other door sizes deviate from what is shown.

Okoume (untreated)
Okoume lasured on factory site (Aframosia)

pro m² € 57,-
pro m² € 100,-

Side doors Novoferm E[®] type timber 45



Accessories

Rounded handle sets

	Art.-Nr.	€/piece
F1 silver coloured anodized	-	93,-
F3 brass coloured anodized	-	93,-
Traffic white, similar to RAL 9016	-	113,-
RAL of choice	-	113,-

Knob-lever sets

F1 silver coloured anodized	14301041	96,-
F3 brass coloured anodized	14301043	96,-
Traffic white, similar to RAL 9016	14301044	138,-
Black, similar to RAL 9005	14301040	138,-
RAL of choice	14301999	138,-

Fascia panels type timber for lintel compensation

Waterproof glued multilayer board, untreated, Nordic pine 22mm thick, Okoume 20 mm thick

Stockholm (Flush) height 30 to 145 mm	Nordic pine	30563999	44,- per rm.
	Okoumé	30563999	49,- per rm.
Stockholm (Flush) height 146 to 300 mm	Nordic pine	30563999	86,- per rm.
	Okoumé	30563999	94,- per rm.
London (Horiz.rib) height 146 to 300 mm	Nordic pine	30563999	331,- per m ²
	Okoumé	30563999	385,- per m ²
Madrid (Raised panel) height 350 to 520 mm	Nordic pine	30563999	355,- per m ²
	Okoumé	30563999	292,- per m ²
Amsterdam, Rom und Paris		-	on request
Panel to be lasured on factory side in Okoume (Aframasia)		-	95,- per m ²

Glazing

Not available for side doors type timber 45



NovoPorta ISO Plus side door **The most attractive side effect imaginable**

Allow us to introduce: NovoPorta ISO Plus – a range of doors for sophisticated side entrances. So far, this area has always been seen as less important, as demonstrated by the use of the word “side”. But we believe there can be no elements of secondary importance in coherent architecture. Neither in terms of function, nor design!

Your Novoferm representative or sales advisor is available to help if needed.
For more information, go to www.novoferm.com.



Side door NovoPorta ISO Plus

Programme overview



Chapter - Table of contents

Product	92
Technics	93
Equipment and accessories	96

NovoPorta ISO Plus

as of 95



Models, glazing variants and colours

P0

P15

P13

P18

Side door NovoPorta ISO Plus

Product description

Door element

Door leaf:

Thermally separated 48 mm thick **Steel-door leaf with thick rebate**, additional stable inner frame and **high insulated foam core**.
Standard: Smooth surface sheet Design P0.

Optionally available in three different designs.
4-sided sealing. Additional rain draining profile on floor area on the outside.

Frame/Sill:

Thermally separated Aluminium-frame and Aluminium-sill with serial mounting set.
Optionally available with wider frame profile.

Surface

Galvanized Steel sheet-door leaf, **coated on both sides in standard white**. Aluminium-frame coated in white, similar to RAL 9016.

Door leaf and frame optionally available to be painted on both sides, in various colours. Available colours will be shown on page 95.

Hardware

Self-locking multi-safety lock with main lock and two reinforced rollers pins. Optionally available with multi-locking and two additional swing bolts.

Standard profile cylinder 73 mm (27/45 mm) with three keys. (PZ without special emergency function).

Aluminium-handle set with oval rosette.

Hinges

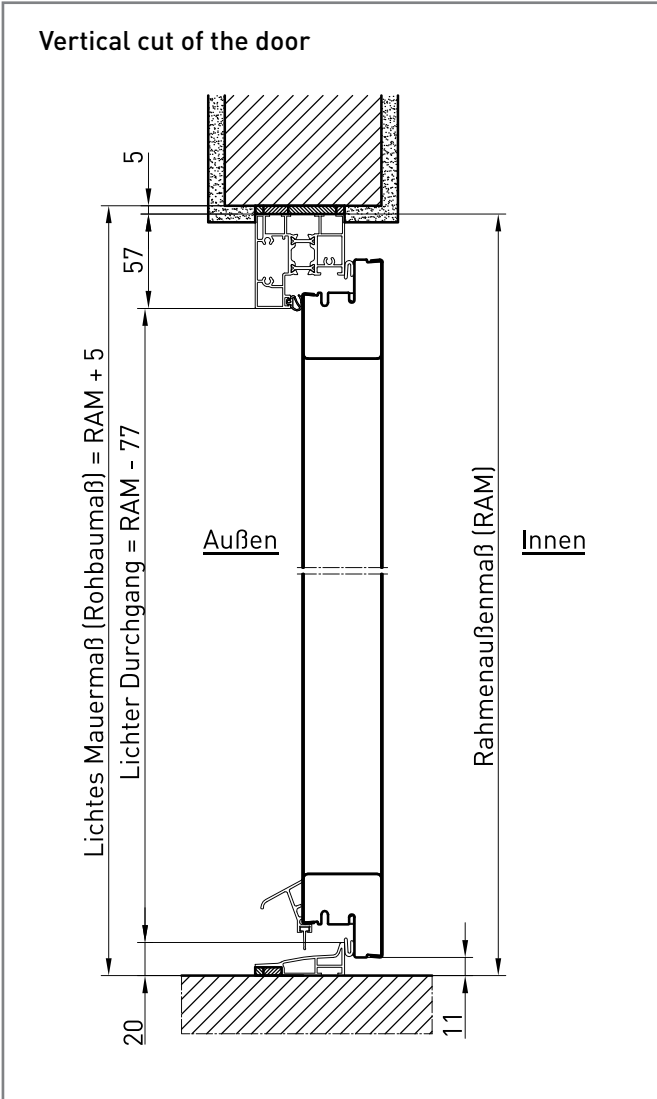
For standard dimensions: four **3-D adjustable steel door hinges** incl. cover caps in aluminium optics

Side door NovoPorta ISO Plus

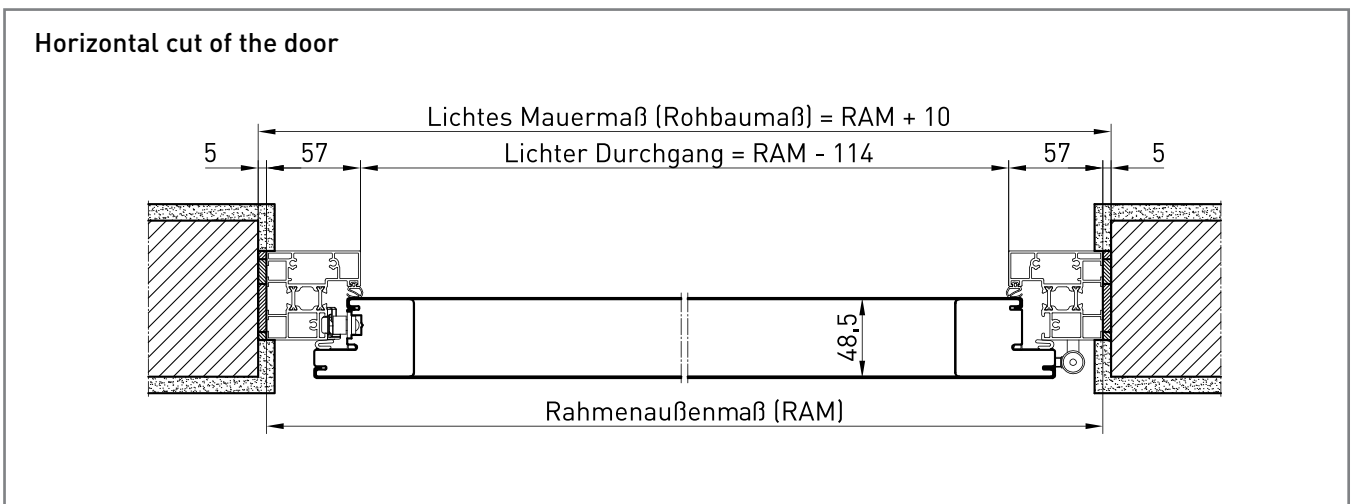
Technics



Installation dimensions



All dimensions in mm.



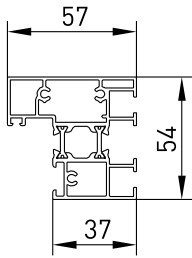
All dimensions in mm

Side door NovoPorta ISO Plus

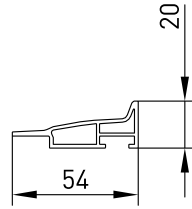
Technics

Installation dimensions

Aluminium frame

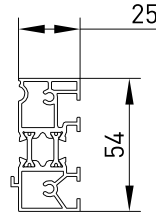


Aluminium threshold



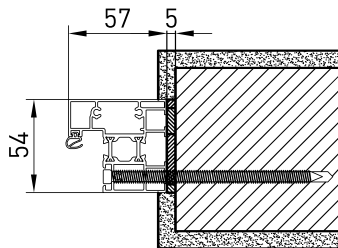
All dimensions in mm

Wider frame-profile 25 mm (optional)

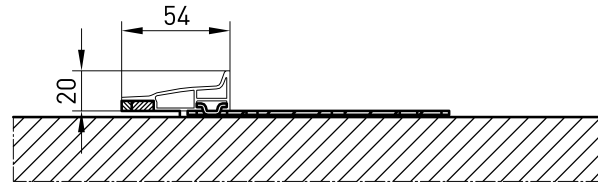


All dimensions in mm

Standard installation incl. assembly kit

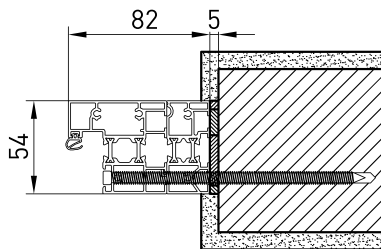


Anchor bar for mounting the threshold
(delivered as standard as of frame width > 900 mm)

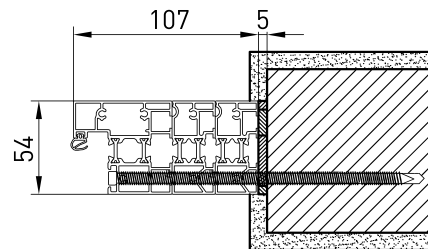


All dimensions in mm

Installation with optional available wide frame-profile



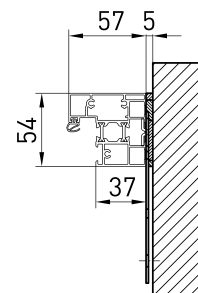
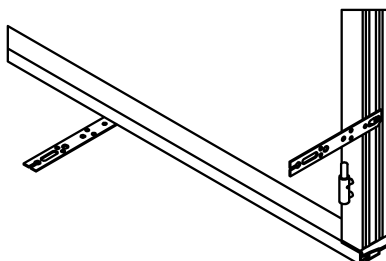
1 x 25 mm



2 x 25 mm

All dimensions in mm

Installation with optional available assembly kit (special anchor bars)





















All dimensions in mm

Side door NovoPorta ISO Plus













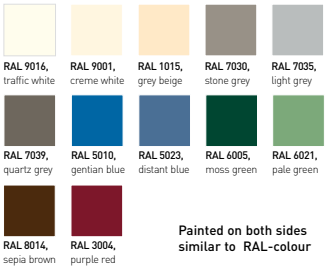
Models, glazing variants and colours

Model		without glazing	with glazing								with stainless steel decor strips	
Model	Size = Overall frame size Overall frame size = Order size										without glazing	
			GL1	GL2	GL3	GL4	GL5	GL6	GL7	GL8		GL6
P0	Standard size (1100 x 2100 mm)	895 €	1.205 €	1.205 €	1.205 €	1.205 €	1.450 €	1.205 €			1.195 €	1.480 €
	Special sizes in mm-steps	1.070 €	1.390 €	1.390 €	1.390 €	1.390 €	1.635 €	1.390 €			1.380 €	1.665 €
P15	Standard size (1100 x 2100 mm)	955 €		1.265 €	1.265 €			1.265 €	1.525 €	1.525 €		
	Special sizes in mm-steps	1.145 €		1.470 €	1.470 €			1.470 €	1.730 €	1.730 €		
P13	Standard size (1100 x 2100 mm)	1.070 €		1.380 €							1.265 €	
	Special sizes in mm-steps	1.260 €		1.585 €							1.470 €	
P18	Standard size (1100 x 2100 mm)	1.070 €		1.380 €							1.265 €	
	Special sizes in mm-steps	1.260 €		1.585 €							1.470 €	

Types of glazing		with glazing							
									
		GL1	GL2	GL3	GL4	GL5	GL6	GL7	GL8
	Translucend glass (standard)	Included							
	Clear glass		82 €			164 €	82 €		not available
	Mastercarre		196 €			393 €	196 €		not available

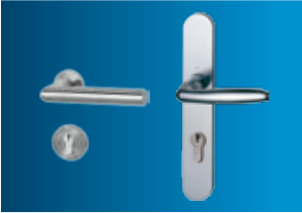
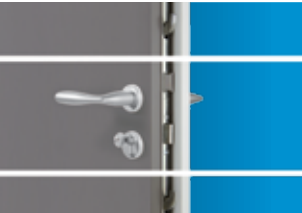
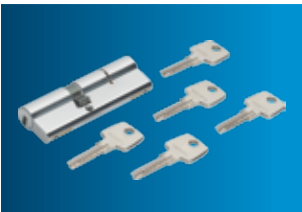

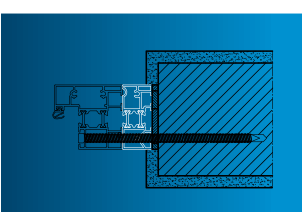
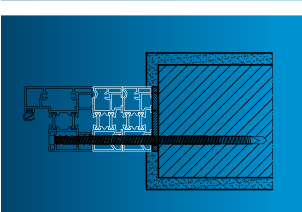
¹⁾ Please note: Positioning GL2 bei P0 and P15 on side of the hinges, with P13 and P18 on lock side.

²⁾ Stainless steel decor strips with Model P0 on both sides, with Model P13 and P18 on the outside only.

Colours	without glazing	with cutout and glazing								with stainless steel dekor strips	
Colour variants										without glazing	
		GL1	GL2	GL3	GL4	GL5	GL6	GL7	GL8		GL6
Preferred colours for door leaf and frame  Painted on both sides, either signal grey or anthracite grey	204 €	295 €			295 €	295 €			204 €	295 €	
Special colours for door leaf and frame  Painted on both sides similar to RAL-colour	284 €	392 €			392 €	392 €			284 €	392 €	
BiColor All preferred and special colours are also available in BiColor design. Inside always painted traffic white, similar to RAL 9016 painted.	On request										

Side door NovoPorta ISO Plus







Equipment and accessories

Equipment and accessories		€/Piece
	Aluminium Handle set in stainless steel look RI25 mit oval rosettes or PPI15 with long plate	62,-
	Self locking lock SA2C2R with main lock Two roller pins and two additional security swing bolts.	124,-
	Security cylinder 73 mm with five keys [27/45] without security function.	78,-
	Two securing pins On hinge side (top and bottom) as anti lift device for the door-leaf.	37,-
	Spyhole Point of view approx. 160° (not with glazing), Door-leaf pre-drilled, spy delivered separately.	44,-
	Instead of the standard mounting set Optional available mounting set with 9 anchors. One anchor bar for the threshold fastening, when outer frame dimension of width > 900 mm. (Screws and dowels for fastening on site)	no extra charge
	Wider frame-profile 25 mm	37,- per mm.
	Wider frame profile 2 x 25 mm = 50 mm	45,- per mm.

Side door NovoPorta ISO Plus



Size-range for available special sizes

Overall frame-sizes / Width x Height			without glazing	with glazing				
Lock system	Model	Size		 GL1	 ¹⁾ GL2	 GL3	 GL4	
 SR4R ⁴⁾	P0	H Min	1745	1745	1845	1745	1745	
		H Max	2195	2195	2195	2195	2195	
		W Min	789	789	789	789	929	
		W Max	1100	1100	1100	1100	1100	
	P15	H Min	1745*			1845*	1775*	
		H Max	2195			2195	2195	
		W Min	969			889	889	
		W Max	1100			1100	1100	
	P13	H Min	1745			1845		
		H Max	2195			2195		
		W Min	789			889		
		W Max	1100			1100		
	P18	H Min	1745			1845		
		H Max	2195			2195		
		W Min	799			839		
		W Max	1100			1100		
 SR2R2C ⁴⁾	P0	H Min	1970	1970	1975	1975	1975	
		H Max	2195	2195	2195	2195	2195	
		W Min	789	789	789	789	929	
		W Max	1100	1100	1100	1100	1100	
	P15	H Min	1970			1975	1975	
		H Max	2195			2195	2195	
		W Min	969			889	889	
		W Max	1100			1100	1100	
	P13	H Min	1970			1975		
		H Max	2195			2195		
		W Min	789			889		
		W Max	1100			1100		
	P18	H Min	1970			1975		
		H Max	2195			2195		
		W Min	799			839		
		W Max	1100			1100		

All dimensions in mm * For a total height <1925 the door leaf Design P15 includes 6 lines.








¹⁾ Please note: Positioning GL2 with P0 and P15 on hinge side, with P13 and P18 on lock side.

²⁾ All dimensions without optional extension profile

⁴⁾ For H<1975 mm Design as SR3R

Side door NovoPorta ISO Plus

Size-range for available special sizes

Overall frame-sizes / Width x Height			with glazing				with stainless steel decor strips	
Lock system	Model	Size					without glazing	
			GL5	GL6	GL7	GL8		GL6
	P0	H Min	1945	1745			1845	1845
		H Max	2195	2195			2195	2195
		W Min	989	789			889	889
		W Max	1100	1100			1100	1100
	P15	H Min		1745*	1845*	1845*		
		H Max		2195	2195	2195		
		W Min		969	969	969		
		W Max		1100	1100	1100		
	P13	H Min					1745	
		H Max					2195	
		W Min					889	
		W Max					1100	
	P18	H Min					1745	
		H Max					2195	
		W Min					799	
		W Max					1100	
	P0	H Min	1970	1970			1970	1970
		H Max	2195	2195			2195	2195
		W Min	989	789			889	889
		W Max	1100	1100			1100	1100
	P15	H Min		1970	1970	1970		
		H Max		2195	2195	2195		
		W Min		969	969	969		
		W Max		1100	1100	1100		
	P13	H Min					1970	
		H Max					2195	
		W Min					889	
		W Max					1100	
	P18	H Min					1970	
		H Max					2195	
		W Min					799	
		W Max					1100	

All dimensions in mm * If total height is <1925 the door leaf of Model P15 includes 6 lines.

³⁾Stainless steel decor strips with Model P0 on both sides, with Model P13 and P18 only on the outside.

⁴⁾For H<1975 mm Design SR3R

Programme overview

Chapter - Table of contents

Product description	100
Technics	101
Standard- and special sizes	102
Accessories	106
Garage-door operators	139
Side doors	115
Side door accessories	121

Steel-Up-and-over doors Novoferm K[®], manually operated

102



Rees
Vertical rib



Bocholt
Filling by customer



Hamburg
Horizontal rib



Kassel
Vertical rib with horizontal profile



Köln
Horizontal rib with centre- and side profile



Kleve
Horizontal rib with side profile



Hagen
Vertical raised panel



Frankfurt
Square raised panel



Krefeld
Square raised panel with upper arch line



Bremen
Rectangular raised panel with square middle line



Siegen
Horizontal slat



Kreuztal
Vertical slat

Timber-Up-and-over doors Novoferm K[®], manually operated

104



Leipzig
Vertical rib



München
Vertical rib



Nürnberg
Vertical rib with horizontal profile strips



Schwerin
Horizontal rib



Stuttgart
Horizontal rib



Rostock
Diagonal rib



Augsburg
Diagonal rib



Halle
Herringbone pattern



Kempten
Herringbone pattern

Novoferm K[®] Up-and-over garage door

Product description

Garage door leaf

Garage door leaf frame made of hot galvanized thin sheet, with steel filling, timber filling or filling by customer

Garage door frame

Closed, 3-sided block frame made of hot galvanized thin sheet, with detachable rebate profile

Surface coating (base paint)

Steel filling:

Base paint made of electrostatic powder coating based on polyester

Standard: traffic white, similar to RAL 9016

Special paint: Super Color (extra price)

Pigeon blue similar to RAL 5014

Fir green similar to RAL 6009

Anthracite grey similar to RAL 7016

Light grey similar to RAL 7035

Window grey similar to RAL 7040

Ochre brown similar to RAL 8001

Sepia brown similar to RAL 8014

Special paint: RAL of choice (extra price)

Colours not available:

Luminous paints

RAL 1026, 2005, 2007, 3024, 3026

Pearl effect paints

RAL 1035, 1036, 2013, 3032, 3033, 4011, 4012, 5025, 5026, 6035, 6036, 7048, 8029, 9022, 9023

Filling by customer:

Base paint made of electrostatic powder coating, based on polyester Sepia brown, similar to RAL 8014

Standard filling weight:

Prepared for planking in frame for 6-8 kg/m² filling weight (optimum: 7 kg/m²)

Special filling weight:

prepared for planking in frame for 8-10 kg/m² filling weight (optimum: 10 kg/m²)

Observe possible size range (please state when ordering).

For weight reasons, a pass door is not possible!

Special:

prepared for overlying wooden paneling (needs to be specified when ordering due modified lever arms)

Door leaf frame:

Base paint made of electrostatic powder coating based on polyester sepia brown, similar to RAL8014

Wood filling of assorted, flawless profile wooden boards

Colourless base paint. Final coat required in between 4 weeks by customer, by max. 20% wood moisture

Wood filling nordic pine approx. 14 mm thick

Counterbalance

Multiple safety spring assemblies

Garage door lock and hardware

Special lock with profile half cylinder, plastic garage door handle, safety profile half-cylinder DPC 30.5/10; 40.5 mm long; lever 90° left, in accordance with DIN 18252 (type Rees, Kiel, Köln, Kassel, Essen, Frankfurt, Hagen, Krefeld, Bremen)

Safety profile half-cylinder DPC 35.5/10; 45.5 mm long; lever 90° left in accordance with DIN 18252 (type Bocholt); Safety profile half-cylinder DPC 40.5/10; 50.5 mm long; lever 90° left in accordance with DIN 18252 (type Hamburg, Kleve)

Floor-independent side bolting with manipulation protection (horizontal locking when door has a pass door) Ball-bearing plastic rollers, plastic contact strip in block frame

Pass door (only possible with Rees, Bocholt, Leipzig)

Opens outwards (please state opening direction when ordering). If the pass door is installed on the left side of the garage door, it can only open to the left; if it is installed on the right side of the garage door, it can only open to the right.

