

Up-and-Over Garage Doors

N80, F80, EcoStar, Doors with Wicket Doors, Side Doors

Spare Parts Overview Valid from 01.03.2017



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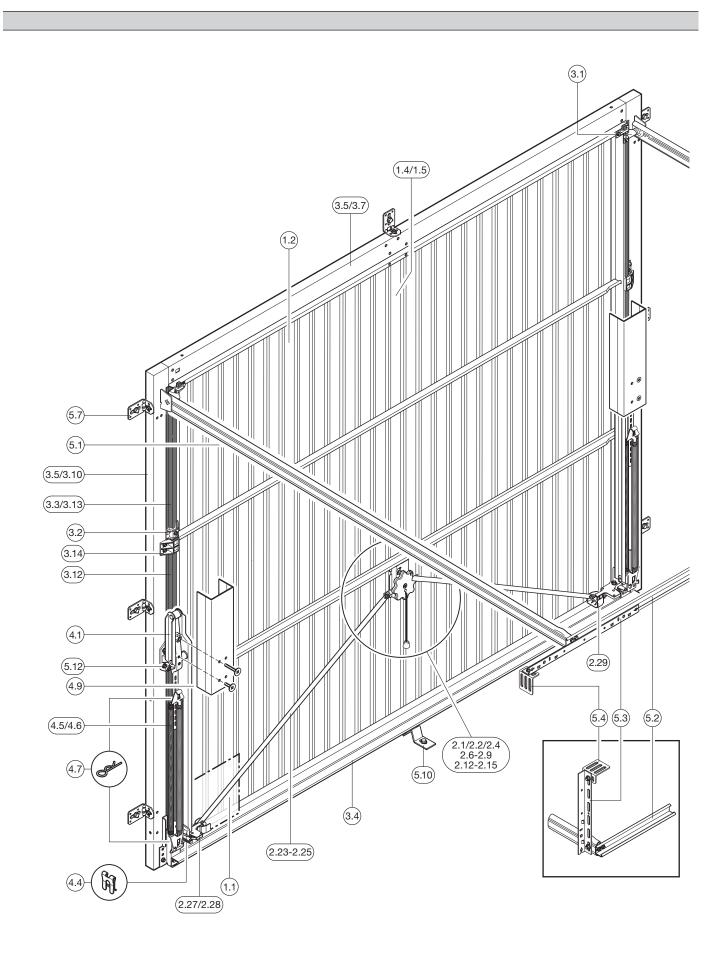
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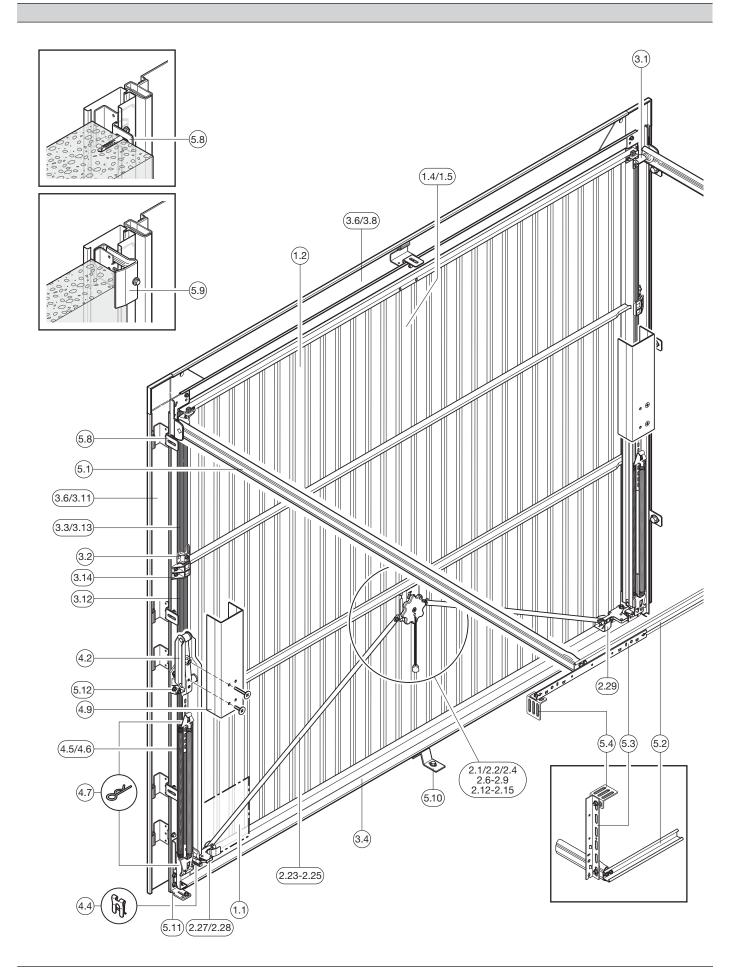
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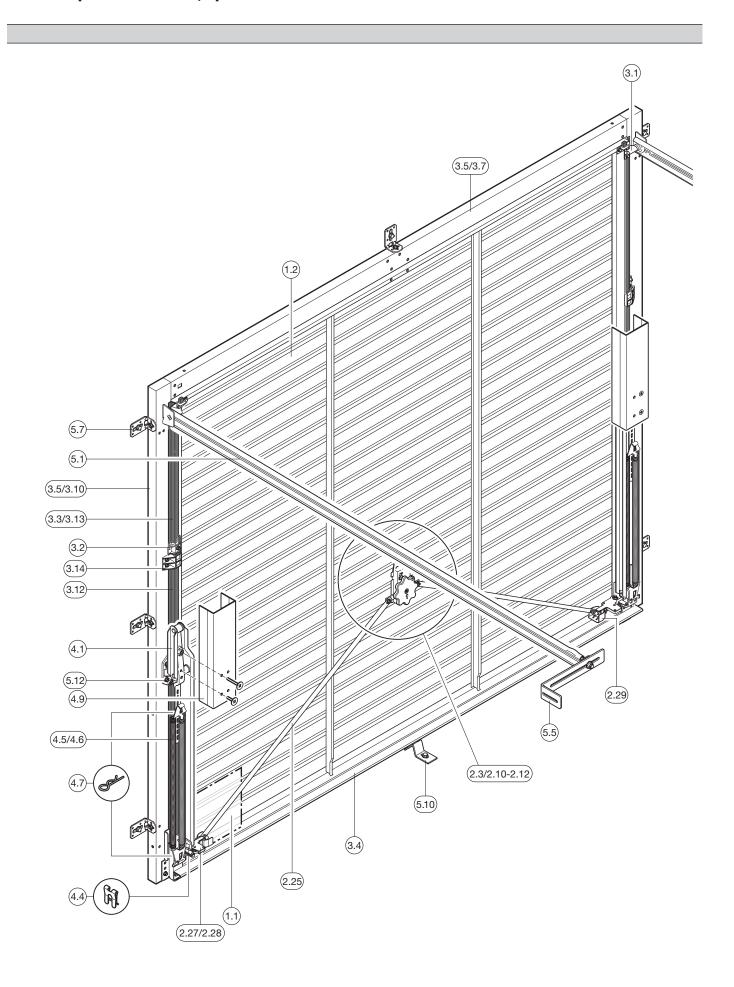
Symbol	Description
()	Price on request
	Please note the extended delivery times.
•	Prices marked with a dot indicate articles that are available from stock and available immediately ex