Width of the pass door 900 mm. Clear passage width 870 mm. With garage doors with a co-ord.height of up to 2375 mm, the door reaches across the entire garage door leaf height. With higher garage doors, the doors are always 2066 mm high. The top

area is fixed. Mortise lock with drawback latch with a simultaneously closing profile cylinder and a black rounded handle set. Safety profile half-cylinder DPC 30/40; 70 mm long

Automatic Up-and-over garage door system

Novoferm Up-and-over doors K[®] with Novomatic 423 and 3-point locking, with matching track system (BDIP) as a complete solution for single garages available (not in combination with pass door).

Safe-lock mechanism existing of:
- Novomatic 423
- Track system BDIP
- 3-point locking set

Technical data to the Operator 423 will be shown in the chapter of garage door operators.

Guarantee:

Steel garage door = 10 years manuf. guarantee
Timber garage door = 5 years manuf. guarantee
Operator = 5 years manuf. guarantee on mechanical parts, operator head and operator control
2 years manuf. guarantee on radio control and accessory parts

Novoferm K[®] Up-and-over garage door



Technology

Installation

BRH Bestellmaß	RAMH	DH min.	LFH min.	LDH	EBT	EBTA	UK-LS	R
1920	1985	1965	1890	1780	1925		1775	957.5
2000	2065	2045	1970	1860	2005	BDIP10	1855	997.5
2075	2140	2120	2045	1935	2080	2741	1930	1035
2125	2190	2170	2095	1985	2130		1980	1060
2250	2315	2295	2220	2110	2255		2105	1122.5
2375	2440	2420	2345	2235	2380		2230	1185.5
2500	2565	2545	2470	2360	2505	BDIP20	2355	1247.5
2625	2690	2670	2595	2485	2630	3255	2480	1310.5
2750	2815	2795	2720	2610	2755		2605	1372.5

with floor recess

Attention!

If no co-ordinating size (order size) is stated in the order, the order will be based on the clear finished dimension.

Visible areas would be:

- frame profile (top) 35 mm with floor recess
- frame profile (top) 5 mm without floor recess
- frame both sides approx. 25 mm

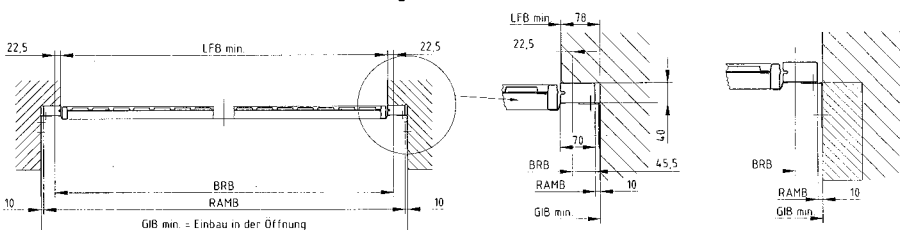
BRH Bestellmaß	RAMH	DH min.	LDH	EBT	EBTA	UK-LS	R
1920	1985	1995	1810	1925		1805	957.5
2000	2065	2075	1890	2005	BDIP10	1885	997.5
2075	2140	2150	1965	2080	2741	1960	1035
2125	2190	2200	2015	2130		2010	1060
2250	2315	2325	2140	2255		2135	1122.5
2375	2440	2450	2265	2380		2260	1185.5
2500	2565	2575	2390	2505	BDIP20	2385	1247.5
2625	2690	2700	2515	2630	3255	2510	1310.5
2750	2815	2825	2640	2755		2635	1372.5

without floor recess

Darstellung: Maueranker innen und Einbau hinter der Öffnung.

Einbau hinter der Öffnung.

Einbau in der Öffnung.



- BRB = Baurichtmaß - Breite (Bestellmaß)
- RAMB = Rahmemaßenmaß - Breite = BRB + 91
- LFB min. = Lichtes Fertigmaß minimal in der Breite = BRB - 45
- LDB = Lichte Durchfahrtsbreite = BRB - 143
- GIB min. = Garagen Innenbreite minimal = BRB + 111

Bestellmaß	RAMB	LFB min.	LDB	GIB min.
BRB				
2250	2341	2205	2107	2361
2375	2466	2330	2232	2486
2500	2591	2455	2357	2611
2625	2716	2580	2482	2736
2750	2841	2705	2607	2861
3000	3091	2955	2857	3111



Novoferm K® Up-and-over garage door Typ Rees / Bocholt

Type Rees,
Type Bocholt, filling on site max. 6 - 8 kg/m², without pass door

Rees



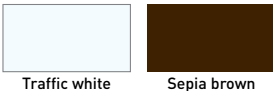
Bocholt



Rees with pass door



Colours



Automatic Up-and-over garage door system



Standard sizes Rees and Bocholt

Order sizes Co-ordinating sizes		Outer frame dimensions		Rees traffic white (similar to RAL 9016)	Bocholt sepia brown (similar to RAL 8014)
Width x Height in mm		Width x Height in mm		manually operated € / piece	manually operated € / piece
2250 x	1920	2341 x	1985	• 644,-	644,-
	2000		2065	• 644,-	644,-
	2075		2140	• 644,-	644,-
	2125		2190	• 644,-	644,-
2375 x	1920	2466 x	1985	• 651,-	651,-
	2000		2065	•• 651,-	651,-
	2075		2140	•• 651,-	651,-
	2125		2190	•• 616,-	616,-
	2250		2315	• 651,-	651,-
2500 x	1920	2591 x	1985	• 651,-	651,-
	2000		2065	•• 651,-	651,-
	2075		2140	• 651,-	651,-
	2125		2190	•• 616,-	616,-
	2250		2315	• 684,-	684,-
2625 x	2375	2716 x	2440	• 684,-	684,-
	2500		2565	• 746,-	746,-
	2750		2815	• 1170,-	1170,-
	2125		2190	• 710,-	710,-
2750 x	2000	2841 x	2065	• 767,-	767,-
	2125		2190	• 767,-	767,-
3000 x	2000	3091 x	2065	• 942,-	942,-
	2125		2190	• 942,-	942,-

• available on stock
•• RAL 8014 on stock
without • note production time

Special sizes type Rees and Bocholt

2750	1406,-	1406,-	1406,-		
2625	1406,-	1406,-	1406,-	1406,-	
2500	1181,-	1181,-	1181,-	1280,-	
2375	1136,-	1136,-	1136,-	1280,-	1550,-
2250	1136,-	1136,-	1136,-	1280,-	1550,-
2125	1040,-	1040,-	1040,-	1221,-	1221,-
2000	1040,-	1040,-	1040,-	1221,-	1221,-
Co-ordinating sizes	2000	up to 2250	up to 2500	up to 2750	up to 3000

Pass door hinged on garage door leaf profile, not centrally. Size ranges for garage doors with K pass doors: only in the grey coloured area. **Above that, only garage doors with M constructions are available.** Pass door opens outwards (please state opening direction when ordering).

*) Prepared for overlying wooden paneling on request (needs to be specified when ordering due modified lever arms). Thickness of wood filling max. 16 mm (consider door leaf weight), pass door on overlying wooden paneling not possible.

Type Bocholt
Standard: 6 - 8 kg/m² filling weight
Special order: 10 kg/m² filling weight in M construction possible

Automatic up-and-over garage door system

Art.-Nr.	Description	€/Piece
80800401	Operator head Novomatic 423	268,-
80800281	Track system BDIP10 one-piece (up to co-ord.height 2250)	86,-
80800282	Track system BDIP20 two-part (up to co-ord.height 2750)	118,-
80800416	3-point locking set	62,-

Extra price on Rees und Bocholt with pass door (on special size price): 571,- €
Combination of pass door and automatic garage door system is not possible

Further Up-and-over garage doors / Colours



Extra price for doors with other ribbed-, raised panel or herringbone designs
 Extra price for available colours (based on price of model Rees)

Up-and -over garage doors with ribbed design



Hamburg



Kassel



Köln



Kleve

Standard sizes	+ 376,- €	+ 376,- €	+ 484,- €	+ 484,- €
Special sizes	+ 669,- €	+ 669,- €	+ 578,- €	+ 578,- €

Up-and -over garage doors with raised panel design



Hagen *



Frankfurt



Krefeld

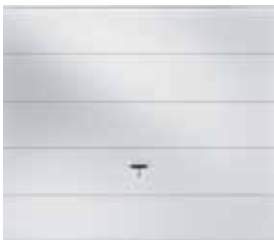


Bremen

Standard sizes	+ 376,- €	+ 376,- €	+ 376,- €	+ 376,- €
Special sizes	+ 669,- €	+ 669,- €	+ 669,- €	+ 669,- €

* Sizes 2375 x 2000 mm and 2375 x 2125 mm,
 traffic white (similar to RAL 9016) on stock

Up-and -over garage doors with lamella design or herringbone design



Siegen, waagerechte Lamelle



Kreuztal, senkrechte Lamelle

Standard sizes	+ 376,- €	+ 376,- €
Special sizes	+ 669,- €	+ 669,- €

Extra price for colours



light grey,
 simil. to RAL 7035



window grey,
 simil. to RAL 7040



anthracite grey,
 simil. to RAL 7016



pigeon blue,
 simil. to RAL 5014



fir green,
 simil. to RAL 6009



ochre brown,
 simil. to RAL 8001



sepia brown,
 simil. to RAL 8014



RAL of choice, individual
 colours available against
 surcharge.

as base paint
 + 99,- €

as base paint
 + 70,- €/m²

For these models a pass door is not possible

Timber up-and-over garage door Novoferm K® type Leipzig

Nordic pine (vertical panneling in the frame)

Leipzig



Standard sizes

Order sizes Co-ordinating sizes		Outer frame dimensions		Leipzig (Nordic pine)
Width x Height in mm		Width x Height in mm		manually operated €/ piece
2250 x	1920	2341 x	1985	1158,-
	2000		2065	1158,-
	2125		2190	1158,-
2375 x	1920	2466 x	1985	1167,-
	2000		2065	1167,-
	2125		2190	1125,-
	2250		2315	1167,-
	2375		2440	1167,-
2500 x	1920	2591 x	1985	1167,-
	2000		2065	1167,-
	2125		2190	1125,-
	2250		2315	1310,-
	2375		2440	1310,-
	2500		2565	1392,-
	2625 x		2125	2716 x
2750 x	2000	2841 x	2065	1392,-
	2125		2190	1392,-
3000 x	2000	3091 x	2065	1623,-
	2125		2190	1623,-

Special sizes

↑ Height in mm ↓	2750	2138,-	2138,-	2138,-		
	2625	2138,-	2138,-	2138,-	2138,-	
	2500	1584,-	1584,-	1584,-	1691,-	
	2375	1508,-	1508,-	1508,-	1691,-	2440,-
	2250	1508,-	1508,-	1508,-	1691,-	2440,-
	2125	1337,-	1337,-	1337,-	1658,-	1658,-
	2000	1337,-	1337,-	1337,-	1658,-	1658,-
	Co-ordinating sizes	2000	bis 2250	bis 2500	bis 2750	bis 3000
	← Width in mm →					

Extra price on pass door (only model Leipzig, on special price): **661,- €**

Pass door hinged on garage-door-leaf profile, not centrally. Size ranges for garage doors with K pass doors: only in the grey coloured area. Above that, only garage doors with **M construction** available. Pass door opens outwards (please state opening direction when ordering) **Panneling**: Nordic pine approx. 14 mm thick

Automatic Up-and-over garage door system



Automatic up-and-over garage door system

Art.-Nr.	Description	€/Piece
80800401	Operator head Novomatic 423	268,-
80800281	Track system BDIP10 one-piece (up to co-ord.height 2250)	86,-
80800281	Track system BDIP20 two-part (up to co-ord.height 2750)	118,-
80800416	3-point locking set	62,-

Pass door or overlying panneling is not possible in combination with Automatic Up-and-over garage door system

Further timber up-and-over garage door Novoferm K®



Extra price for timber-garage doors K with ribbed design (based on price of model Leipzig)

Extra price for timber-garage doors with ribbed design (vertical panelling)



München



Nürnberg

Standard sizes	+ 149,- €	+ 784,- €
Special sizes	+ 343,- €	+ 1272,- €

Extra price for timber-garage doors with ribbed design (horizontal panelling)



Schwerin



Stuttgart

Standard sizes	+ 304,- €	+ 403,- €
Special sizes	+ 493,- €	+ 654,- €

Extra price for timber-garage doors with ribbed design (diagonal panelling or herringbone pattern)



Rostock



Augsburg



Halle



Kempten

Standard sizes	+ 610,- €	+ 762,- €	+ 695,- €	+ 862,- €
Special sizes	+ 990,- €	+ 1236,- €	+ 1126,- €	+ 1262,- €

These models are not available with pass door

Models with overlying panelling can not be used in combination with automatic up-and-over door system

Novoferm K[®] Up-and-over garage door

Accessories

Rounded handle sets

	Art.-Nr.	€/piece
F1 silver coloured anodized	80349001	82,-
F3 brass coloured anodized	80349003	106,-
Stainless steel	80349018	106,-
Standard white, similar to RAL 9016	80349005	106,-
Sepia brown, similar to RAL 8014	80349006	98,-

Rebate profiles

Stainless-steel rebate profiles	co-ordinating width = 2375 mm	82590001	60,-
	co-ordinating width = 2500 mm	82590002	60,-
	co-ordinating width = 3000 mm	82590003	60,-
Wall anchor for rebate profile		80038000	6,-

Glazing variants*

Inner frame dimension: 390 x 190 mm or 190 x 390 mm

Variant 1S**



Vertical windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Rees and Kassel*

€/Piece 83,-

Variant 2S**



Vertical windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Rees and Kassel*

€/Piece 96,-

Variant 3S**



Vertical windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Rees and Kassel*

€/Piece 96,-

Variant 1W



Horizontal windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Köln*, Hamburg, Kleve und Siegen

€/Piece 83,-

Variant 2W



Horizontal windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Köln*, Hamburg, Kleve und Siegen

€/Piece 96,-

Variant 3W



Horizontal windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Köln*, Hamburg, Kleve und Siegen

€/Piece 96,-

Variant 4



Vertical windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Hagen, Bremen and Kreuztal

€/Piece 83,-

Variant 5



Vertical windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Hagen, Bremen and Kreuztal

€/Piece 96,-

Variant 6



Vertical windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Hagen, Bremen and Kreuztal

€/Piece 96,-

*) not possible with Side doors

***) symmetric division of the windows is in some cases not possible (depending on width of the door)

Extra price

Variant frame Super Color (garage-door colour)
Variant frame RAL of choice (garage-door colour)

19,- €/piece
40,- €/piece

Programme overview

Chapter - Table of contents

Product description	108
Technics	109
Standard- and special sizes	110
Accessories	114
Garage-door operators	139
Side doors	115
Side door accessories	121

Steel-Up-and over doors Novoferm M[®], manually operated

110



Rees
Vertical rib



Bocholt
Filling by customer



Köln
Horizontal rib



Hagen
Vertical raised panel



Frankfurt
Square raised panel



Krefeld
Square raised panel with upper arch line



Bremen
Rectangular raised panel with square middle line



Kiel
Vertical rib with punched ribbed plate filling (50 mm round holes)

Timber-Up-and over doors Novoferm M[®], manually operated

112



Leipzig
Vertical rib



München
Vertical rib



Halle
Herringbone



Kempten
Herringbone

Novoferm M[®] Up-and-over garage door

Product description

Garage door-leaf

Frame made of hot galvanized thin sheet, with steel filling, timber filling, or filling by customer

Garage door frame

Closed, 3-sided block frame made of hot galvanized thin sheet, with detachable rebate profile

Surface Coating (base paint)

Steel filling:

Base paint made of electrostatic powder coating based on polyester

Standard: traffic white, similar to RAL 9016

Special paint: Super Color (extra price)

Pigeon blue similar to RAL 5014

Fir green similar to RAL 6009

Anthracite grey similar to RAL7016

Light grey similar to RAL 7035

Window grey similar to RAL 7040

Ochre brown similar to RAL 8001

Sepia brown similar to RAL 8014

Special paint: RAL of choice (extra price)

Colours not available:

Luminous paints

RAL 1026, 2005, 2007, 3024,3026

Pearl effect paints

RAL 1035, 1036, 2013, 3032, 3033, 4011, 4012, 5025, 5026, 6035, 6036, 7048, 8029, 9022,9023

Filling by customer:

Base paint made of electrostatic powder coating based on polyester

sepia brown, similar to RAL 8014

Standard filling weight:

Prepared for planking in frame for 6–8 kg/m² filling weight (optimum: 7 kg/m²)

Special filling weight:

Prepared for planking in frame for 8–10 kg/m² filling weight (optimum: 10 kg/m²)

Observe possible size range (please state when ordering).

For weight reasons, a pass door is not possible

Special:

prepared for overlying wooden panelling (needs to be specified when ordering due modified lever arms)

Wood filling

Door-leaf frame:

Base paint made of electrostatic powder coating based on polyester sepia brown, similar to RAL8014

Wood filling of assorted, flawless profile wooden boards

Colourless base paint. Final coat required in between 4 weeks by customer, by max. 20% wood moisture.

Wood filling nordic pine approx. 14 mm thick.

Counterbalance

Multiple-safety- spring assemblies

Garage door lock and hardware

Special lock with profile half cylinder, plastic garage door handle, safety profile half-cylinder DPC 30.5/10; 40.5 mm long; lever 90° left, in accordance with DIN 18252 (type Rees, Kiel, Köln, Kassel, Essen, Frankfurt, Hagen, Krefeld, Bremen)

Safety profile half-cylinder DPC 35.5/10; 45.5 mm long; lever 90° left in accordance with DIN 18252 (type Bocholt); Safety profile half-cylinder DPC 40.5/10; 50.5 mm long; lever 90° left in accordance with DIN 18252 (type Hamburg, Kleve)

Locking on both sides (except on doors with pass door) Ball-bearing plastic rollers, plastic contact strip in block frame

Pass door (only possible with Rees, Bocholt, Leipzig)

Opens outwards (please state opening direction when ordering).If the pass door is installed on the left side of the garage door, it can only open to the left; if it is installed on the right side of the garage door, it can only open to the right.

Width of the pass door 890-920 mm. With garage doors with a co-ord.height of up to 2375 mm, the pass door reaches across the entire garage door leaf height. With higher garage doors, the doors are always 2066 mm high. The top are is fixed.

Mortise lock with drawback latch with a simultaneously closing profile cylinder and a black rounded handle set Safety profile half-cylinder DPC 35.5/30.5; 66 mm long; in accordance with DIN 18252

Guarantee:

Steel garage door

= 10 years manuf. guarantee

Timber garage door

= 5 years manuf. guarantee

Operator

= 5 years manuf. guarantee on mechanical parts, operator head and operator control

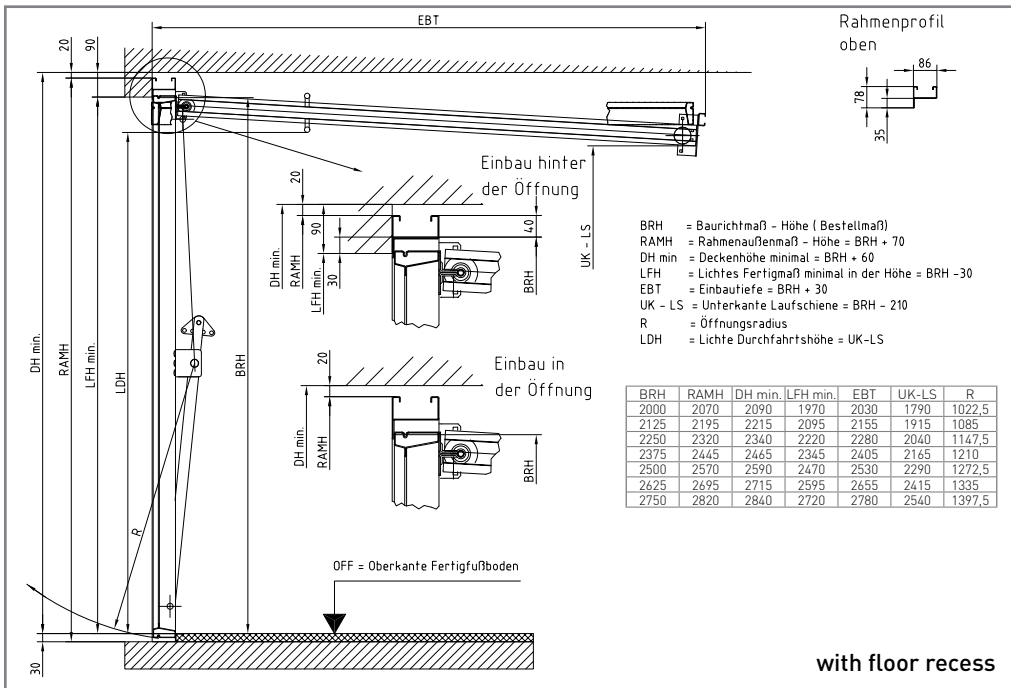
2 years manuf. guarantee on radio control and accessory parts

Novoferm M[®] Up-and-over garage door

Technics



Installation

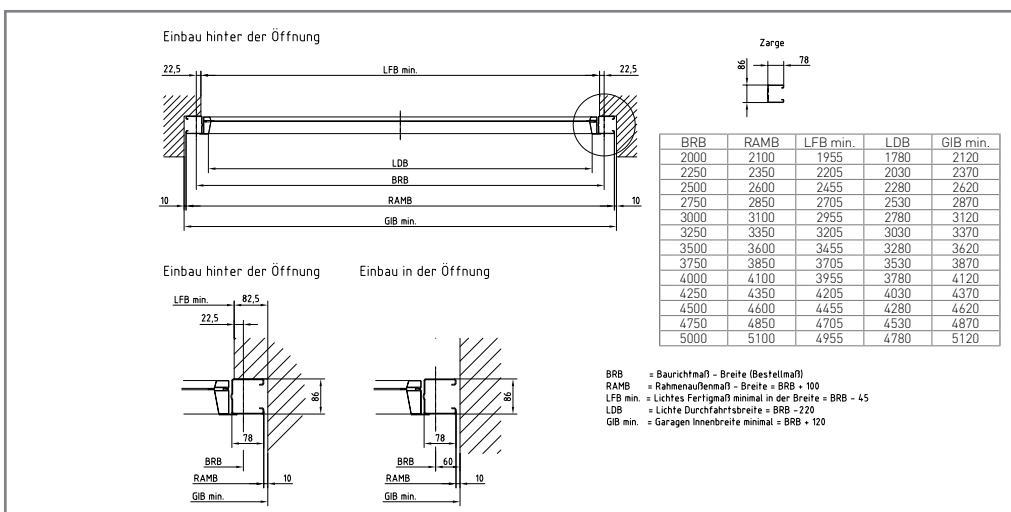
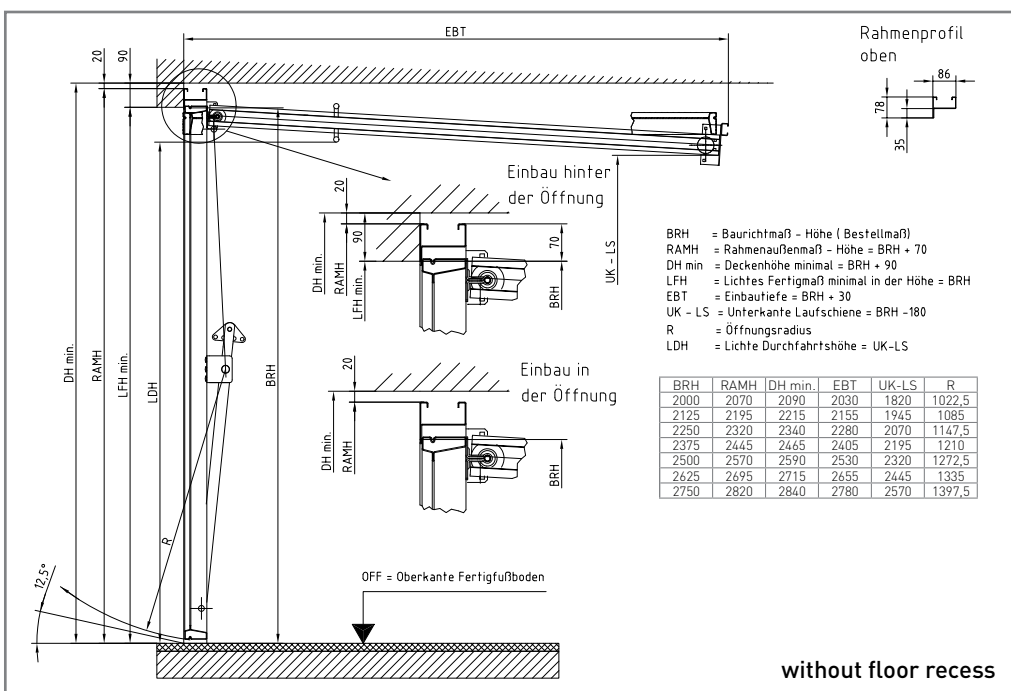


Attention!

If no co-ordinating size (order size) is stated in the order, the order will be based on the clear finished dimension.

Visible areas would be:

- frame profile (top) 35 mm with floor recess
- frame profile (top) 5 mm without floor recess
- frame both sides approx. 25 mm



Novoferm M® Up-and-over garage door type Rees / Bocholt

Type Rees,

Type Bocholt, filling on site max. 10 kg/m², without pass door

Rees



Bocholt



Colours



Standard sizes Rees and Bocholt

Order sizes Co-ordinating sizes		Outer frame dimensions		Rees traffic white (similar to RAL 9016)		Bocholt sepia brown (similar to RAL 8014)	
Width x Height in mm		Width x Height in mm		manually operated € / piece		manually operated € / piece	
4000 x	2000	4100 x	2070	2231,-		2231,-	
	2125		2195	2167,-		2167,-	
4500 x	2000	4600 x	2070	2586,-		2586,-	
	2125		2195	2634,-		2634,-	
	2250		2320	2771,-		2771,-	
5000 x	2000	5100 x	2070	2771,-		2771,-	
	2125		2195	2814,-		2814,-	

Special sizes Rees

Height in mm	Width in mm										
	2000	3000	3250	3500	3750	4000	4250	4500	4750	5000	
2750	2588,-	2588,-	2943,-								
2625	-	2588,-	2943,-								
2500	-	2417,-	2574,-	2723,-	2909,-						
2375	-	-	2574,-	2723,-	2909,-	3063,-					
2250	-	-	2574,-	2723,-	2909,-	3063,-	3196,-	3392,-			
2125	-	-	2361,-	2361,-	2720,-	2720,-	3067,-	3067,-	3386,-	3386,-	
2000	-	-	2361,-	2361,-	2720,-	2720,-	3067,-	3067,-	3386,-	3386,-	

Special sizes Bocholt

filling on site up to
max. 10 kg/m²

Height in mm	Width in mm										
	2000	3000	3250	3500	3750	4000	4250	4500	4750	5000	
2750	2588,-	2588,-	2943,-								
2625	2339,-	2588,-	2943,-								
2500	2233,-	2417,-	2574,-	2723,-	2909,-						
2375	2233,-	2233,-	2574,-	2723,-	2909,-	3063,-					
2250	2233,-	2233,-	2574,-	2723,-	2909,-	3063,-	3196,-	3392,-			
2125	2165,-	2165,-	2361,-	2361,-	2720,-	2720,-	3067,-	3067,-	3386,-	3386,-	
2000	2165,-	2165,-	2361,-	2361,-	2720,-	2720,-	3067,-	3067,-	3386,-	3386,-	

Special sizes Bocholt

fillin on site more than
10 kg/m²

Height mm	Width in mm													
	2000	3000	3250	3500	3750	4000	4250	4500	4750	5000	4500	4750	5000	
2750	2439,- ¹⁸	2439,- ¹⁸	2439,- ¹⁸	2711,- ¹⁸	2711,- ¹⁸	3048,- ¹⁴	3048,- ¹⁴	3309,- ¹²						
2625	2439,- ¹⁸	2439,- ¹⁸	2439,- ¹⁸	2711,- ¹⁸	2711,- ¹⁸	3048,- ¹⁴	3048,- ¹⁴	3309,- ¹²	3309,- ¹²	3309,- ¹²				
2500	2333,- ¹⁸	2333,- ¹⁸	2333,- ¹⁸	2450,- ¹⁸	2556,- ¹⁸	2726,- ¹⁸	2852,- ¹⁸	2991,- ¹⁴	3207,- ¹⁴	3302,- ¹²	3457,- ¹²			
2375	2333,- ¹⁸	2333,- ¹⁸	2333,- ¹⁸	2450,- ¹⁸	2556,- ¹⁸	2726,- ¹⁸	2852,- ¹⁸	2991,- ¹⁴	3207,- ¹⁴	3302,- ¹²	3457,- ¹²			
2250	2333,- ¹⁸	2333,- ¹⁸	2333,- ¹⁸	2450,- ¹⁸	2556,- ¹⁸	2726,- ¹⁸	2852,- ¹⁸	2991,- ¹⁴	3207,- ¹⁴	3302,- ¹²	3457,- ¹²			
2125	2265,- ¹⁸	2265,- ¹⁸	2265,- ¹⁸	2396,- ¹⁸	2396,- ¹⁸	2573,- ¹⁸	2573,- ¹⁸	2849,- ¹⁸	2849,- ¹⁸	3166,- ¹⁶	3166,- ¹⁶	3461,- ¹⁴	3461,- ¹⁴	
2000	2265,- ¹⁸	2265,- ¹⁸	2265,- ¹⁸	2396,- ¹⁸	2396,- ¹⁸	2573,- ¹⁸	2573,- ¹⁸	2849,- ¹⁸	2849,- ¹⁸	3166,- ¹⁶	3166,- ¹⁶	3461,- ¹⁴	3461,- ¹⁴	

* up to max kg/m²

Extra price
Pass door (only grey-coloured area)

€ 668,-

Further Up-and-over garage doors / Colours



Extra price for doors with other ribbed-, raised panel or herringbone designs
 Extra price for available colours (based on price of model Rees)

Up-and -over garage doors with ribbed design



Köln

Standard sizes	+ 1021,- €
Special sizes	+ 1033,- €

Up-and -over garage doors with raised panel design



Hagen



Frankfurt



Krefeld



Bremen

Standard sizes	+ 1027,- €	+ 1027,- €	+ 1027,- €	+ 1027,- €
Special sizes	+ 1033,- €	+ 1033,- €	+ 1033,- €	+ 1033,- €

Up-and -over garage doors with herringbone design or vertical rib with punched ribbed plate filling (50 mm round holes)



Kiel

Standard sizes	+ 1821,- €
Special sizes	+ 2118,- €

Extra price for colours [type Bocholt excluded]



light grey,
simil. to RAL 7035



window grey,
simil. to RAL 7040



anthracite grey,
simil. to RAL 7016



pigeon blue,
simil. to RAL 5014



fir green,
simil. to RAL 6009



ochre brown,
simil. to RAL 8001



sepia brown,
simil. to RAL 8014



RAL of choice, individual colours available against surcharge.

as base paint + 237,- €

as base paint + 70,- €/m ²
--

Up-and-over garage door Novoferm M® type Leipzig

Nordic pine (vertical panneling in the frame)

Leipzig



Standard sizes

Order sizes Co-ordinating sizes		Outer frame dimensions		Leipzig (Nordic pine)
Width x Height in mm		Width x Height in mm		manually operated €/ piece
4000 x	2000	4100 x	2070	4358,-
	2125		2195	4505,-
4500 x	2000	4600 x	2070	4880,-
	2125		2195	5002,-
	2250		2320	5274,-
5000 x	2000	5100 x	2070	5549,-
	2125		2195	5737,-

Special sizes

↑ Height in mm ↓	2750	5251,-	5251,-	5834,-							
	2625		5251,-	5834,-							
	2500		4850,-	5022,-	5267,-	5498,-	5745,-				
	2375			5022,-	5267,-	5498,-	5745,-	5990,-			
	2250			5022,-	5267,-	5498,-	5745,-	5990,-	6237,-		
	2125			4777,-	4777,-	5221,-	5221,-	5679,-	5679,-	4846,-	6220,-
	2000			4777,-	4777,-	5221,-	5221,-	5679,-	5679,-	4846,-	6220,-
	Co-ord.-sizes	2000	3000	3250	3500	3750	4000	4250	4500	4750	5000
	← Width in mm →										

Notes on pass doors: Size of pass doors from 890 to 920 mm wide. With garage doors with a co-ord. height up to 2375 mm, the door comes in one piece. With higher garage doors, the doors are 2066 mm high with a fixed top panel. The pass door is fixed to the profile of the door leaf. It is not in the centre of the door. Pass door opens outwards (please state opening direction when ordering).

Extra price

Pass door on standard dimension (Leipzig)

Pass door on special dimension (Leipzig) (only grey-coloured area)

€ 850,-

€ 685,-

Further timber up-and-over garage doors Novoferm M®



Extra price for timber-garage doors K with ribbed design (based on price of model Leipzig)

Extra price for timber-garage doors with ribbed design (vertical panelling)



München

Special sizes + 121,- €

Extra price for timber-garage doors with ribbed design (diagonal panelling or herringbone pattern)



Halle



Kempton

Special sizes + 500,- €

+ 922,- €

These models are not available with pass door

Novoferm M[®] Up-and-over garage door

Accessories

Rounded handle sets

	Art.-Nr.	€/piece
F1 silver coloured anodized	80349001	82,-
Stainless steel	80349018	106,-
Standard white, similar to RAL 9016	80349005	106,-
Sepia brown, similar to RAL 8014	80349006	106,-

Rebate profiles

Stainless-steel rebate profiles for M-doors co-ordinating width 5000 mm	82595004	135,-
Wall anchor for rebate profile	80038000	6,-

Glazing variants

Inner frame dimension: 390 x 190 mm or 190 x 390 mm



Variante 1**

Vertical windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Rees

€/Stck. 83,-



Variante 2**

Vertical windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Rees

€/Stck. 96,-



Variante 3**

Vertical windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Rees

€/Stck. 96,-



Variant 1W

Horizontal windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Köln*

€/Stck. 83,-



Variant 2W

Horizontal windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Köln*

€/Stck. 96,-



Variant 3W

Horizontal windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Köln*

€/Stck. 96,-

*) not possible with Side doors

**) symmetric division of the windows is in some cases not possible (depending on width of the door)



Variante 4

Vertical windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Hagen, Bremen

€/Stck. 83,-



Variante 5

Vertical windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Hagen, Bremen

€/Stck. 96,-



Variante 6

Vertical windows with acrylic glass, clear or crystal structure, 3 mm. Can be fitted to all types Hagen, Bremen

€/Stck. 96,-

Extra price

Variant frame Super Color (garage-door colour)
Variant frame RAL of choice (garage-door colour)

19,- €/piece
40,- €/piece

Side doors



Programme overview

Chapter - Table of contents

Product description	116
Technology	117
Accessories	121

Side doors with steel filling



Rees



Bocholt



Hagen



Krefeld



Bremen



Frankfurt



Kleve



Kassel



Kreuztal



Siegen



Düsseldorf



Kiel

Side doors with timber filling

120



Leipzig



Schwerin



Rostock



München



Stuttgart



Augsburg



Nürnberg

2-leaf Side doors

Rees

Bocholt

Side doors

Product description

Door element

Door leaf:

Door-leaf frame made of hot galvanized thin sheet, with steel filling or filling by customer.

Frame:

Steel corner frame made of hot galvanized thin sheet with continuous NTK seal on 4 sides and adjustable closing level, removable sill (necessary for inside rebate and/or continuous floor).

Side doors in standard sizes can be used left and right, for inside and outside rebate. **As-delivered condition:**

Inside rebate OD left. When ordering special designs, please state opening direction and type of rebate.

Surface coating (base paint)

Steel filling:

Base paint made of electrostatic powder coating based on polyester

Standard: traffic white, similar to RAL 9016

Special paint: Super Color (extra price)

Pigeon blue similar to RAL 5014

Fir green similar to RAL 6009

Anthracite grey similar to RAL 7016

Light grey similar to RAL 7035

Window grey similar to RAL 7040

Ochre brown similar to RAL 8001

Sepia brown similar to RAL 8014

Special paint: RAL of choice (extra price)

Colours not available:**Luminous paints**

RAL 1026, 2005, 2007, 3024, 3026

Pearl effect paints

RAL 1035, 1036, 2013, 3032, 3033, 4011, 4012, 5025, 5026, 6035, 6036, 7048, 8029, 9022, 9023

Filling by customer:

Base paint made of electrostatic powder coating based on polyester

Sepia brown, similar to RAL 8014

Standard: Prepared for planking in frame,

overlying paneling only available when door opens outwards

Wood filling**Door leaf frame:**

Base paint made of electrostatic powder coating based on polyester Sepia brown, similar to RAL 8014

Wood filling of assorted, flawless profile wooden boards

Frame:

Steel corner frame made of hot galvanized thin sheet, Base paint made of electrostatic powder coating based on polyester, traffic white, similar to RAL 9016

Special paint:

Frame will be painted in door leaf colour.

Colourless base paint. Final coat required in between 4 weeks by customer, by max. 20% wood moisture.

Door lock and hardware

Mortise lock with drawback latch, prepared for profile cylinder (not within scope of delivery) and black plastic rounded handle set. Optional with 3-point lock (up-and downwards)

Profile cylinder dimension:

Lock with Profile cylinder 31.5/31.5; 63 mm long; in accordance with DIN 18252 (Rees, Kassel, Kiel).

Lock with Profile cylinder 35.5/30.5; 66 mm long; in accordance with DIN 18252 (Bocholt, Frankfurt, Hagen, Krefeld, Bremen, Kleve, Düsseldorf, Kreuztal, Siegen).

Guarantee:

Steel door = 10 years manuf. guarantee

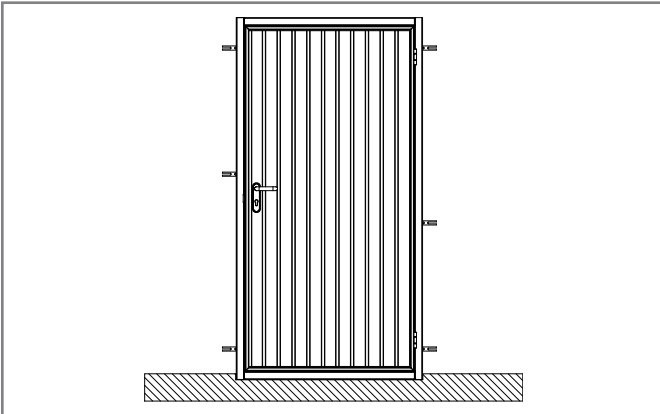
Timber door = 5 years manuf. guarantee

Side doors

Techology

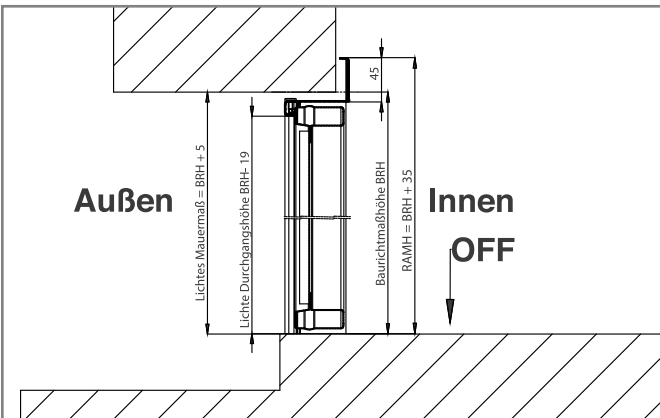


Front view with anchor position

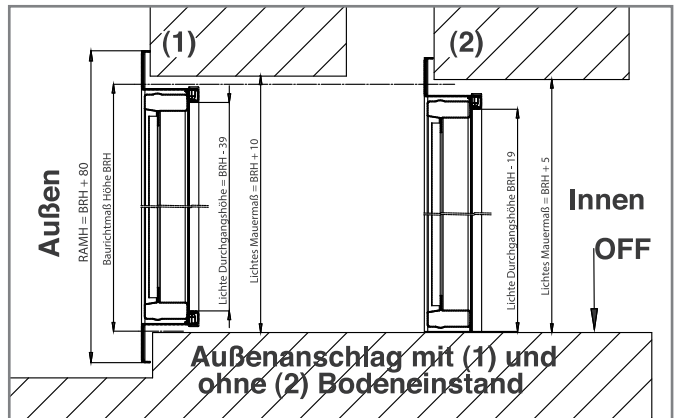


Please state DIN-option and type of rebate when ordering.

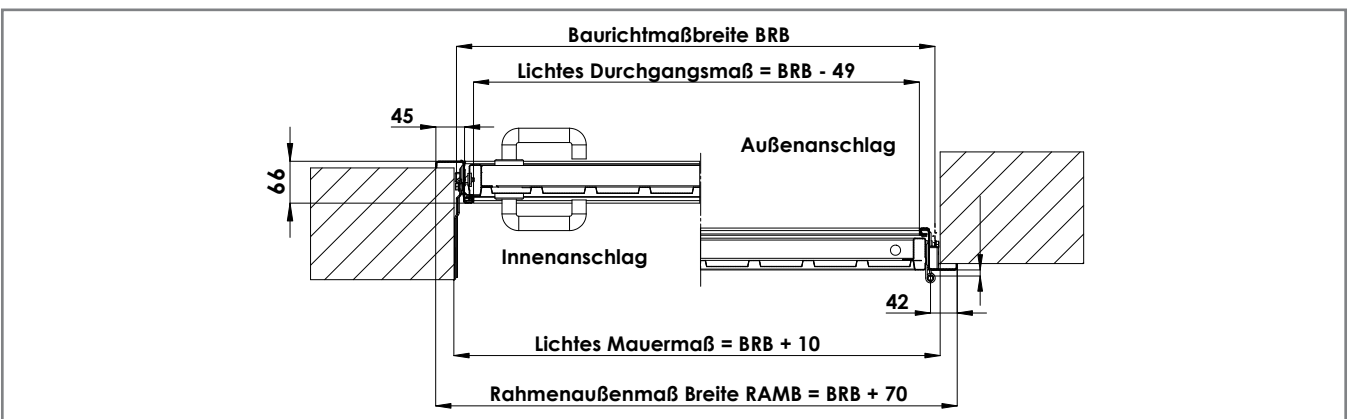
Installation situation „Opening inwards“



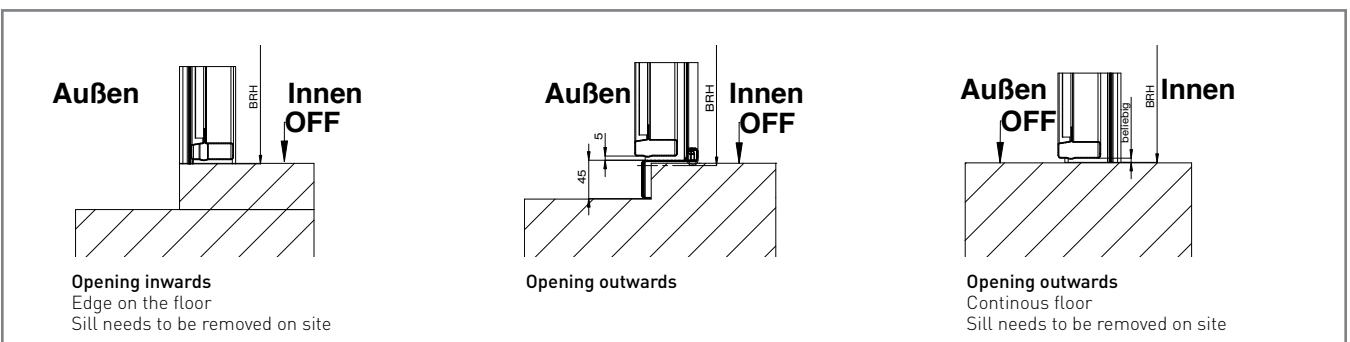
Installation situation „Opening outwards“



Horizontal cut on example „Opening inwards“



Type of rebate



Side doors

Steel fillings / Fillings by customer

Colours



Traffic white



Sepia brown

Super Color



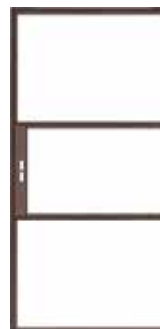
Standard sizes

Co-ordinating sizes	Type Rees Vertical rib		Type Bocholt Filling by customer	Type Hagen Vertical raised panel	
	Traffic white €/piece	Super Color €/piece	Sepia brown €/piece	Traffic white €/piece	Super Color €/piece
875 x 1875	357,-	456,-	357,-	549,-	648,-
2000	• 357,-	456,-	357,-	549,-	648,-
2125	• 357,-	456,-	357,-	626,-	725,-
1000 x 2000	• 382,-	481,-	382,-	626,-	725,-
2125	• 382,-	481,-	382,-	626,-	725,-

Special sizes

Co-ordinating sizes	Type Rees Vertical rib		Type Bocholt Filling by customer	Type Hagen Vertical raised panel	
	Traffic white €/piece	Super Color €/piece	Sepia brown €/piece	Traffic white €/piece	Super Color €/piece
up to 1000 x 2000	537,-	636,-	537,-	876,-	975,-
up to 1250 x 2375	632,-	731,-	632,-	890,-	989,-

• on stock
no dot •
note production time



Standard sizes

Co-ordinating sizes	Type Krefeld square raised panel with upper arch line		Type Bremen rectangular raised panel with square middle line		Type Frankfurt Square raised panel	
	Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece
875 x 1875	536,-	635,-	549,-	648,-	536,-	635,-
2000	536,-	635,-	549,-	648,-	536,-	635,-
2125	536,-	635,-	626,-	725,-	536,-	635,-
1000 x 2000	610,-	709,-	626,-	725,-	610,-	709,-
2125	610,-	709,-	626,-	725,-	610,-	709,-

Special sizes

Co-ordinating sizes	Type Krefeld Square raised panel with upper arch line		Type Bremen Rectangular raised panel with square middle line		Type Frankfurt Square raised panel	
	Traffic white €/Piece	Super Color €/Piece	Traffic white €/Piece	Super Color €/Piece	Traffic white €/Piece	Super Color €/Piece
up to 1000 x 2000	854,-	953,-	876,-	975,-	854,-	953,-
up to 1250 x 2375	868,-	967,-	890,-	989,-	868,-	967,-



The pattern illustrations conform to the 1000 x 2000 mm. Other door sizes deviate from what is shown.

Please state DIN-direction and type of rebate when ordering.

Side doors

Steel fillings



Standard sizes

Co-ordinating sizes	Kleve Horizontal rib with side profile		Kassel Vertical rib with horizontal profile		Type Kreuztal Vertical slat	
	Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece
875 x 1875	581,-	680,-	500,-	599,-	536,-	635,-
2000	581,-	680,-	500,-	599,-	536,-	635,-
2125	581,-	680,-	500,-	599,-	536,-	635,-
1000 x 2000	600,-	699,-	516,-	615,-	610,-	709,-
2125	600,-	699,-	516,-	615,-	610,-	709,-

Special sizes

Co-ordinating sizes	Kleve Horizontal rib with side profile		Kassel Vertical rib with horizontal profile		Type Kreuztal Vertical slat	
	Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece
up to 1000 x 2000	782,-	881,-	724,-	823,-	854,-	953,-
up to 1250 x 2375	880,-	979,-	824,-	923,-	868,-	967,-



Standard sizes

Co-ordinating sizes	Siegen Horizontal slat		Kiel Vertical rib with punched ribbed plate filling (50 mm round holes)		Type Düsseldorf Diagonal rib	
	Traffic white €/Piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece	Traffic white €/piece	Super Color €/piece
875 x 1875	536,-	635,-	406,-	505,-	731,-	830,-
2000	536,-	635,-	406,-	505,-	731,-	830,-
2125	536,-	635,-	406,-	505,-	731,-	830,-
1000 x 2000	610,-	709,-	425,-	524,-	746,-	845,-
2125	610,-	709,-	425,-	524,-	746,-	845,-

Special sizes

Co-ordinating sizes	Siegen Horizontal slat		Kiel Vertical rib with punched ribbed plate filling (50 mm round holes)		Type Düsseldorf Diagonal rib	
	Traffic white €/Piece	Super Color €/Piece	Traffic white €/Piece	Super Color €/Piece	Traffic white €/Piece	Super Color €/Piece
up to 1000 x 2000	854,-	953,-	572,-	671,-	923,-	1022,-
up to 1250 x 2375	868,-	967,-	670,-	769,-	1039,-	1138,-



RAL of choice as base paint per m² € 70,-

Please state DIN-direction and type of rebate when ordering.

Please state direction of the ribs when ordering (Diagonal direction from: bottom left to top right or from bottom right to top left).

Side doors

Timber fillings/ Nordic pine

Nordic pine

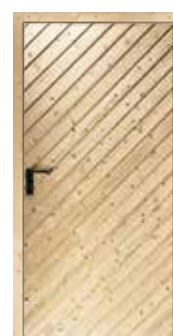
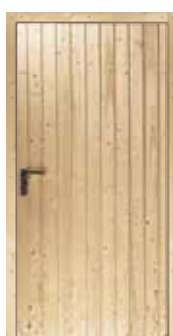


Standard sizes (Panelling in the frame)

Co-ordinating sizes	Type Leipzig Vertical rib	Type Schwerin Horizontal rib	Type Rostock Diagonal rib
Width x Height mm	Softline €/piece	Softline €/piece	Softline €/piece
875 x 1875	544,-	655,-	895,-
2000	544,-	655,-	895,-
2125	544,-	655,-	895,-
1000 x 2000	587,-	723,-	984,-
2125	587,-	723,-	1009,-

Special sizes (Panelling in the frame)

Co-ordinating sizes	Type Leipzig Vertical rib	Type Schwerin Horizontal rib	Type Rostock Diagonal rib
Width x Height mm	Softline €/piece	Softline €/piece	Softline €/piece
up to 1000 x 2000	713,-	844,-	1090,-
up to 1250 x 2375	933,-	1112,-	1447,-



Standard sizes (Panelling on the frame)

Co-ordinating sizes	Type München Vertical rib	Type Stuttgart Horizontal rib	Type Augsburg Diagonal rib	Type Nürnberg Vertical rib with horizontal profile strips
Width x Height mm	Softline €/piece	Softline €/piece	Softline €/piece	Softline €/piece
875 x 1875	621,-	701,-	947,-	847,-
2000	621,-	701,-	947,-	847,-
2125	621,-	701,-	947,-	847,-
1000 x 2000	667,-	770,-	1032,-	935,-
2125	667,-	770,-	1032,-	935,-

Special sizes (Verbretterung auf Rahmen)

Co-ordinating sizes	Type München Vertical rib	Type Stuttgart Horizontal rib	Type Augsburg Diagonal rib	Type Nürnberg Vertical rib with horizontal profile strips
Width x Height mm	Softline €/Piece	Softline €/Piece	Softline €/Piece	Softline €/Piece
up to 1000 x 2000	810,-	902,-	1149,-	1053,-
up to 1250 x 2375	1038,-	1170,-	1503,-	1397,-



The pattern illustrations conform to the 1000 x 2000 mm. Other door sizes deviate from what is shown.

Please state DIN-direction and type of rebate when ordering.
Please state direction of the ribs when ordering Rostock and Augsburg
(Diagonal direction from: bottom left to top right or from bottom right to top left).

2-leaf Side doors

Steel fillings / Fillings by customer

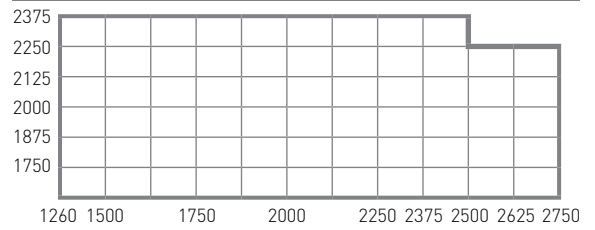


Co-ordinating sizes	Type Rees Vertical rib		Type Bocholt Fillings by customer
	Traffic white €/piece	Super Color €/piece	Sepia brown €/piece
from 1500 x 1750 up to 2500 x 2125	1519,-	1693,-	1519,-
up to 2500 x 2375	1564,-	1738,-	1564,-
up to 2750 x 2125	1686,-	1860,-	1686,-
up to 2750 x 2250	1711,-	1885,-	1711,-

Note production time

Please state DIN direction and type of rebate (active leaf) when ordering.

Size range



Between 1260 mm and 1490 mm asymmetrical distribution.

Extra prices and accessories

	Art.-Nr.	€/piece
RAL of choice	per m ²	-
Punching for dowel mounting (screw 8 mm Ø DIN 97 (only available on corner frame and on one type of block frame)	-	70,-
Block frame, 3-sided, closed block frame version (without sealing)	per rm.	33,-
Black plastic-knob-lever handle set (long plate with knob and handle)	31077000	26,-
Profile-Cylinder 61 mm für Nebentür	80198000	27,-
Profile-cylinder 66 mm (5 mm extended on one side) for side doors raised panel and filling by customer	80017000	24,-
Profile-cylinder 81 mm (20 mm extended on one side) for side doors filling by customer (overlying panelling)	-	27,-
Profile-cylinder-pair, simultaneous locking	-	45,-
3-point locking (upwards and downwards)	-	43,-
		on request

Rounded handle sets

	Art.-Nr.	€/piece
F1 silver coloured anodized	80350001	109,-
Standard white, similar to RAL 9016	80350005	129,-
Sepia brown, similar to RAL 8014	80350006	129,-



Trafimatic® Plus: multi car garage door

Discover the cost efficient solution for big and small multi car garages!

Its exceptional technology combines safety and ease of use: The door doesn't swivel out. The weight is balanced by two fully encased counterweights. The operator is integrated in the frame at the side and thus offers cutting-edge safety technology. Trafimatic® Plus also complies with European garage door safety standards (EN 13241-1 and EN 12604). For information on prices, please contact your Novoferm representative.

Your Novoferm representative or sales advisor is available to help if needed.
For more information, go to www.novoferm.com.



Programme overview

Chapter - Table of contents

Product description, Trafimatic Plus, Up-and-over garage doors	124 / 128
Technics Trafimatic Plus, Up-and-over garage doors	125 / 129
Accessories Trafimatic Plus, Up-and-over garage doors	127 / 106

Trafimatic plus

126



Collective garage door / Up-and-over-garage door Trafimatic
power operated

Up-and-over-garage door K[®] type Kiel

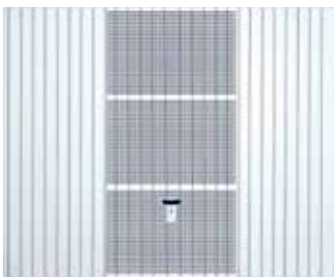
130



Up-and-over garage door K type Kiel for collective car parking areas
manually operated, vertical rib with punched holes (50 mm round holes)

Up-and-over-garage door K[®] type Micro

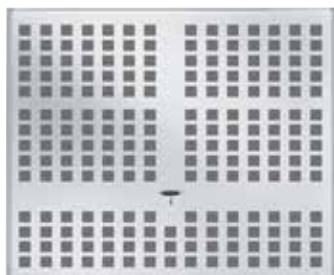
130



Up-and-over garage door K type Micro for collective car parking areas
manually operated, Vertical rib with 6 x 6 mm punched micro-holes in centre field

Up-and-over-garage door K[®] type 90 Air

130



Up-and-over garage door K type 90 Air for collective car parking areas
manually operated, 90 x 90 mm punched holes

Novoferm Trafimatic Plus

Product description

Door leaf

Door leaf made of hot galvanized thin sheet, with steel filling, timber filling, or filling on site.
Optional: Door leaf made of aluminium with 20 mm sections or alu bars/ expanded grating

Door leaf frame

Door leaf frame made of galvanized steel or aluminium (up to 5200 mm width)

Door frame

3-sided, galvanized door frame, alternatively in same colour as door leaf

Surface coating

Steel filling:

Base paint made of electrostatic powder coating based on polyester

Standard: traffic white, similar to RAL 9016

Preferred colours:

light ivory	similar toRAL 1015
steel blue	similar toRAL 5011
moss green	similar toRAL 6005
fir green	similar toRAL 6009
pale green	similar toRAL 6021
anthracite grey	similar toRAL 7016
light grey	similar toRAL 7035
window grey	similar toRAL 7040
ochre brown	similar toRAL 8001
nut brown	similar toRAL 8011
sepia brown	similar toRAL 8014
distant blue	similar toRAL 5023
deep black	similar toRAL 9005
white aluminium	similar toRAL 9006
grey aluminium	similar toRAL 9007
sanded grey	S7016
sanded grey	S2900

optional: RAL of choice

Filling on site:

Standard filling weight: 5,6 kg/m²

Prepared for planking in frame

Special filling weights in 11 kg steps on request

Counter balance

In the frame integrated, completely covered counter weights

Door lock and safety

Serial locking with electromagentic bolts on every side

Automized unlocking by operating

Manual emergency unlocking possible from the inside (bolts are battery powered)

Serial, in the frame integrated light barriers (2 pieces)

Force limit of the operator.

Optical closing edge safety device (serial)

Optional with traffic light or several flashing lights

Pass door (only available when door-leaf-frame is made of steel)

Pass door opens outwards. Serial with safety contact and upper door closer.

Installation outside left (DIN left) or outside right (DIN right), outwards opened (opposite side of the operator)

Pass door not possible in case of welded grating. max. height 2500 mm

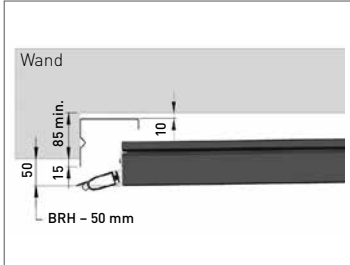
Operator

Operator mounted left or right in the frame, power connection : 230 V /50Hz (not ready for plug)

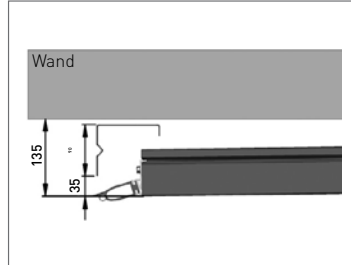
Soft-start and soft-stop, opening speed: approx. 14 s

Installation

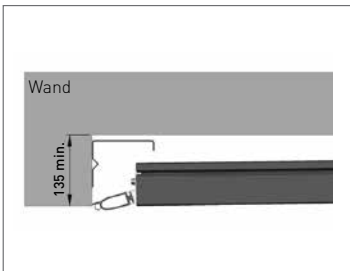
Montage A: mit Sturz



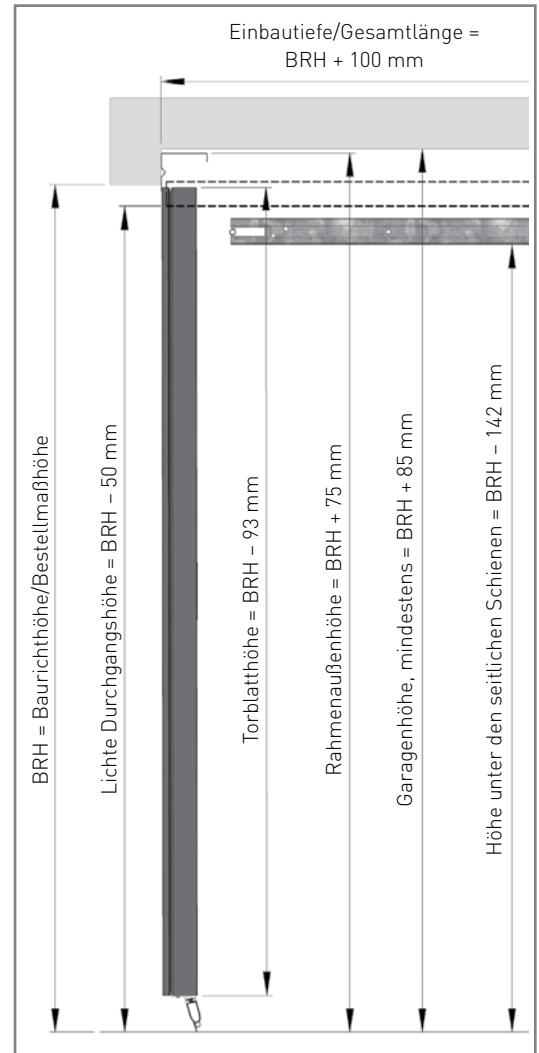
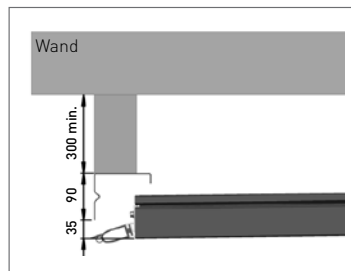
Montage B: ohne Sturz



Montage C: Das Torblatt verschwindet hinter dem Sturz



Montage D: mit fester Blende
(bauseits oder von Novoferm in Toroportik)



Horizontal cut



Novoferm Trafimatic Plus

EN 13241-1

13 m² door leaf surface, traffic white, similar to RAL 9016

Size range

Height ↑	2380 up to 2750	C	F	I	L	O	R	U	
	2255 up to 2375	B	E	H	K	N	Q	T	W
	2000 up to 2250	A	D	G	J	M	P	S	V
	in mm	< 3000	3000 up to 3250	3255 up to 3500	3505 up to 4000	4006 up to 4500	4505 up to 5000	5005 up to 5200	5005 up to 6000
		Width →							

Height for raised panel max 2250 mm. Please state when ordering: Mounting side operator: right or left ; Ventilation opening: top or bottom

Door-leaf steel frame

Area	Grooved steel surface vertical €/piece	Filling on site* (add additional filling weight) €/piece	Raised panel Flush smooth €/piece	Multi layer board (Okoume) €/piece	Nordic pine €/piece	Red cedar €/piece
A up to H	6720,-	6720,-	7270,-	7360,-	7750,-	8790,-
I	6910,-	6910,-	7680,-	7540,-	7930,-	8980,-
J and K	6720,-	6720,-	7490,-	7360,-	7750,-	8790,-
L	6910,-	6910,-	7790,-	7910,-	8290,-	8980,-
M up to O	7040,-	7040,-	7930,-	7840,-	8330,-	9590,-
P up to R	7450,-	7450,-	8340,-	8610,-	9100,-	10370,-
S up to U	7680,-	7680,-	8570,-	-	-	-
V up to W	7920,-	7920,-	8800,-	-	-	-

* Infill more than 5,6 kg/m², extra price 50,-€ per 11 kg . Informations about maxim. possible weight on request (depends on size of the door).

Option of ventilation on doors with filling on site, Sealing and panels for header compensation

	Perforated steel -rib (6 x 25)	Perforated steel -rib (45 x 45)	Grating with welded wire (50 x 50)	Vertical bars V-Profile
Ventilation cross-section	33 %	40 %	80 %	70 %
Flat rate standard height 600	117,-	156,-	206,-	212,-
Special size (minimum calculation 2 m ²)	79,-/m ²	150,-/m ²	120,-/m ²	123,-/m ²

Panel for lintel compensation

(Minimum calculation. 2 m ²) Width and Height min. 300 mm, max. 3000 mm	€/piece
Steel-surface to be ribbed	290,-/m ²
Solid wood multi layer boards(Okoume)	375,-/m ²
Nordic pine	405,-/m ²
Red cedar	505,-/m ²

Integrated pass door

	€/Piece
Pass door (please state when ordering: Rebate on the outside either left or right , opening outwards Pass door only possible on the opposite side of the operator, incl. pass door contact	960,-
Door closer even (order separate)	300,-
Anti panic device and bar	182,-

Optional arrangement

	€/Piece
Horizontal rib or diagonal (centered hinge for door leaf width > 3 m) – except of solid wood - multi layer board -	50,-/m ²

Door-leaf aluminium frame

Area	20 mm thermo section €/piece	vertical bars €/piece	Aluminium grating €/piece
A up to D	8270,-	7580,-	9650,-
E and F	8270,-	7580,-	10350,-
G	8690,-	8000,-	10760,-
H	9380,-	8400,-	11870,-
I	9930,-	8960,-	12420,-
J and K	9380,-	8400,-	11870,-
L up to N	9930,-	8960,-	12420,-
O up to Q	9930,-	8960,-	13110,-
R	10350,-	9380,-	13520,-

Option ventilation aluminium-frame

	Aluminium grating	vertical bars with alu-square tube (25 x 25)
Ventilation cross-section	33 %	70 %
Flat rate standard height 600	300,-	212,-
Special size (minimum calculation 2 m ²)	132,-/m ²	178,-/m ²

Novoferm Trafimatic Plus

EN 13241-1



Control accessories

	€/piece
Hand-transmitter Mini-Novotron 502, 2-kanal	59,-
Hand-transmitter Mini-Novotron 504, 4-kanal	70,-
Integrated receiver (max. 89 user, not usable for traffic lights)	97,-
Multi user receiver E43XL (max. 1000 user)	411,-
Coaxial antenna + 5 m cable	67,-
Universal receiver 433MHz 13/24V - 1 channel (max. 10/15 user)	107,-

Additional accessories

	€/piece
Week-time-switch programmable,wired	255,-

Ribbed steel-surface

Pre-painted in traffic white, similar to RAL 9016	€/piece
Standard (L 828 mm x H 2000 mm)	95,-
Special size (Minimum charge of 1 m ² per element)	85,-/m ²

Colour options

For door leaf, Pass door, Panel for header compensation, Sealing, Sheet DL (Spray paint not included)	€/piece
Preferred colours*	220,-
RAL of choice (up to door width 5200 mm)	68,-/m ²
Painted frame (up to door width 5200 mm)	432,-
Set of brush sealing	66,-
Connection brackets galvanized or RAL 9016, Special size (max. 300x300 mm, Lengths max. 3000 mm)	53,-/lfm

* RAL 1015, 5011, 6005, 6009, 7016, 7035, 7040, 8001, 8011, 8014, 9006, 9007, 9005, S7016, S2900

Operation and safety

	€/piece
Additional flashing lights (not pre assembled)	45,-
Traffic light control	319,-
Signal lamp, red or green	64,-
Set for marking the floor (Spray can, 1.5 yellow and black)	186,-
Special trim profiles (if the door is mounted on a facade)	64,-

Angles

	Galvanized		Painted white	
	Art.-Nr.	€/Piece	Art.-Nr.	€/piece
Angle, made of 2 mm thick metal sheet (Width x Height x Lengths)				
30 x 40 x L 2500	NFF34022	23,-	NFF34039	45,-
50 x 60 x L 2500	NFF34023	27,-	NFF34040	48,-
60 x 80 x L 2500	-	-	NFF38011	56,-
60 x 120 x L 2500	-	-	NFF38017	55,-
70 x 80 x L 2500	NFF34024	33,-	NFF34041	53,-
90 x 100 x L 2500	NFF34025	39,-	NFF34042	59,-
100 x 125 x L 2500	-	-	NFF38016	68,-
110 x 120 x L 2500	NFF34026	47,-	NFF34043	68,-
80 x 120 x L 3000	-	-	NFF38010	75,-
100 x 125 x L 4000	-	-	NFF38015	109,-
Angle, made of 3 mm thick metal sheet (Width x Height x Lengths)				
100 x 100 x L2500	NFF34032	67,-	NFF34049	84,-
50 x 100 x L3000	NFF34028	47,-	NFF34045	68,-
50 x 150 x L3000	NFF34029	67,-	NFF34046	84,-
50 x 200 x L3000	NFF34030	84,-	NFF34047	99,-
50 x 250 x L3000	NFF34031	99,-	NFF34048	119,-

Angle galvanized, special size (max. 300 mm, lengths max. 3000 mm) (Art.-Nr. NFF50045)
RAL of choice for angles in special size

per rm. € 53,-
per rm. € 45,-

Novoferm Up-and-over garage doors for collective car parking areas

Product description

Door leaf

Garage door leaf frame made of hot galvanized thin sheet with steel filling

Garage door frame

Closed, 3-sided block frame made of hot galvanized thin sheet, with detachable rebate profile

Surface coating (base paint)

Steel filling:

Base paint made of electrostatic powder coating based on polyester

Standard: traffic white, similar to RAL 9016

Special paint: Super Color (extra price)

Pigeon blue similar to RAL 5014

Fir green similar to RAL 6009

Anthracite grey similar to RAL 7016

Light grey similar to RAL 7035

Window grey similar to RAL 7040

Ochre brown similar to RAL 8001

Sepia brown similar to RAL 8014

Special paint: RAL of choice (extra price)

Colours not available:

Luminous paints

RAL 1026, 2005, 2007, 3024, 3026

Pearl effect paints

RAL 1035, 1036, 2013, 3032, 3033, 4011, 4012, 5025, 5026, 6035, 6036, 7048, 8029, 9022, 9023

Counterbalance

Multiple safety spring assemblies

Garage door lock and hardware

Special lock with profile half cylinder, plastic garage door handle, safety profile half-cylinder DPC 30.5/10; 40.5 mm long; lever 90° left, in accordance with DIN 18252

Floor-independent side bolting with manipulation protection (horizontal locking when door has a pass door) Ball-bearing plastic rollers, plastic contact strip in block frame

Automatic up-and-over garage door system

Novoferm Up-and-over doors K® with Novomatic 423 and 3-point locking, with matching track system (BDIP) as a complete solution for single garages available (not in combination with pass door.

Safe-lock mechanism existing of:

- Novomatic 423
- Track system BDIP
- 3-point locking set

Technical data to the Operator 423 will be shown in the chapter of garage door operators.

Guarantee:

Steel garage door

= 10 years manuf. guarantee

Timber garage door

= 5 years manuf. guarantee

Operator

= 5 years manuf. guarantee on mechanical parts, operator head and operator control
2 years manuf. guarantee on radio control and accessory parts

Novoferm Up-and-over garage doors

for collective car parking areas



Technics

Installation

Bei Handbetrieb und Antrieb

EBT EBTA

BRH = Bestellmaß

Einbau hinter der Öffnung

Einbau in der Öffnung

OFF = Oberkante Fertigfußboden

with floor recess

BRH Bestellmaß	RAMH	DH min.	LFH min.	LDH	EBT	EBTA	UK-LS	R
1920	1985	1965	1890	1780	1925		1775	957.5
2000	2065	2045	1970	1860	2005	BDIP10	1855	997.5
2075	2140	2120	2045	1935	2080	2741	1930	1035
2125	2190	2170	2095	1985	2130		1980	1060
2250	2315	2295	2220	2110	2255		2105	1122.5
2375	2440	2420	2345	2235	2380		2230	1185.5
2500	2565	2545	2470	2360	2505	BDIP20	2355	1247.5
2625	2690	2670	2595	2485	2630	3255	2480	1310.5
2750	2815	2795	2720	2610	2755		2605	1372.5

Attention!

If no co-ordinating size (order size) is stated in the order, the order will be based on the clear finished dimension.

Visible areas would be:

- frame profile (top) 35 mm with floor recess
- frame profile (top) 5 mm without floor recess
- frame both sides approx. 25 mm

Bei Handbetrieb und Antrieb

EBT EBTA

BRH = Bestellmaß

Einbau hinter der Öffnung.

Einbau in der Öffnung.

OFF = Oberkante Fertigfußboden

without floor recess

BRH Bestellmaß	RAMH	DH min.	LDH	EBT	EBTA	UK-LS	R
1920	1985	1995	1810	1925		1805	957.5
2000	2065	2075	1890	2005	BDIP10	1885	997.5
2075	2140	2150	1965	2080	2741	1960	1035
2125	2190	2200	2015	2130		2010	1060
2250	2315	2325	2140	2255		2135	1122.5
2375	2440	2450	2265	2380		2260	1185.5
2500	2565	2575	2390	2505	BDIP20	2385	1247.5
2625	2690	2700	2515	2630	3255	2510	1310.5
2750	2815	2825	2640	2755		2635	1372.5

Darstellung: Maueranker innen und Einbau hinter der Öffnung.

Einbau hinter der Öffnung. Einbau in der Öffnung.

BRB = Baurichtmaß - Breite (Bestellmaß)
 RAMB = Rahmenaußenmaß - Breite = BRB + 91
 LFB min. = Lichtes Fertigmaß minimal in der Breite = BRB - 45
 LDB = Lichtes Durchfahrtsbreite = BRB - 143
 GIB min. = Garagen Innenbreite minimal = BRB + 111

Bestellmaß	RAMB	LFB min.	LDB	GIB min.
2250	2341	2205	2107	2361
2375	2466	2330	2232	2486
2500	2591	2455	2357	2611
2625	2716	2580	2482	2736
2750	2841	2705	2607	2861
3000	3091	2955	2857	3111

Zarge

Novoferm Up-and-over garage doors for collective car parking areas

Novoferm K® type Kiel, vertical rib with punched holes (50 mm round holes)

Novoferm K® type 90 Air, 90 x 90 mm punched holes

Novoferm K® type Micro, vertical rib with 6 x mm punched micro-holes in centre field

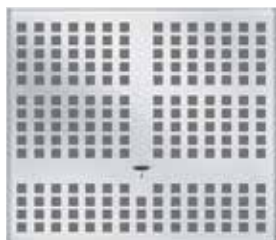
Kiel



Micro



90 Air



Automatic Up-and-over garage door system



Standard sizes

Order sizes Co-ordinating sizes		Outer frame size		Type Kiel traffic white (similar to RAL 9016)	Type Micro traffic white (similar to RAL 9016)	Type 90 Air traffic white (similar to RAL 9016)
Width x Height in mm		Width x Height in mm		manually operated €/ piece	manually operated €/ piece	manually operated €/ piece
2250 x	1920	2341 x	1985	732,-	721,-	1077,-
	2000		2065	732,-	721,-	1077,-
	2075		2140	732,-	721,-	1077,-
	2125		2190	732,-	721,-	1077,-
2375 x	1920	2466 x	1985	741,-	758,-	1084,-
	2000		2065	741,-	758,-	1084,-
	2075		2140	741,-	758,-	1084,-
	2125		2190	702,-	725,-	1052,-
	2250		2315	741,-	758,-	1084,-
	2375		2440	741,-	758,-	1084,-
2500 x	1920	2591 x	1985	741,-	758,-	1084,-
	2000		2065	741,-	758,-	1084,-
	2075		2140	741,-	758,-	1084,-
	2125		2190	702,-	725,-	1052,-
	2250		2315	772,-	791,-	1135,-
	2375		2440	772,-	791,-	1135,-
	2500		2565	-	855,-	-
	2750		2815	-	1.277,-	-
2625 x	2125	2716 x	2190	798,-	818,-	1172,-
2750 x	2000	2841 x	2065	857,-	873,-	1223,-
	2125		2190	857,-	873,-	1223,-
3000 x	2000	3091 x	2065	1034,-	1047,-	1396,-
	2125		2190	1034,-	1047,-	1396,-

Automatic up-and-over garage door system

Art.-Nr.	Description	€/piece
80800401	Operator head Novomatic 423	268,-
80800281	Track system BDIP10 one-piece (up to Co-ord.height 2250)	86,-
80800282	Track system BDIP20 two-part (up to Co-ord.height 2750)	118,-
80800416	3-point locking set	62,-

Novoferm Up-and-over garage doors for collective car parking areas



Novoferm K® type Kiel, vertical rib with punched holes (50 mm round holes)

Novoferm K® type 90 Air, 90 x 90 mm punched holes

Novoferm K® type Micro, vertical rib with 5 x 5 mm punched micro-holes in centre field

Special sizes type Kiel

↑ Height in mm ↓	2750					
	2625					
	2500					
	2375	1217,-	1217,-	1217,-	1368,-	1580,-
	2250	1217,-	1217,-	1217,-	1368,-	1580,-
	2125	1123,-	1123,-	1123,-	1301,-	1301,-
	2000	1123,-	1123,-	1123,-	1301,-	1301,-
Co-ordinating sizes	2000	up to 2250	up to 2500	up to 2750	up to 3000	

← Width in mm →

Special sizes type Micro

↑ Height in mm ↓	2750	1523,-	1523,-	1523,-		
	2625	1523,-	1523,-	1523,-	1523,-	
	2500	1285,-	1285,-	1286,-	1388,-	
	2375	1244,-	1244,-	1244,-	1388,-	1659,-
	2250	1244,-	1244,-	1244,-	1388,-	1659,-
	2125	1150,-	1150,-	1150,-	1341,-	1341,-
	2000	1150,-	1150,-	1150,-	1341,-	1341,-
Co-ordinating sizes	2000	up to 2250	up to 2500	up to 2750	up to 3000	

← Width in mm →

Special sizes type 90 Air

↑ Height in mm ↓	2750	2211,-	2211,-	2211,-		
	2625	2211,-	2211,-	2211,-	2211,-	
	2500	1823,-	1823,-	1823,-	2086,-	
	2375	1782,-	1782,-	1782,-	2086,-	2163,-
	2250	1782,-	1782,-	1782,-	2086,-	2163,-
	2125	1728,-	1728,-	1728,-	1935,-	1935,-
	2000	1728,-	1728,-	1728,-	1935,-	1935,-
Co-ordinating sizes	2000	up to 2250	up to 2500	up to 2750	up to 3000	

← Width in mm →

Extra price for colours



light grey,
simil. to RAL 7035



window grey,
simil. to RAL 7040



anthracite grey,
simil. to RAL 7016



pigeon blue,
simil. to RAL 5014



fir green,
simil. to RAL 6009



ochre brown,
simil. to RAL 8001



sepia brown,
simil. to RAL 8014



RAL of choice, individual
colours available against
surcharge

Super Color as base paint
+ 99,- €

as base paint
+ 70,- €/m²



NovoRol Automatic garage roll door

Garage roll doors are made of top quality aluminium slats and designed along the lines of roller shutters. The ceiling in the garage remains clear and since no room is needed in front of the garage for a door to swing out you can make full use of the space – to park a second car, for example. To suit your individual design requirements, Novoferm garage roll doors are available in golden oak, traffic white or one of nine preferred colours. All NovoRol garage doors are standard supplied complete with tubular motor operator for flexible wall installation, and two 2-channel remote controls.

Your Novoferm representative or sales advisor is available to help if needed.
For more information, go to www.novoferm.com.



Programme overview

Chapter - Table of contents

Product description	134
Technics	135
Accessories	136

NovoRol

ab 136



Roller door - NovoRol
power operated

NovoRol - Automated roller door

Product description

Door leaf

77 mm aluminium sections filled with CFC-free insulating foam, 15 mm thick

Door-frame

90 mm width at the side , Guiding rails made of steel, above 300 mm case made of steller for roller curtain

Standard colour: painted traffic white, similar to Ral 9016

Optional: Door-leaf frame in door-leaf colour

Surface coating

Steel filling:

Base paint made of electrostatic powder coating based on polyester

Standard: RAL 9016 traffic white or golden oak

(Golden oak only on the outside)

Preferred colours:

light ivory	RAL 1015
purple red	RAL 3004
pale green	RAL 6021
anthracite grey	RAL 7016
sepia brown	RAL 8014
grey brown	RAL 8019
deep black	RAL 9005
white aluminium	RAL 9006
sanded black	2100

Operator and safety

Operator: Tube motor with separate control for the installation on the wall (230 V/ 50 Hz), ready for plug in

Integrated push button and lighting in the control housing

Anti-drop protection

Manuel emergency unlocking possible from the inside

Optical safety edge (serial)

Scope of delivery

Roller curtain

Guiding rails

Crank (for emergency operation)

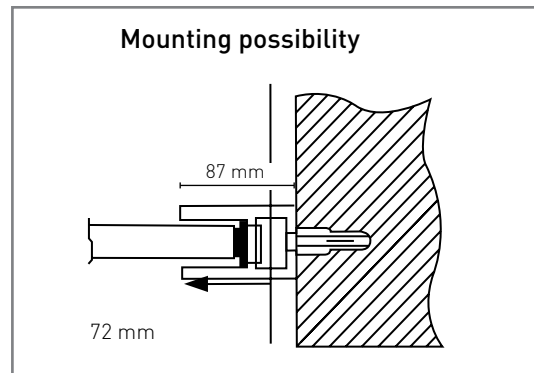
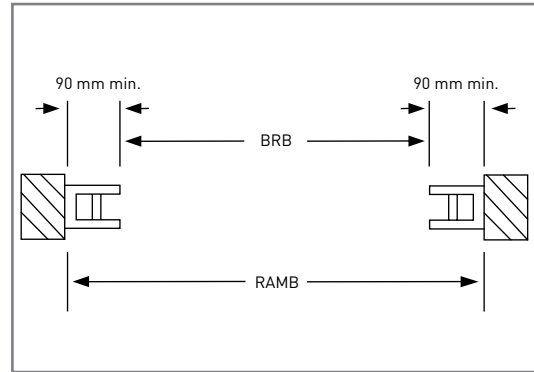
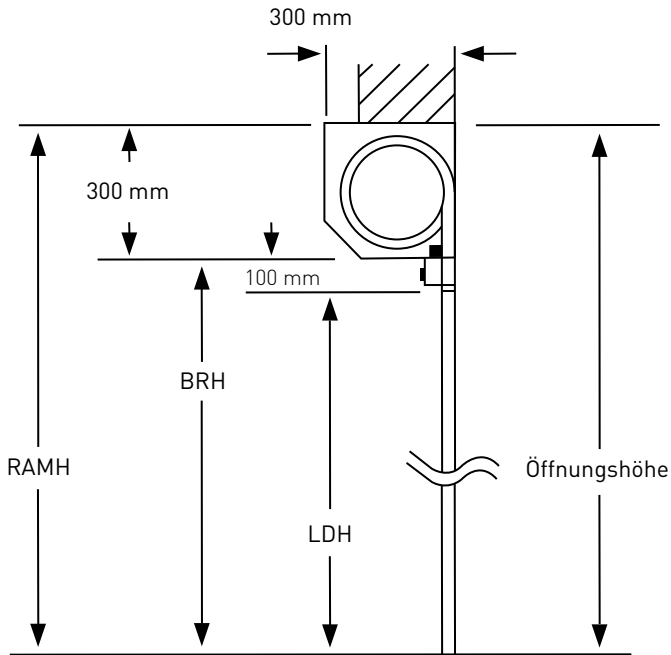
Control unit incl. 2 pieces 2- channel hand

transmitter Mini-Novotron 502

(at all 2 packages)

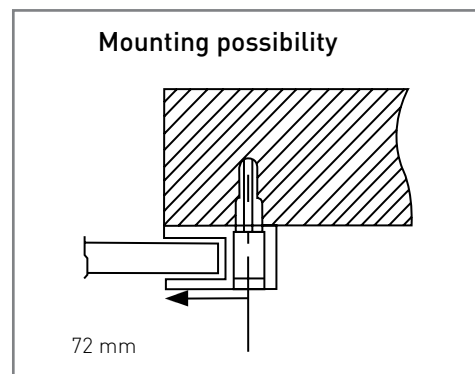
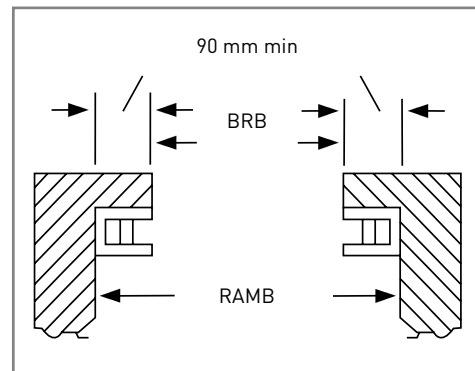
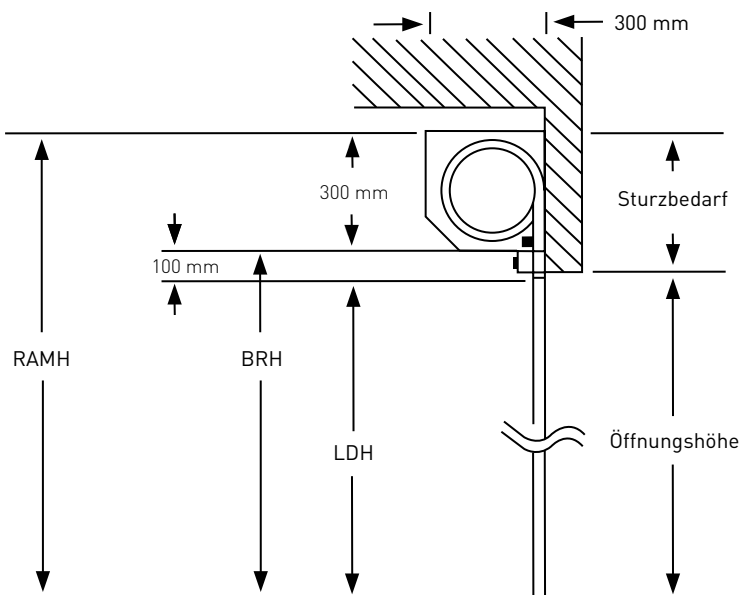
Installation in the opening

- BRB** Co-ordinating width
- BRH** Co-ordinating height
- RAMB** Outer frame - width
- RAMH** Outer frame - height
- LDH** Clear passage height



Installation behind the opening

- BRB** Co-ordinating width
- BRH** Co-ordinating height
- RAMB** Outer frame - width
- RAMH** Outer frame - height
- LDH** Clear passage height



NovoRol - automated roller door

Prices

Traffic white



Price table

Traffic white

Height mm	3100	2632,-	2793,-	2847,-	2912,-	2999,-	3279,-	3472,-	3559,-
	2750	2297,-	2437,-	2480,-	2534,-	2610,-	2858,-	3019,-	3106,-
	2500	2265,-	2427,-	2470,-	2524,-	2610,-	2836,-	2912,-	3053,-
	2250	2006,-	2060,-	2167,-	2265,-	2383,-	2524,-	2664,-	2955,-
	2125	1920,-	1984,-	2103,-	2221,-	2351,-	2502,-	2642,-	2901,-
	2000	1876,-	1909,-	2039,-	2167,-	2319,-	2470,-	2620,-	2890,-
	Co-ordin.-sizes	2000	2400	2600	3000	3500	4000	4500	5000
		Width mm							

Golden Oak



Price table

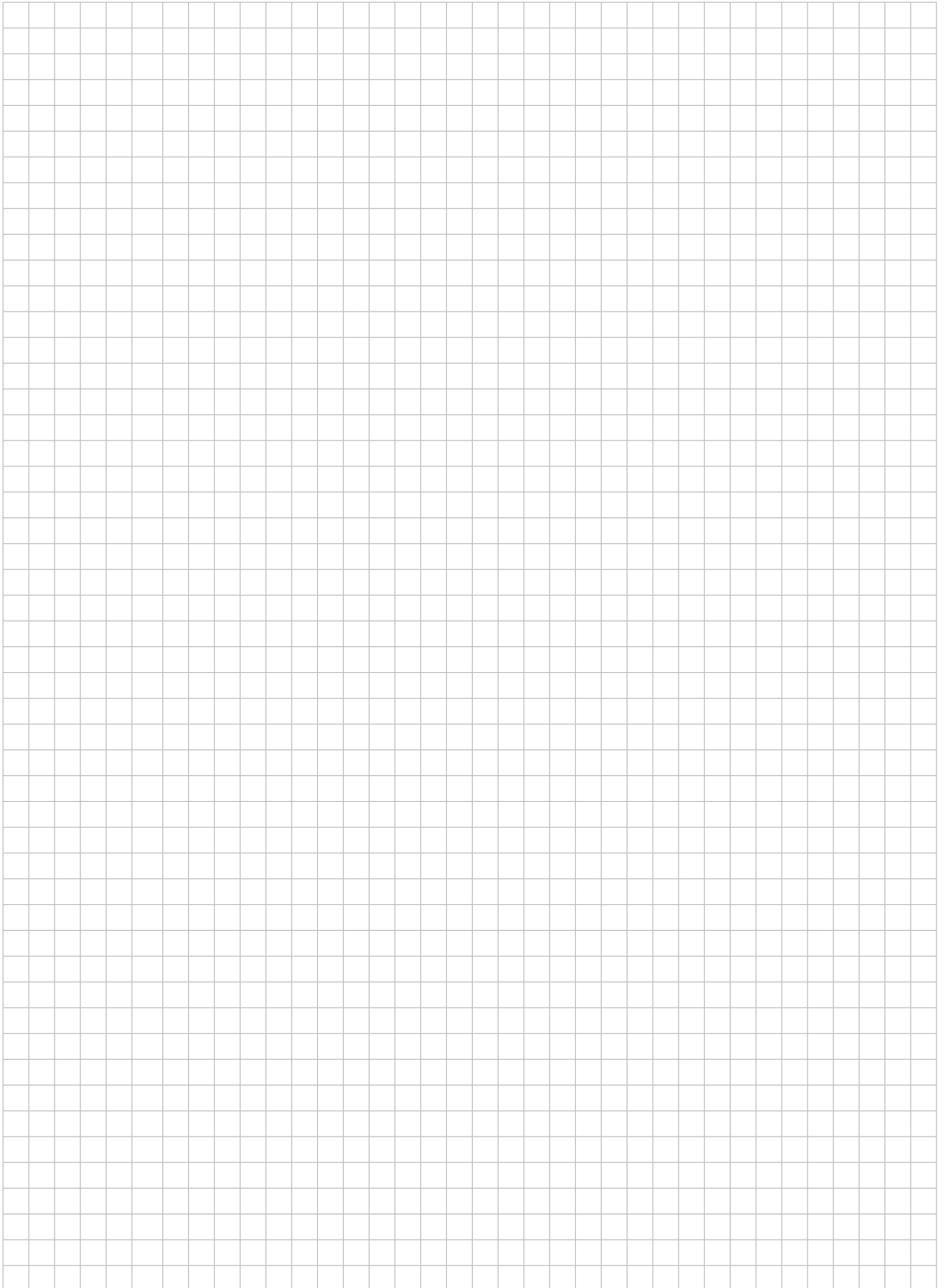
Golden oak

Height mm	3100	2933,-	3106,-	3160,-	3235,-	3322,-	3624,-	3839,-	3926,-
	2750	2567,-	2718,-	2761,-	2826,-	2901,-	3171,-	3343,-	3440,-
	2500	2534,-	2707,-	2750,-	2815,-	2901,-	3149,-	3235,-	3386,-
	2250	2254,-	2308,-	2427,-	2534,-	2664,-	2815,-	2966,-	3279,-
	2125	2157,-	2232,-	2362,-	2481,-	2621,-	2793,-	2944,-	3225,-
	2000	2114,-	2146,-	2286,-	2427,-	2588,-	2750,-	2912,-	3203,-
	Co-ordin.-sizes	2000	2400	2600	3000	3500	4000	4500	5000
		Width mm							

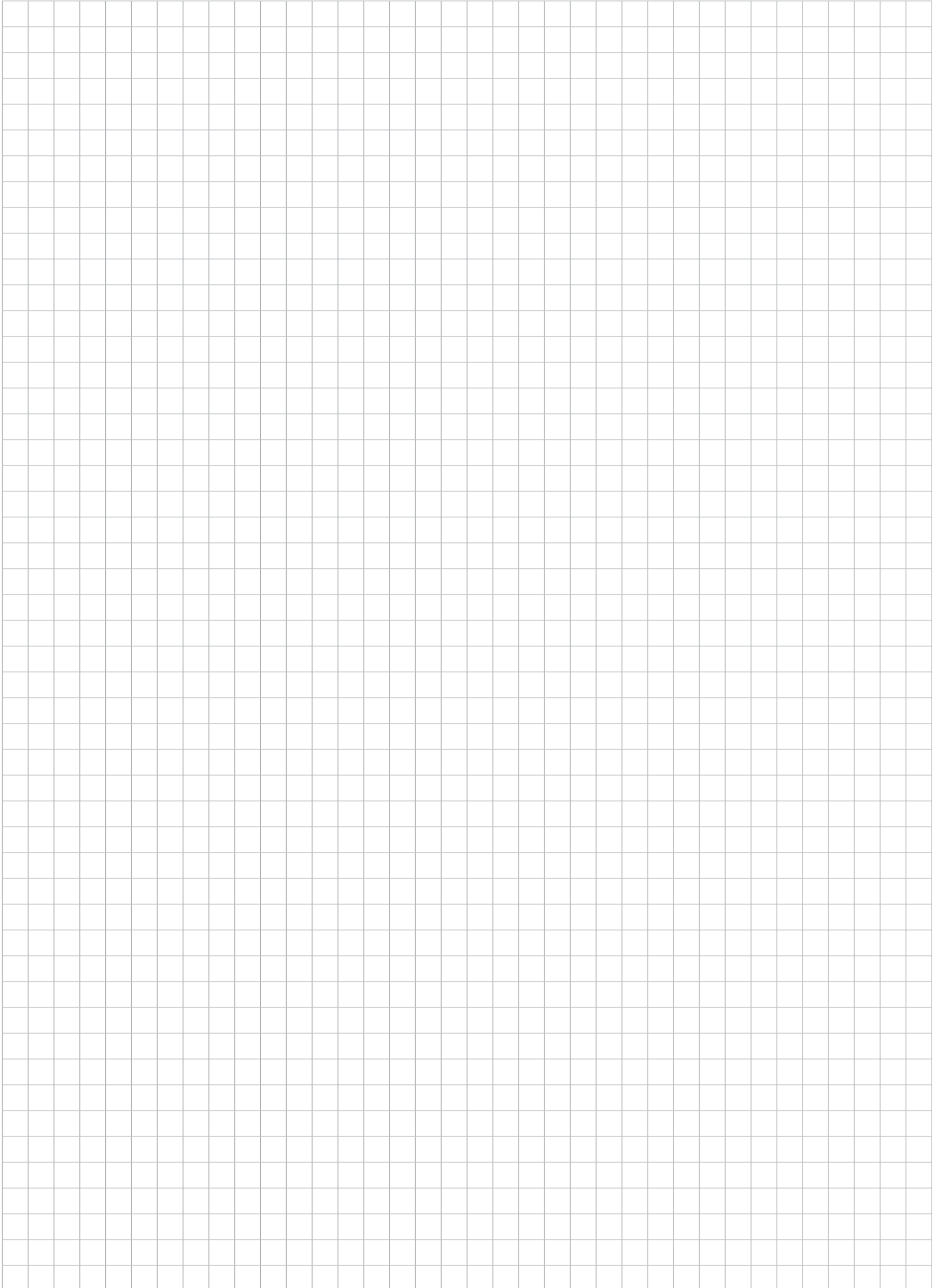
Min.height: 1700 mm
Min. width: 1700 mm

Options and accessories

Extra price preferred colours on lamellas (inside and outside)	€ 107,-
Extra price preferred colours on roller curtain and guiding rails (There will be a slight difference in colour as the painting process is different)	€ 207,-
Ventilation lamella (500mm) RAL 9016 (There will be a slight difference in colour as the painting process is different)	per m € 42,-
Carboglass-lamellas (There will be a slight difference in colour as the painting process is different)	€ 47,-
External locking kit (if the garage door does not open the door can be opened from the outside with a crank) Control box protected with a keylock. This can be installed afterwards.	€ 127,-

A large, empty grid of small squares, intended for taking notes. The grid consists of 20 columns and 30 rows of squares.

Notes



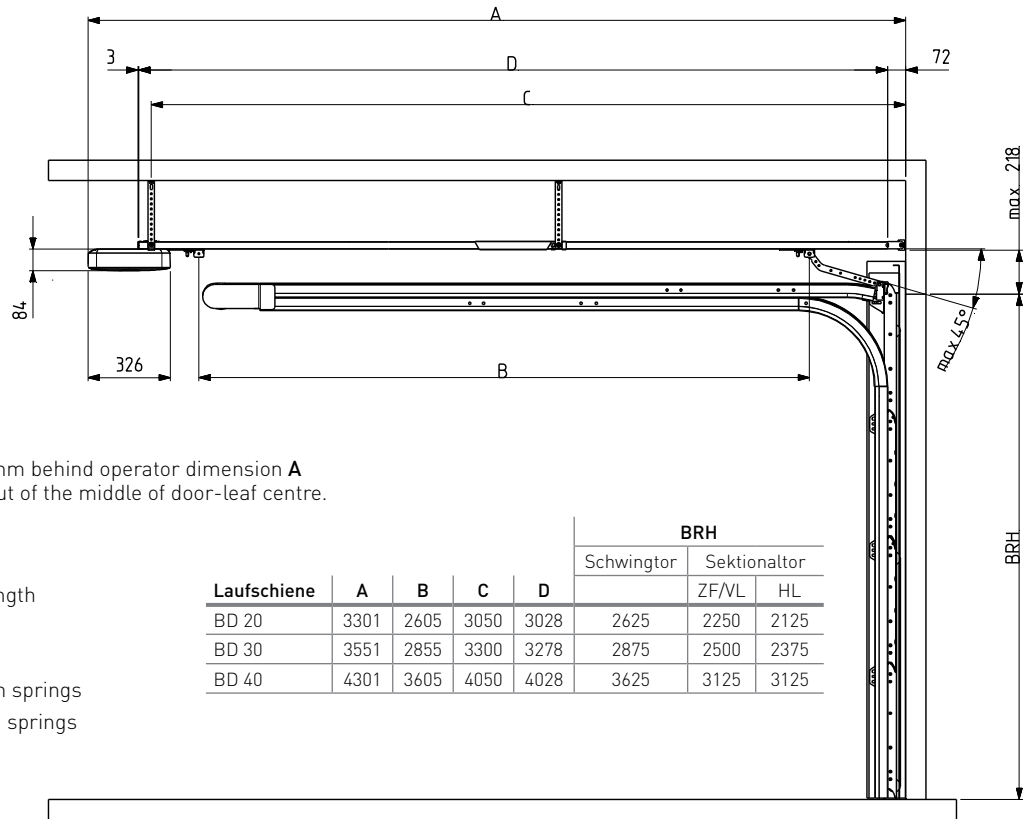
Programme overview

Chapter - Table of contents	
Installation data	140
Accessories NovoPort® Garage-door operators	148
Accessories Novoferm Automatic Up-and-over garage door system	148
Accessories Novomatic Garage-door operators	148
Accessories NovoGate Sliding-gate operator	148
Accessories NovoSwing Hinged-gate operator	148
Novomatic 423 complete set	141
 Suitable for sectional garage doors and up-and-over doors Novoferm K® and M® up to 10 m ² garage-door surface	
Novomatic 423 Accu complete set	142
 Suitable for sectional garage doors and up-and-over doors Novoferm K® and M® up to 8 m ² garage-door surface	
Novomatic 423	143
 Suitable for sectional garage doors and up-and-over doors Novoferm K® and M® up to 10 m ² garage-door surface	
Novomatic 563 S	144
 Suitable for sectional garage doors and up-and-over doors Novoferm K® and M® up to 15 m ² garage-door surface	
Novomatic 803 S	145
 Suitable for sectional garage doors and up-and-over doors Novoferm K® and M® up to 17 m ² garage-door surface Collective garages Side sectional doors	
NovoGate	146
 Suitable for sliding gates up to 400 kg door-weight	
NovoSwing	147
 Suitable for hinged gates up to 1800 mm door leaf width	

Novoferm Novomatic Garage-door operators

Installation dimensions

Installation dimensions Novomatic 423 & 563 S



Note:

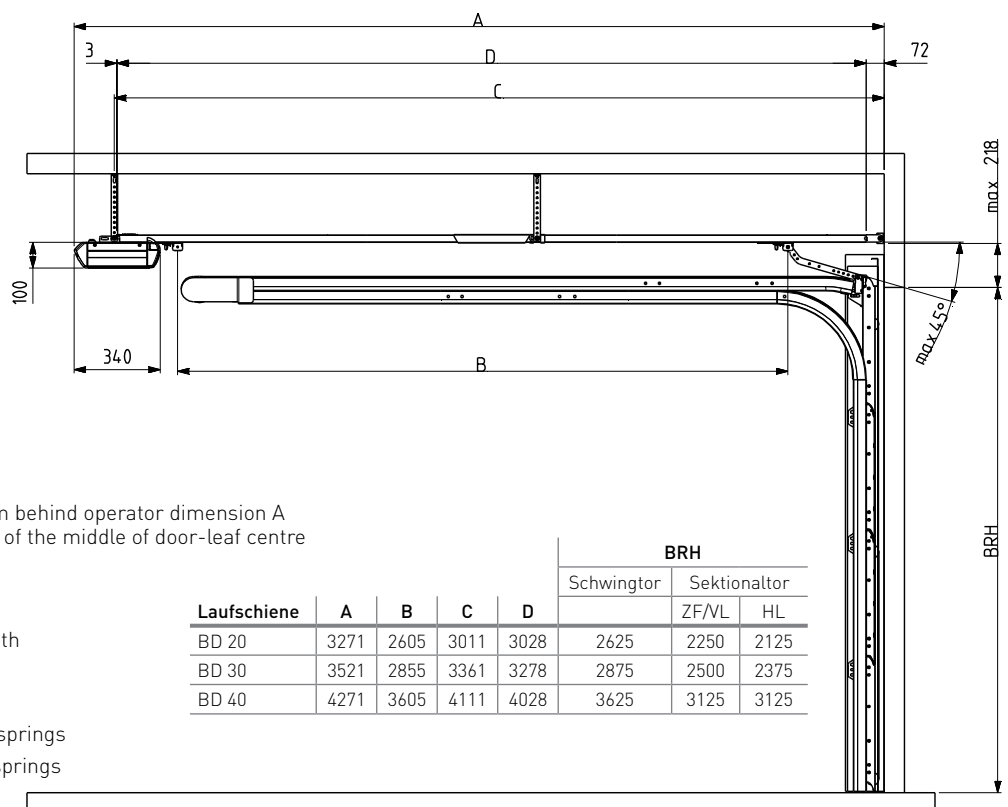
Mains socket approx. 150 mm behind operator dimension A and 300 mm right or left out of the middle of door-leaf centre.

Legend:

- A Total lengths
- B Max. track carriage length
- C Fixing point operator
- H Co-ordinating height
- VL Front-mounted Torsion springs
- HL Rear-mounted Torsion springs
- ZF Extension springs

Laufschiene	BRH						
	A	B	C	D	Schwinger	Sektionaltor	
					ZF/VL	HL	
BD 20	3301	2605	3050	3028	2625	2250	2125
BD 30	3551	2855	3300	3278	2875	2500	2375
BD 40	4301	3605	4050	4028	3625	3125	3125

Installation dimensions Novomatic 803 S



Note:

Mains socket approx. 150 mm behind operator dimension A and 300 mm right or left out of the middle of door-leaf centre.

Legend:

- A Total lengths
- B Max. track carriage length
- C Fixing point operator
- H Co-ordinating height
- VL Front-mounted Torsion springs
- HL Rear-mounted Torsion springs
- ZF Extension springs

Laufschiene	BRH						
	A	B	C	D	Schwinger	Sektionaltor	
					ZF/VL	HL	
BD 20	3271	2605	3011	3028	2625	2250	2125
BD 30	3521	2855	3361	3278	2875	2500	2375
BD 40	4271	3605	4111	4028	3625	3125	3125

Novomatic type 423

Complete set for single and double garages

Microprocessor-controlled garage-door operator, pre-assembled ready to plug in

Stand by consumption 0,5 W

Technical data

24 V DC-motor with closed worm gear unit, self-locking, connection 230 V alternating volage, 160 watt, operating voltage 0,8 A,

Push and pull 600 N, running speed 15 cm/sec. (Standard speed) with soft start and stop function, power on time: 2 min. short time operation, range of temperature from - 20 up to + 60°

Tested by TÜV in accordance with BGR 232

Protection: IP22

Control electronics

Menu-guided control with 7-segment display, end-switch due measuring of running distance with position control, automatic shutdown due self monitored 2 processor security technology adjustable

soft- start and stop function, shut down function for saving energy costs, stand by consumption 0,5 Watt, running time limiter, **Special features:** Ventilation position for aerating the garage

Automatic closing, hold open time adjustable from 10 sec. up to 4 minutes.

Optional via App "Tydom" useable

Hardware

Ready for plug in, Digital Keeloq-remote control, 433 MHz, with 2-channel hand transmitter (max. 30 codes programmable); Encoding on AES 128 Bit adjustable,

integrated LED-light, 1,6 Watt, bright time from 60 - 240 sec. with/without advance warning adjustable, connection possibility for external lightning or

warning light up to max. 500 W, quick unlocking inside, universal hardware for up-and-over doors and sectional-garage doors

Track

Galvanized C-profile with toothed belt and ball-bearing, pre assembled

Scope of delivery

Operator head Novomatic 423, 2-channel hand-transmitter Novotron 522 , Track BD (ZS) 20, 3-parted, 1 packing unit

Safety tests



as NF-Automatic up-and over garage-door system

Novomatic Garage-door operator 423 complete set



Operator type	suitable for	Art.-Nr.	complete €/piece
423 / BD (ZS) 20	Up and Over doors Novoferm K ® und M ® up to 2500 mm height Sectional doors Novoferm E ® / FM and ES up to 2250 mm height Sectional doors Novoferm E ® / RM up to 2000 mm height max. 10 m² garage-door surface Total lengths 3261 mm / Moving range 2520 mm	80800402	362,-

For ISO45 doors a telescopic console is necessary (Art.-Nr. 71240001)

€ 39,-

FM = front mounted Torsion springs (iso 45)
RM = rear mounted Torsion springs (iso 45)
ES = Extension springs (iso 20 / iso 45)

Novoferm Novomatic Typ 423 Accu

Completet set for garage doors up to 8 m²

Microprocessor-controlled garage-door operator, pre-assembled ready to plug in

Technical data

12 V DC-motor with closed worm gear unit, self-locking, Push-and pull 400 N, running speed 13 cm/sec. with soft start and stop function, : Short time operation, range of temperature from - 20 up to + 60°

Tested by TÜV in accordance with BGR 232

Protection: IP22

Accu

Nominal voltage 12 V DC, nominal capacity 15 Ah, Operating time approx. 40 days by max. 4 openings per day at 20 C°; Range of temperature from - 20 up to + 45°; Integrated charger for plug-in power supply

Control electronics

Menu-guided control with 7-segment display, end-switch due measuring of running distance with position control,

automatic shutdown due self monitored 2 processor security technology adjustable Soft start and stop function.

Power consumption 3 mA integrated Solar-charge controller for max. 25 V incoming voltage inkl. charge display

Hardware

Digitale KeeLoq-Remote control, 433 MHz,with 2-channel Hand-transmitter (**max. 10 codes programmeable**) integrated LED-Light 0,4 Watt,

Lightning time adjustable in 3 steps, 30, 60 or 90 sec Quick unlocking from inside

Universal-console for up-and-over garage doors and sectional garage doors

Track

Galvanized c-profile with toothed belt and ball-bearing, pre assembled Track BD 20, 3-parted

Scope of delivery

Operator head Novomatic 423 Accu
Track (BD) 20, 3-parted and pre assembled
Accu pack with handle and holder, Power supply, 2-channel hand-transmitter Novotron 522
1 packing unit



as NF-Automatic up-and over garage-door system

Novomatic garage-door operator 423 Accu complete set



Operator type	Suitable for	Art.-Nr.	complete €/piece
423 Accu / BD 20	Up and Over doors Novoferm K ® und M ® up to 2500 mm height Sectional doors Novoferm E ® / FM and ES up to 2250 mm height Sectional doors Novoferm E ® / RM up to 2000 mm height max. 8 m ² garage-door surface Total lengths 3261 mm / Moving range 2520 mm	80800403	499,-

For ISO45 doors a telescopic console is necessary (Art.-Nr. 71240001)

€ 39,-

FM = front mounted Torsion springs (iso 45)

RM = rear mounted Torsion springs (iso 45)

ES = Extension springs (iso 20 / iso 45)

Accu-version



	Art.-Nr.	Price €/
Accu-pack (replacement)	80800284	220,-



Solar module (optional)	80800285	239,-
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Novoferm Novomatic Typ 423

for single and double garages



Microprocessor-controlled garage-door operator, pre-assembled ready to plug in

Stand by consumption 0,5 W

Technical data

24 V DC-motor with closed worm gear unit, self-locking, connection 230 V alternating voltage, 160 watt, operating voltage 0,8 A,

push and pull 600 N, running speed 15 cm/sec. (Standard speed) with soft start and stop function, power on time: 2 min. short time operation, range of temperature from - 20 up to + 60°

Tested by TÜV in accordance with BGR 232

Protection: IP22

Control electronics

Menu-guided control with 7-segment display, end-switch due measuring of running distance with position control, automatic shutdown due self monitored 2 processor security technology adjustable

soft start and stop function, shut down function for saving energy costs, stand by consumption 0,5 Watt, running time limiter, **Special features:**
-Ventilation position for aerating the garage

-Automatic closing, hold open time adjustable from 10 sec. up to 4 minutes.

Optional via App "Tydom" useable

Hardware

Ready for plug in, Digital Keeloq-remote control, 433 MHz, with 2-channel hand transmitter (max. 30 codes programmable) Encoding

on AES 128 Bit adjustable, integrated LED-light, 1,6 Watt, bright time from 60 - 240 sec. with/without advance warning adjustable,

Connection possibility for external lightning or warning light up to max. 500 W, quick unclcking inside, universal hardware for up-and-over doors and sectional-garage doors

Track

Galvanized c-profile with toothed belt and ball-bearing, pre assembled

Scope of delivery

Operator head Novomatic 423, Track BD (ZS) 20, 2-parted (1 parted on request), pre assembled, 2-channel hand-transmitter Novotron 522 , 2 packing units

Safety tests



as NF-Automatic up-and over garage-door system

Novomatic garage-door operator 423



Operator type	Suitable for	Single price Art.-Nr.	complete €/piece
423 / BD (ZS) 20	Up and Over doors Novoferm K ® and M ® up to 2500 mm height, Sectional doors Novoferm E ® / FM and ES up to 2250 mm height, Sectional doors Novoferm E ® / RM up to 2125 mm height,max. 10 m² garage-door surface Total lengths 3301 mm / Moving range 2605 mm	Operator head Art-Nr. 80800401 268,-	362,-
		Track Art-Nr. 80800032 94,-	
423 / BD (ZS) 30	Up and Over doors Novoferm K ® and M ® up to 2750 mm height, Sectional doors Novoferm E ® / FM and ES up to 2500 mm height, Sectional doors Novoferm E ® / RM up to 2375 mm height,max. 10 m² garage-door surface Total lengths 3551 mm / Moving range 2855 mm	Operator head Art-Nr. 80800401 268,-	398,-
		Track Art-Nr. 80800033 130,-	

For ISO45 doors a telescopic console is necessary (Art.-Nr. 71240001)

€ 39,-

FM = front mounted Torsion springs (iso 45)
RM = rear mounted Torsion springs (iso 45)
ES = Extension springs (iso 20 / iso 45)

Novomatic type 563 S

complete set for single and double garages (with high speed function)

Microprocessor-controlled garage-door operator, ready to plug in

Stand by consumption 0,5 W

Technical data

24 V DC-motor with closed worm gear unit, self-locking, connection 230 V alternating voltage, 240 watt , stand by consumption 0,5 W

Operating voltage 1,25 A, maximum push and pull 800 N; Running speed max. 22 cm/sec (opening)
17 cm/sec. (closing)

Power on time 30 % ED
Temperature range from -20 till 60 °
Protection: IP22

Control electronics

Menu-guided control with 7-segment display, end-switch due measuring of running distance with position control, automatic shutdown due self monitored 2 processor security technology adjustable

soft start- and stop function, shut down function for saving energy costs, stand by consumption 0,5 Watt, running time limiter,
Special features:
Ventilation position for aerating the garage

Automatic closing, hold open time adjustable from 10 sec. up to 4 minutes.

Optional via App "Tydom" useable

Hardware

Ready for plug in, Digital Keeloq-remote control, 433 MHz, with 2-channel hand transmitter (max. 30 codes programmable) Encoding on AES 128 Bit adjustable, integrated LED-light,

1,6 Watt, bright time from 60 - 240 sec. with/ without advance warning adjustable, Connection possibility for external lightning or warning light up to max. 500 W, quick unlocking inside (with permanent unlocking function)

Universal console for up-and-over doors and sectional-garage doors

Track

Galvanized c-profile with toothed belt and ball-bearing

Scope of delivery

Operator head Novomatic 563S, Track, 2-parted (1 parted on request), pre assembled, 2-channel hand-transmitter Novotron 522 , 2 packing units

Safety tests



as NF-Automatic up-and over garage door system

Novomatic garage-door operator 563 S



Operator type	Suitable for	Singleprice Art.-Nr.	complete €/piece
563 S / BD (ZS) 20	Up and Over doors Novoferm K ® und M ® up to 2500 mm height, Sectional doors Novoferm E ® / FM and ES up to 2250 mm height, Sectional doors Novoferm E ® / RM up to 2125 mm height, max. 15 m² garage-door surface Total lengths 3301 mm / Moving range 2560 mm	Operator head Art-Nr. 80800404	382,-
		Track Art-Nr. 80800032	94,-
			476,-

For ISO45 doors a telescopic console is necessary (Art.-Nr. 71240001)

€ 39,-

FM = front mounted Torsion springs (iso 45)

RM = rear mounted Torsion springs (iso 45)

ES = Extension springs (iso 20 / iso 45)

Novomatic type 803 S



for collective garages and side-sectional doors (with high speed function)

(max. 50 parking places)

Microprocessor-controlled garage-door operator, ready to plug in

Stand by consumption 0,5 W

Technical data Track

24 V DC-motor with closed worm gear unit, self-locking, connection 230 V alternating voltage, 410 watt, operating current 2,0 A, maximum push and pull 1000 N

Running speed max. 22 cm/sec (opening) 17 cm/sec. (Closing)
Temperature range from -20 till 60 °
For dry rooms only

Galvanized c-profile with toothed belt (BD) or aluminium profile with guided roller chain

Control electronics Scope of delivery

Menu-guided control with 7-segment display, end-switch due measuring of running distance with position control, automatic shutdown due self monitored 2 processor security technology Soft start/soft stop with ramp function
Stand by consumption 4 Watt
Running time limiter, blockage protection, electronically monitored anti-opening security

Special features
-Ventilation position for aerating the garage
- Automatic closing, hold open time adjustable from 10 sec. to 4 min (manual and automatically reduction of hold open time selectable)
-Open/Close separate controllable
-Connection possibility for lamp control for single lane standard control (A800)

Operator head Novomatic 803 S, Track with toothed belt 2-parted (1-part on request) pre-assembled or aluminium profile with with guided roller chain, digital remote-control receiver 433 MHz (Hand-transmitter not included in scope of delivery) 2 packing units

Hardware Safety test

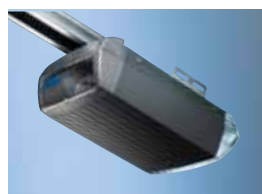
Ready for plug in, with connecting cable and Euro plug. Digital Keeloq-remote control, 433 MHz, suitable for Keeloq rolling code (for single garages max. 30 codes programmable) or multibit code (multi-car garages max. 1000 codes programmable) integrated LED-Light, 1,6 Watt, bright time from 60 - 240 sec., with/without advance warning adjustable connection possibility for external light or warning light up to

max. 500 Watt
Time-pulse relay "ELTako" for stairway light, potential free relay contact for status indication "door open" and "door closed"
Quick unlocking inside (permanent unlocking function)
Universal hardware for Up-and-Over doors and sectional-garage doors iso 20 integrated evaluation for 8,2 K Ohm and optical safety edge (OSE)



as NF-Automatic up-and over-garage door system

Novomatic garage-door operator 803 S



Operator type	Suitable for	Unit price Art.-Nr.	complete €/piece
803 S / BD (ZS) 20	Up and Over doors Novoferm K® und M® up to 2500 mm height, Sectional doors Novoferm E® /FM and ES up to 2250 mm height. Sectional doors Novoferm E® /RM up to 2125 mm height, max. 17 m² garage-door surface Total lengths 3301 mm / Moving range 2560 mm	Operator head Art-Nr. 80800016 434,-	528,-
		Track Art-Nr. 80800032 94,-	
803 S / BD (ZS) 30	Up and Over doors Novoferm K® und M® up to 2750 mm height, Sectional doors Novoferm E® /FM and ES up to 2500 mm height, Sectional doors Novoferm E® /RM up to 2375 mm height, max. 17 m² garage-door surface Total lengths 3551 mm / Moving range 2810 mm	Operator head Art-Nr. 80800016 434,-	564,-
		Track Art-Nr. 80800033 130,-	
803 S / BD (ZS) 40	Sectional doors Novoferm E® /FM and ES up to 3125 mm height, Sectional doors Novoferm E® /RM up to 3125 mm height max. 17 m² garage-door surface Total lengths 4301 mm / Moving range 3560 mm	Operator head Art-Nr. 80800016 434,-	621,-
		Track Art-Nr. 80800034 187,-	
803 S / ALS 3500	Side sectional doors up to 2700 mm width Up and over doors up to max. Height 2500 mm / 15 m² garage-door-surface, Sectional doors Novoferm E® up to 17 m² garage-door-surface Total lengths 4078 mm / Moving range 3410 mm	Operator head Art-Nr. 80800016 434,-	707,-
		Track Art-Nr. 80800043 273,-	
803 S / ALS 4500	Side sectional doors up to 3700 mm width Up and over doors up to max. 2750 mm / 15 m² garage-door-surface, Sectional doors Novoferm E® up to 17 m² garage-door-surface Total lengths 4743 mm / Moving range 4075 mm	Operator head Art-Nr. 80800016 434,-	765,-
		Track Art-Nr. 80800044 331,-	
803 S / ALS 5500	Side sectional doors up to 4700 mm width Sectional doors Novoferm E® up to 17 m² garage-door-surface Total lengths 5743 mm / Moving range 5075 mm	Operator head Art-Nr. 80800016 434,-	884,-
		Track Art-Nr. 80800045 450,-	
803 S / ALS 6500	Side sectional doors up to 5700 mm width Sectional doors Novoferm E® up to 17 m² garage-door-surface Total lengths 6743 mm / Moving range 6075 mm	Operator head Art-Nr. 80800016 434,-	900,-
		Track Art-Nr. 80800046 466,-	

For ISO45 doors a telescopic console is necessary (Art.-Nr. 71240001)

FM = front mounted Torsion springs (iso 45)
RM = rear mounted Torsion springs (iso 45)
ES = Extension springs (iso 20 / iso 45)

€ 39,-

Novoferm NovoGate

Sliding garage-door operator up to 6000 mm width

Microprocessor-controlled garage-door operator, ready to plug in

Stand by consumption 4 W

Technical data

24 V DC-motor with closed worm gear unit, self-locking, connection 230 V alternating voltage, 280 watt

Operating voltage 1,25 A, Maximum push and pull 550 N; Running speed max. 17/9 cm/sec (opening) Soft start/soft stop, Short time operation of 2 min.

Temperature range from -20 till 60 ° max. gate weight: 400 kg, Protection: IP 35

Control electronics

Menu-guided control with 7-segment display, end-switch due measuring of running distance with position control,

automatic shutdown due self monitored 2 processor security technology, power saving function, Power consumption

Running time limiter, blockage protection, electronically monitored anti- opening security

Hardware

Ready for plug in, Digital Keeloq-remote control, 433 MHz, with 2-channel hand transmitter ,

max. 10 codes programmable, 230 V-output for warning light, potential-free relaise-cont-act for status signal "open" and "close",

partial opening of 1 m can be operated via Hand-transmitter, quick release on motor housing

Track

Toothed belt with tensioning device, protected in alu-profile for max. width of 6.000 mm

Scope of delivery

Motor agregate NovoGate, Hand-transmitter Mini-Novotron 502, Track with tooth belt up to max. 6000 mm width, Profile for sealing of main closing edge , 2.000 mm long

Safety tests



NovoGate



Operator type	suitable for	Art.-Nr.	Complete €/piece
NovoGate	Sliding gates up to 4000 mm door-leaf width (max. weight of the door leaf: 400 kg)	80800015	767,-
NovoGate	Sliding gates up to 6000 mm door-leaf width (max. weight of the door leaf: 400 kg)	80800013	834,-

Novoferm NovoSwing



Complete set for hinged gate up to 1800 mm door-leaf width

Microprocessor-controlled hinged-door operator

Stand by consumption 4 W

Technical data

Electromechanical hinge door operator 24V, with closed worm gear unit, self-locking
Anschlussspannung: 230 V +-10% /50 Hz
Leistungsaufnahme 250 W
Zug- und Druckkraft 1500 N

Opening-/closing time for 90°: 19 sec./
Soft-start and soft-stop adjustable
Power on time: 30 % ED
Temperature range from - 20 bis + 60°
Door-weight per leaf max 200 Kg
Protection: IP 54

Max. leaf-lengths: 1800 mm
Min. leaf-lengths: 800 mm
Door-leaf surface 50% wind permeable
HUB: 350 mm
TÜV-tested according to DIN EN 13241-1
CE-mark

Control electronics

Menu-guided control with 7-segment display, electronic distance detection (without limit switch), integrated force monitoring with obstacle detection, power consumption standby 4 Watt,

running time limiter, blockage protection, electronically monitored anti-opening security. Special feature: automatic closing from 10 sec up to 4 min adjustable

(adjustable reduction of the hold open time)

Hardware

Digital Keeloq-remote control, 433 MHz, with 2-channel hand transmitter, **max. 10 Codes programmable**

230 V-output for warning light, potential-free relaise-contact for status signal "open" and "close",

acting leaf control programmable, emergency unlocking at the operator box., automatic closing

Scope of delivery

- 2 x electromech.hinge door operators NovoSwing
- Control NovoSwing
- Receiver 433 MHz
- Hand-transmitter Mini Novotron 502
- 1 packing unit

Safety tests

TÜV-tested accor. to DIN EN 13241-1






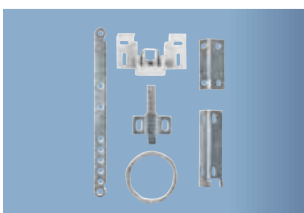
NovoSwing complete set






Operator type	Suitable for	Art.-Nr.	Complete €/piece
NovoSwing	Hinged doors up to 1800 mm door-leaf width (max. door-weight per leaf: 200 kg)	80800164	936,-

Novoferm garage-door operators

Accessories









Hardware				
		Suitable for	Art.-Nr.	€/piece
	Telescopic console for iso 45 (for all Novoferm E®) (not necessary for wooden sectional doors or ISO 20) also suitable for operators from other manufactures	Novomatic	71240001	39,-
	Special console S (for all Novoferm E® with pass-door co-ord. height 1875 - 2425 mm)	Novomatic	71240003	22,-
	Extra 105/LS 2700 universal push-rod-extension	Novomatic	80800052	83,-
	Extra 203 centered bolting set for all up-and-over doors Novoferm K® und M®	Novomatic	80800056	35,-

Emergency unlocking				
		Suitable for	Art.-Nr.	€/piece
	Emergency unlocking Extra 315 , security PC profile-halfcylinder for sectional doors Novoferm E® length 40,5 mm; 30,5/10 ø 40 mm incl. 2 keys	NovoPort® Novomatic	80800057	36,-
	Extra 304 Emergency unlocking sectional doors Novoferm E® with lock and handle bowden cable: 4500 mm	NovoPort® Novomatic	80800053	33,-
	Extra 312 Emergency unlocking for alle up-and-over doors Novoferm K® und M®	Novomatic	80800055	20,-

Novoferm garage-door operators



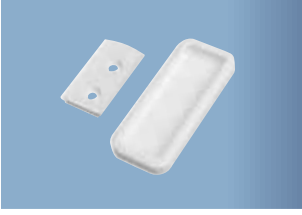




Accessories

Hand-transmitter				
		Suitable for	Art.-Nr.	€/piece
	Mini-Novotron 522 Hand-transmitter 2-Channel, 433 MHz, KeeLoq & AES 128-Rolling code	NovoPort® Novomatic NovoRol Trafimatic Plus NovoGate/NovoSwing (only mit KeeLoq)	80800405	59,-
	Mini-Novotron 522 Design Hand-transmitter 2-Channel, 433 MHz, KeeLoq & AES 128-Rolling code	NovoPort® Novomatic NovoRol Trafimatic Plus NovoGate/NovoSwing (only mit KeeLoq)	80800406	64,-
	Mini-Novotron 524 Hand-transmitter 4-Channel, 433 MHz, KeeLoq & AES 128-Rolling code	NovoPort® Novomatic NovoRol Trafimatic Plus NovoGate/NovoSwing (only mit KeeLoq)	80800407	70,-
	Mini-Novotron 524 Design Hand-transmitter 4-Channel, 433 MHz, KeeLoq & AES 128-Rolling code	NovoPort® Novomatic NovoRol Trafimatic Plus NovoGate/NovoSwing (only mit KeeLoq)	80800408	75,-
	Mini-Novotron 502 Hand-transmitter 2-Channel, 433 MHz, KeeLoq-Rolling code	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800075	59,-
	Mini-Novotron 504 Hand-transmitter 4-Channel, 433 MHz, KeeLoq-Rolling code	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800076	70,-
	Micro-Novotron 512 Hand-transmitter 2-Channel, 433 MHz, KeeLoq-Rolling code	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800077	59,-
	Micro-Novotron 512 Design Hand-transmitter 2-Channel, 433 MHz, KeeLoq-Rolling code	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800157	75,-

Novoferm garage-door operators

Accessories

Hand-transmitter				
		Suitable for	Art.-Nr.	€/piece
	Wall holder with sun visor clip for Mini-Novotron 502/504	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800078	7,-
	Wall holder with sun visor clip for Micro Novotron 512 und Micro Novotron 512 Design	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800104	7,-
	Wall holder/Silicon case for Mini Novotron 522 / 522 Design und Mini Novotron 524 / 524 Design	NovoPort® Novomatic NovoGate/NovoSwing	80800414	7,-
	Mini-Novotron 401 Hand-transmitter 1-Channel, 433 MHz, Multibit (for 803 in multi-car garages)	NovoPort® Novomatic NovoGate/NovoSwing	80800073	51,-
	Mini-Novotron 404 Hand-transmitter 4-Channel, 433 MHz, Multibit (for 803 in multi-car garages)	NovoPort® Novomatic NovoGate/NovoSwing	80800074	70,-

Novoferm garage-door operators



Accessories

Receivers/Antennas				
		Suitable for	Art.-Nr.	€/piece
	Receiver module for NovoPort®/Novomatic	NovoPort® Novomatic NovoGate/NovoSwing	80800090	64,-
	Novotron 171 Receiver 1-Channel, 230 V, 433 MHz 99 codes 1 x potential free release Impulse- or time control: 1 second - 18 hours.	NovoPort® Novomatic NovoGate/NovoSwing	80800091	186,-
	Novotron 172 Receiver 2-Channel, 230 V, 433 MHz 99 codes 1 x potential free release 1 x potential free closer Impulse- or time control: 1 second - 18 hours.	NovoPort® Novomatic NovoGate/NovoSwing	80800165	230,-
	Novotron E433-U Receiver 1-channel, 12 - 24 V, 433MHZ, Keeloq-Rolling code Impulse time : 1 sec. - 18 hours 1 x potential free closer	NovoPort® Novomatic NovoGate/NovoSwing	80800088	129,-
	Novotron E433-ST Receiver 1-channel receiver with relais output, 230 V (for the conversion of third-party operators to Novoferm Keeloq)		80800087	202,-
	Novotron 181 Antenna Koax, 5 m cable	NovoPort® Novomatic NovoGate/NovoSwing	80800093	51,-
	Novotron 182 Antenna Bar antenna, 6,5 m cable	NovoPort® Novomatic NovoGate/NovoSwing	80800094	209,-

Novoferm garage-door operators




Accessories





Switches				
		suitable for	Art.-Nr.	€/Piece
	Signal 107 Wall switch 1-channel, inkl. 7 m cable	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800111	13,-
	Signal 111 Radio wall switch 2-channel	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800410 weiß	50,-
	Signal 112 Wall switch with start/permanent light, On- /Off- and holiday-switch (operator doesn't receive any more radio signal) (2-wire cable on site)	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800411 weiß	64,-
	Signal 312 Key switch flush mounted, single-switch pulse, incl. cylinder 40,5 mm long (30,5/10 mm), lever 180°, with 3 keys	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800112	38,-
	Signal 313 Key switch flush mounted, double-switch pulse, incl. cylinder 40,5 mm long (30,5/10 mm), Lever 180° with 3 keys	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800122	41,-
	Signal 412 Key switch flush mounted, single-switch pulse, incl. cylinder 40,5 mm long (30,5/10 mm), lever 180° with 3 keys	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800113	38,-
	Signal 413 Key switch surface mounted, double-switch pulse, incl. cylinder 40,5 mm long (30,5/10 mm), lever 180°, with 3 keys	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800121	41,-
	Extra 702 Pull switch with fixing material (2-wire cable on site)	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800117	80,-

Novoferm garage-door operators



Accessories

Switches				
		Suitable for	Art.-Nr.	€/piece
	Signal 213 Code key pad with metal key pad, surface mounted 230 V-connection (3 doors)	NovoPort® Novomatic NovoGate/NovoSwing	80800115	221,-
	Signal 216, Code key pad with metal key pad, surface mounted 24 V-connection (3 doors)	NovoPort® Novomatic NovoGate/NovoSwing	80800114	168,-
	Signal 218 Code key pad stainless steel panel with backlight Surface mounted (10 doors) 74 x 85 x 18 mm	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800409 white 80800422 black	120,-

Safety equipment				
		Suitable for	Art.-Nr.	€/piece
	Traffic-light control/ Single-lane control incl. 2 LED signal lamps red incl. 2 LED signal lamps green A 800	Novomatic 803S	80800140	708,-
	Signal lamp LED red 24 V AC/DC oder 230 V permanent light or flashing light	Novomatic 803S	80800141	87,-
	Signal lamp LED green 24 V AC/DC or 230 V permanent light or flashing light	Novomatic 803S	80800142	87,-
	Signal lamp Extra 501 24 V, red	NovoPort	80800424	80,-

Novoferm garage-door operators

Accessories

Safety options				
		Suitable for	Art.-Nr.	€/piece
	Extra 625 Back light barrier 12-24 V DC, IP 54	NovoPort® Novomatic NovoGate/NovoSwing NovoRol	80800139	111,-
	Extra 626 Back light barrier 20-28V, 2-wire, IP 50 can be mounted in the frame	NovoPort® Novomatic	80800105	62,-
	Extra 628 Reflection light barrier 24-230 V AC/DC, IP 65 (only usable as pulse generator)	NovoPort® Novomatic NovoGate/NovoSwing	80800158	133,-
	Extra 412 Pass door contact for Up-and-over garage doors Novoferm K® und M® (additional cables on site)	Novomatic	80800145	47,-
	Extra 704 Closing edge-safety device optosensor	NovoPort® Novomatic	80800146	167,-
	Steel profile for bottom door profile up-and-over garage doors Novoferm K® und M® (please state door-width when ordering)	Novomatic	80801999	12,- per mm.
	Bottom door profile for up-and-over garage doors Novoferm K® und M® (please state door-width when ordering)	Novomatic	80600061	12,- per mm.

Novoferm garage-door operators



Accessories

Fingerprint-scanner				
		Suitable for	Art.-Nr.	€/piece
	Signal 601 UP Fingerprint-Scanner 150 fingerprints redeemable for 1 door	NovoPort® Novomatic NovoGate/NovoSwing NovoRol Trafimatic Plus	80800159	615,-
Additional hardware				
		Suitable for	Art.-Nr.	€/piece
	Accu - package for Novomatic 413- Accu-version nominal voltage: 12 V DC nominal capacity: 15 Ah operating time approx.. 40 days in case of 4 openings per day and a temperature of 20° C 5,2 kg	Novomatic 423 Accu	80800284	220,-
	Solar module for Novomatic 413 accu-version power Pmax: 10Wp off load voltage: 21.5V voltage Pmax: 0,5A dimension: 370 x 310 mm 4,1 kg	Novomatic 423 Accu	80800285	239,-
	Extension set NovoPort III for iso 45 higher as co-ordin.height 3000 mm, 4m lengths, smooth cable	NovoPort®	80805034	30,-
smartHome components				
		Requirement/suitable for	Art.-Nr.	€/Piece
	Delta Dore-Set existing of gateway and mobility radio control (Light barrier required)	NovoPort® Novomatic 423 Novomatic 563S	80800426	257,-
	Delta Dore-Radio-module to control additional operator over the app	NovoPort® Novomatic 423 Novomatic 563S	80800425	118,-

Proper use of garage-doors / Terms of warranty

Proper use of garage-doors

Garage doors are made for private use in residential houses. Their use is to ensure a safe access for goods and vehicles in the living area. Although garage doors are tested according to national and international standards and are being built according to the state of the technological art, they can pose a threat.

An inappropriate use can be assumed under the following conditions:

- If the garage doors are not used properly
- Usage without paying attention of the minimum protection level according to EN12453
- Inadequate maintenance, especially by an incompetent person
- If additional force pushes on the door-leaf which makes manual operation impossible (open the door-leaf only without load; opening and closing should not be counter acting.)
- Using wrong operators or tracks
- Adding parts or components to the door, the lock system or the operator, which are not part of the recommended package
- Modifications, which have effect on the original scope of delivery.
- Modifications to the door or it's components.
- Ignorance of the assembly, operating and maintenance instructions, the respective country-specific standards and guidelines as well as applicable safety regulations.
- If the door is not in perfect condition, also from safety side.
- Door-elements, operators and hand-transmitters are no toys for children.

The door-element is not suitable for the use of persons (even of children) with limited mental, physical or sensory abilities, lack of knowledge or lack of experience.

A door element is not suitable for use as a load-bearing component. The installation must be vertical or horizontal, according to the design. The tracks must be aligned vertically or according to the mounting instructions.

Terms of warranty

Sectional doors

5 resp. 10-year manufacturer's guarantee on sectional doors In addition to the warranty based on our conditions of sale and delivery, we guarantee the aforementioned sectional doors for 10 years subject to no more than 50.000 cycles of operation. We grant a manufacturer's guarantee on wearing parts, such as locks, hinges, springs, bearings, rails, rope pulls and associated ropes subject to normal load exposure or not more than 25.000 cycles of operation. We grant a manufacturer's guarantee of 10 years against the sections rusting from the inside out, on the separation of steel from foam and on all for, intermediate, side and headers seals. In the case of doors with extension springs, the multiple spring sets and double steel ropes must be replaced after approx. 25.000 cycles, while the 35R/35L torsion springs must be completely replaced on doors with torsion spring (see installation instructions). If material or manufacturing faults have demonstrably rendered the doors or parts of them unfit for use or have considerably impaired their usability, we shall, at our own discretion, repair or replace them free of charge. No liability is accepted for damages caused by faulty or improper installation, commissioning or operation, failure to perform the specified maintenance, exposure to undue loads or any unauthorized changes to the structure of the door. Original spare parts only must be used when adding to, or modifying the doors or when replacing parts in the course of maintenance or repair works. The same applies to any damage caused during transportation, by force majeure, foreign objects, natural wear and tear, or atmospheric influences. The warranty also lapses in the event of failure to observe our installation and operating instructions. No liability is accepted if functional parts are modified or repaired without authorization or additional filling weight is added which is not compensated by the prescribed torsion springs.

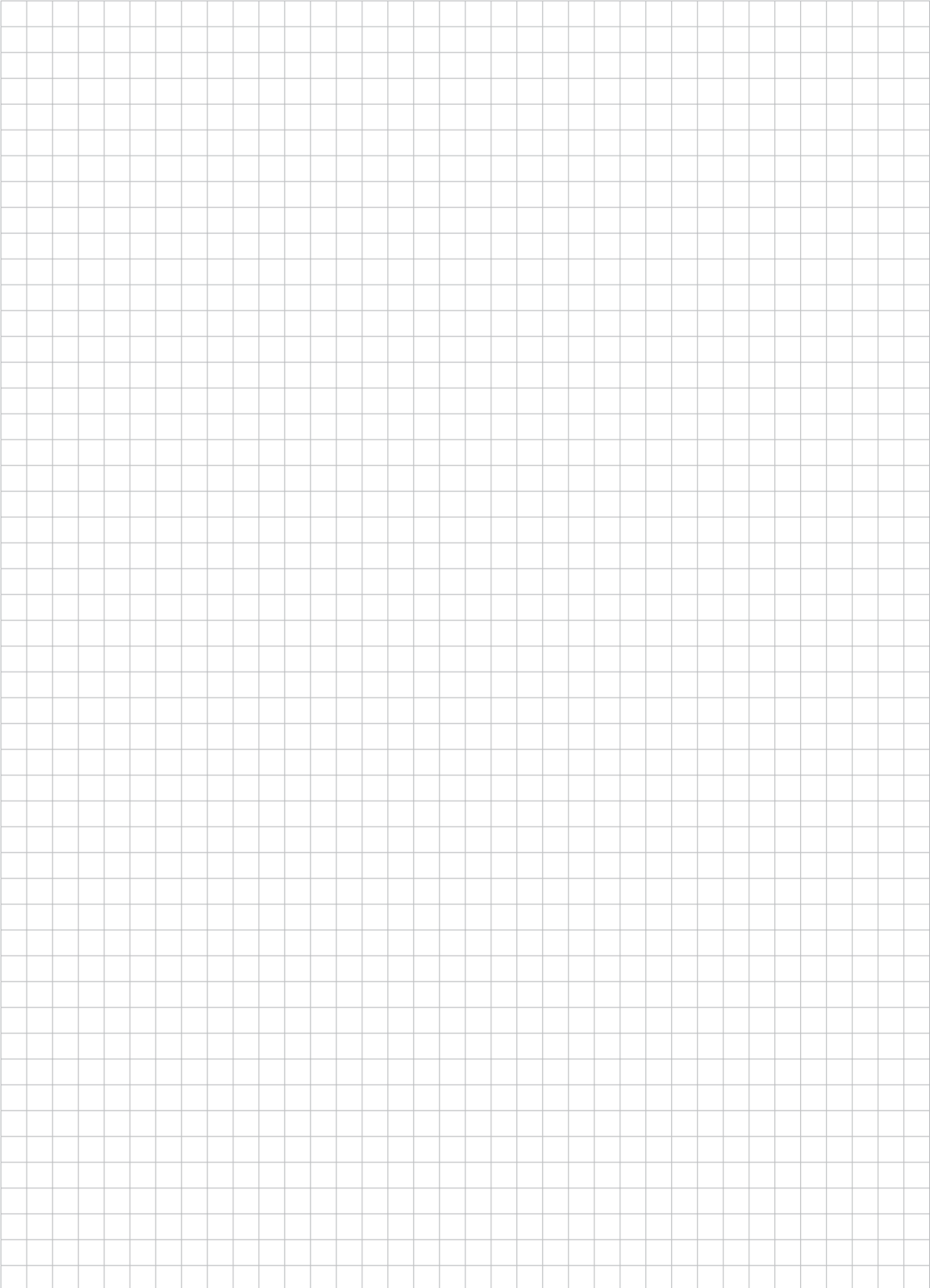
The surface warranty for all door leaves with final coating in original colour that are installed in Germany extends to the adhesion of the colour and/or foil, corrosion protection, and fade resistance. Slight changes in colour that can occur over time are excluded from the warranty. Doors and door surfaces in coastal areas are subject to aggressive climate influences and require appropriate additional protection. Any and all flaws or defects arising as a result of damage to the product, such as abrasion, mechanical or wilful damage, soiling and improper cleaning, are excluded from this warranty. In the case of base coated doors, the top coat must be applied on site within three months from the date of delivery. Small surface flaws, minor corrosion, dust inclusions or surface scratches on base coated doors do not constitute grounds for complaint since they will disappear once the surface is sanded and the top coat applied. Exposure to direct sunlight may cause doors with a width of about 3 metres or more or with a dark paint or foil surface to bend, and functionality may be impaired. Our products are subject to technical alterations in the course of product modifications, changes in colours or materials, or improvements to production processes, which may alter their appearance; such alterations are deemed conditionally acceptable when replacing parts under warranty. Any faults must be communicated to us in writing immediately, and the parts concerned must be sent to us upon request. We will not bear any costs of removal, installation, freight or postage. In the event that a complaint ultimately proves to be unjustified, we reserve the right to charge the costs incurred. This guarantee is only valid together with the signed invoice and starts on the day of delivery.

Up-and-over doors

10 year manufacturer's guarantee

Beside the guarantee based on our Terms of Sale and Delivery, we give a 10 year manufacturer's guarantee for a maximum of 50,000 duty cycles on the up-and-over mentioned above. Should these, or any part thereof, prove unusable due to material or production faults, or should such faults seriously impair their use, we will, at our discretion, repair it or replace it. For damages caused by improper installation and mounting, incorrectly putting into operation, operation and maintenance not according to instructions, improper use, no liability will be accepted. The same applies to damages caused by transport, force majeure, external influences or natural wear and tear as well as by unusual atmosphere conditions. This applies particularly to the priming and wood surfaces. The final colour treatment at the customer must be carried out within 4 weeks of delivery for wood fillings with a wood moisture content of 20% max., for steel fillings within 3 months of delivery. After unauthorized changes or repairs to functional parts, or after application of additional filling weight that the specified multiple spring assemblies can no longer counterbalance, no guarantee can be accepted. Faults are to be reported to us immediately in writing; the defective parts are to be returned to us on request. The costs for dismantling, mounting, freight and postage will not be covered by us. Should a complaint prove unjustified, the customer who placed the order shall pay our costs. This guarantee is valid only in conjunction with the acknowledged invoice and commences on the day of delivery.

Notes



Sectional panels type ISO 20/ISO 45



Co-ordin.height	Bottom panel	Lock panel	Intermediate 1	Intermediate 2	Intermediate 3	Top panel
1750	450	450	450			450
1775	450	450	450			450
1800	450	450	450			450
1825	450	450	450			450
1850	500	450	450			450
1875	500	450	450			450
1900	500	500	450			450
1925	500	500	450			450
1950	500	500	500			450
1975	500	500	500			450
2000	500	500	500			500
2025	500	500	500			500
2050	525	525	500			500
2075	525	525	500			500
2100	525	525	525			525
2125	525	525	525			525
2150	450	450	450	450		350
2175	450	450	450	450		375
2200	450	450	450	450		400
2225	450	450	450	450		425
2250	450	450	450	450		450
2275	450	450	450	450		450
2300	500	450	450	450		450
2325	500	450	450	450		450
2350	500	500	450	450		450
2375	500	500	450	450		450
2400	500	500	500	450		450
2425	500	500	500	450		450
2450	500	500	500	500		450
2475	500	500	500	500		450
2500	500	500	500	500		500
2525	500	500	500	500		500
2550	525	525	500	500		500
2575	525	525	500	500		500
2600	525	525	525	525		500
2625	525	525	525	525		525
2650	525	525	525	525		525
2675	450	450	450	450	450	450
2700	450	450	450	450	450	450
2725	450	450	450	450	450	450
2750	500	450	450	450	450	450
2775	500	450	450	450	450	450
2800	500	500	450	450	450	450
2825	500	500	450	450	450	450
2850	500	500	500	450	450	450
2875	500	500	500	450	450	450
2900	500	500	500	500	450	450
2925	500	500	500	500	450	450
2950	500	500	500	500	500	450
2975	500	500	500	500	500	450
3000	500	500	500	500	500	500
3025	500	500	500	500	500	500
3050	525	525	500	500	500	500
3075	525	525	500	500	500	500
3100	525	525	525	525	500	500
3125	525	525	525	525	500	500

ISO 20

ISO 45

Replacement panels

Replacement panels

Panel prices type iso 20



iso20						
Horizontal rib, woodgrain					RAL 9016	
Co-ord. width	up to 2250	up to 2375	up to 2500	up to 2625	up to 2750	up to 3000
Height 450	390,-	403,-	416,-	442,-	442,-	469,-
Height 500	398,-	412,-	426,-	453,-	453,-	480,-
Height 525	424,-	439,-	454,-	483,-	483,-	513,-

Large rib, woodgrain					RAL 9016	
Co-ord. width	up to 2250	up to 2375	up to 2500	up to 2625	up to 2750	up to 3000
Height 450	390,-	403,-	416,-	442,-	442,-	469,-
Height 500	398,-	412,-	426,-	453,-	453,-	480,-
Height 525	424,-	439,-	454,-	483,-	483,-	513,-

Flush, smooth					RAL 9016	
Co-ord. width	up to 2250	up to 2375	up to 2500	up to 2625	up to 2750	up to 3000
Height 450	408,-	421,-	434,-	476,-	476,-	502,-
Height 500	427,-	441,-	455,-	499,-	499,-	527,-
Height 525	442,-	457,-	471,-	518,-	518,-	547,-

Raised panel, woodgrain					RAL 9016	
Co-ord. width	up to 2250	up to 2375	up to 2500	up to 2625	up to 2750	up to 3000
Height 450	386,-	391,-	404,-	456,-	456,-	468,-
Height 500	394,-	400,-	412,-	466,-	466,-	478,-
Height 525	418,-	424,-	438,-	495,-	495,-	509,-

Super color
RAL of choice

€ 28,- per m²
€ 49,- per m²

Replacement panels



Panel prices type iso 45 (sectional doors without pass door)

iso45

	Horizontal rib / Large rib		woodgrain			Bottom panel incl. alu profile		
Co-ord. width	<= 2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000	5001-5500	
Height 450	759,-	824,-	904,-	974,-	1048,-	1129,-	1217,-	
Height 500	769,-	836,-	917,-	988,-	1066,-	1153,-	1236,-	
Height 525	789,-	861,-	945,-	1020,-	1101,-	1187,-	1279,-	

	Horizontal rib / Large rib		woodgrain			Top-, intermediate- & lock panel		
Co-ord. width	<= 2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000	5001-5500	
Height 450	726,-	785,-	861,-	936,-	995,-	1070,-	1146,-	
Height 500	736,-	797,-	874,-	950,-	1013,-	1094,-	1165,-	
Height 525	756,-	822,-	902,-	982,-	1048,-	1128,-	1208,-	

	Large rib / Flush		smooth			Bottom panel incl. alu profile		
Co-ord. width	<= 2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000	5001-5500	
Height 450	785,-	855,-	939,-	1015,-	1096,-	1181,-	1273,-	
Height 500	803,-	876,-	964,-	1042,-	1125,-	1214,-	1311,-	
Height 525	823,-	899,-	988,-	1073,-	1160,-	1253,-	1356,-	

	Large rib / Flush		smooth			Top-, intermediate- & lock panel		
Co-ord. width	<= 2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000	5001-5500	
Height 450	752,-	816,-	896,-	977,-	1043,-	1122,-	1202,-	
Height 500	770,-	837,-	921,-	1004,-	1072,-	1155,-	1240,-	
Height 525	789,-	860,-	945,-	1035,-	1107,-	1194,-	1285,-	

	Large rib / Flush / Raised panel		timber foil surfaces & microline			Bottom panel incl. alu profile		
Co-ord. width	<= 2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000	5001-5500	
Height 450	904,-	1013,-	1121,-	1219,-	1337,-	1432,-	1548,-	
Height 500	951,-	1068,-	1185,-	1293,-	1420,-	1524,-	1648,-	
Height 525	964,-	1084,-	1204,-	1314,-	1444,-	1550,-	1677,-	

	Large rib / Flush / Raised panel		timber foil surfaces & microline			Top-, intermediate- & lock panel		
Co-ord. width	<= 2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000	5001-5500	
Height 450	870,-	974,-	1077,-	1181,-	1284,-	1373,-	1477,-	
Height 500	918,-	1029,-	1110,-	1255,-	1367,-	1465,-	1577,-	
Height 525	931,-	1045,-	1160,-	1276,-	1391,-	1490,-	1606,-	

Replacement panels



Panel prices type iso 45 (sectional doors without pass door)

iso45

	Flush / Raised panel		woodgrain			Bottom panel incl. alu profile		
Co-ordin.width	<= 2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000	5001-5500	
Höhe 450	759,-	824,-	904,-	974,-	1048,-	1129,-	1217,-	
Höhe 500	769,-	835,-	916,-	987,-	1063,-	1146,-	1234,-	
Höhe 525	789,-	861,-	945,-	1020,-	1101,-	1187,-	1279,-	

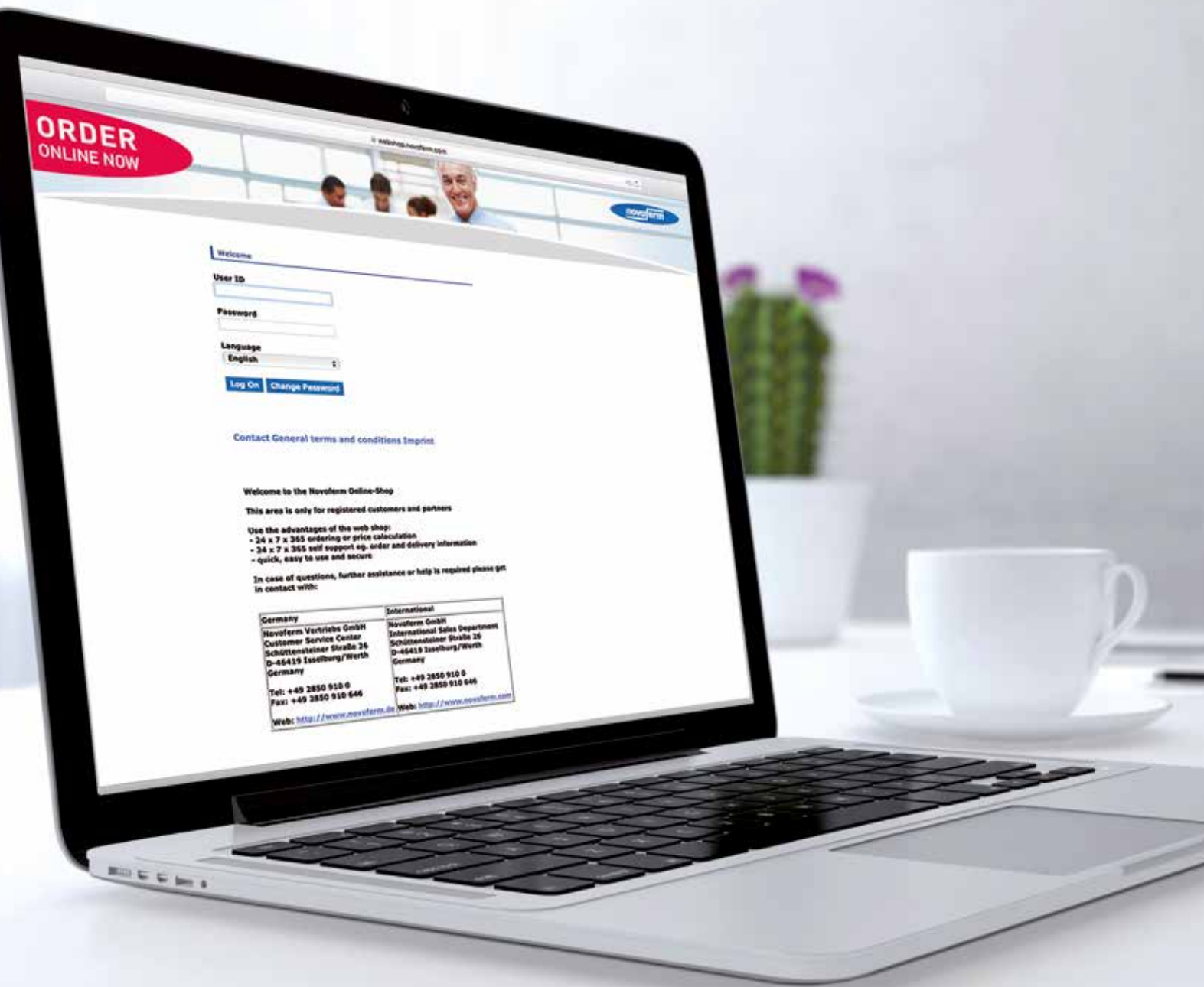
	Flush / Raised panel		woodgrain			Top-, intermediate- & lock panel		
Co-ordin.width	<= 2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000	5001-5500	
Höhe 450	726,-	786,-	861,-	935,-	995,-	1070,-	1144,-	
Höhe 500	736,-	797,-	873,-	949,-	1011,-	1087,-	1163,-	
Höhe 525	756,-	822,-	902,-	983,-	1048,-	1128,-	1208,-	

	Large rib / Flush		satin surfaces			Bottom panel incl. alu profile		
Co-ordin.width	<= 2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000	5001-5500	
Höhe 450	780,-	864,-	948,-	1021,-	1116,-	1185,-	1277,-	
Höhe 500	815,-	906,-	997,-	1077,-	1178,-	1254,-	1352,-	
Höhe 525	829,-	922,-	1015,-	1099,-	1203,-	1281,-	1382,-	

	Large rib / Flush		satin surfaces			Top-, intermediate- & lock panel		
Co-ordin.width	<= 2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000	5001-5500	
Höhe 450	746,-	825,-	905,-	983,-	1063,-	1126,-	1206,-	
Höhe 500	782,-	867,-	953,-	1039,-	1157,-	1195,-	1281,-	
Höhe 525	796,-	883,-	972,-	1061,-	1150,-	1222,-	1311,-	

Super color
RAL of choice
Panel prices for sectional doors with pass door

€ 28,- per m²
€ 49,- per m²
on request



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Top seller-Accessories

Sectional doors

Additional charge for Torsion spring (only on iso 45)	€/pc.	Additional charge for lock & handle	€/pc.
Additional charge for Torsion spring (only on iso 45)	65,-	Standard size, seen from inside right	38,-
Rear mount conversion kit (RM)	73,-	Standard size, seen from inside left or middle	72,-
Reinforced frame (not available with extension spring)	92,-	Special sizes, seen from inside right, left or middle	38,-
Prices for Angle-frame-trim profiles	€/pc.		
Angle-frame-trim-profile 20 x 50 mm	98,-		
Angle-frame-trim-profile 20 x 80 mm	121,-		

Colours for Sectional garage doors & Up & over garage doors

Additional charge for Sectional garage doors (Standard and special sizes)	€/pc.	Additional charge for Up & over garage doors (Standard and Special sizes)	€/pc.
Super Color- / Preferred colour 	Prices per Motive/ Size in the resp. Standard- & Special charts	SuperColor- / Preferred colours 	Up & over garage doors type K 99,- Up & over garage doors type M 237,-
RAL of choice (only on iso 45) 	49,- / m ²	RAL of choice 	70,- / m ²

Garage door operators

Prices	€/pc.	Prices	€/pc.
Novomatic 423 Complete set / BD (ZS) 20	362,-	Novomatic 423 Accu Complete set / BD (ZS) 20	499,-
Novomatic 423 , Operator head	268,-	Accu-Pack	220,-
Track BD (ZS) 20	94,-	Solar module	239,-
Track BD (ZS) 30	130,-	Novomatic 563 S , Operator head	382,-
		Track BD (ZS) 20	94,-
		Track BD (ZS) 30	130,-
		Track BD (ZS) 40	188,-

In case of using the der Novomatic operators together with an iso 45 Sectional garage door a telescopic console is necessary.

Accessories

Prices for hardware	€/pc.	Prices for emergency unlocking	€/pc.
Telescopic console	39,-	Emergency unlocking Extra 315	36,-
Special console S	22,-	Emergency unlocking Extra 304	33,-
		Emergency unlocking Extra 312	20,-
Prices for additional hand transmitters	€/pc.	Prices for switches	€/pc.
Mini-Novotron 522	59,-	Radio wall switch Signal 111 (white colour)	50,-
Mini-Novotron 522 Design	64,-	Wall switch Signal 112 (weiße colour)	64,-
Mini-Novotron 524	70,-	Remote code key pad Signal 218 (white colour)	120,-
Mini-Novotron 524 Design	75,-	Remote code key pad Signal 218 (black colour)	120,-
Wall bracket / Silicon case for above m. hand transm.	7,-	Wall switch Signal 107	13,-
		Key switch Signal 312	38,-
Mini-Novotron 502	59,-	Key switch Signal 313	41,-
Mini-Novotron 504	70,-	key switch Signal 412	38,-
Micro-Novotron 512	59,-	Key switch Signal 413	41,-
Micro-Novotron 512 Design	75,-		
Wall bracket / Silicon case for above m. hand transm.	7,-		
Prices for Fingerprint scanner	€/pc.	Prices for security options	€/pc.
Fingerprint-Scanner Signal 601 flush mounted	615,-	Light barrier Extra 625	111,-
		Light barrier Extra 626	62,-
		Reflection light barrier Extra 628	133,-
Prices for SmartHome components	€/pc.		
Delta Dore-Set (existing of Gateway 1 und WLAN module 2)	257,-		
Delta Dore-Funkmodul (to control an additional operator over the app)	118,-		

Detailed information on the colors shown here, operators and accessories as well as other accessories see the final pages of the respective product sections and from page 139.

Abbreviations in the order text



General abbreviations

BRM	Co.- ordinating size	OFF	Upper-edge finished floor
BRB	Co.- ordinating width	LDH	Clear passage height
BRH	Co.- ordinating height	ZF	Extension spring
DH	Ceiling height (min.)	TS	Torsion spring
AB	Rebate width (min.)	RE	right
GIB	Interior garage width (min.)	LI	left
EBT	Installation depth of the garage	NL	no lock and handle
RAM	Outer frame dimension	LR	lock position right (seen from inside)
RAMB	Outer frame width		
RAMH	Outer frame height		

Abbreviations to Sectional doors Novoferm E®

ES	Extension spring	GO	Golden oak
Sec.	Sectional door	DO	Dark oak
STT	Sectional door with pass door	MH	Mahagony
TW	Traffic white	WI	Winchester
SF	Special RAL colour	ED	Black oak
D	diss assembled	ME	Moor oak
DV	diss assembled reinforced frame	MP	Microline
FM	front mounted torsion spring	LO	London (horizontal rib)
RM	rear mounted torsion springs	MA	Madrid (raised panel)
HR	Horizontal rib	AM	Amsterdam
RP	Raised panel	RO	Rome
LR	Large rib	PA	Paris
FL	Flush	BE	Berlin (according to customers specif.)
WD	woodgrain-design	ST	Stockholm (flush)
SM	smooth (noblesse)	NF	Nordic pine
SW	Satin white	OK	Okoume
SB	Satin brown	GNT	Garage side door
SG / WG	Satin grey / Satin window grey		
SD	Satin Dark grey		

Abbreviations to Up & over garage doors model K® / M®

GNT	Garage side door	VAR	Wooden panneling on frame
IA	Inward opening	VIR	Wooden panneling in frame
S	Steel	SW	Standard white
PD	Pass door	SB	Sepia brown
K	Up & over garage door Model K	SF	Special RAL colour
M	Up & over garage door Model M		

Abbreviations to Operators

ZS (BD)	Drive belt	EBTN	Installation depth of the door by using Novo-matic operator
NP	NovoPort®		

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Novoferm GmbH
Schüttensteiner Straße 26
D-46419 Isselburg
E-mail: sales@novoferm.com
www.novoferm.com

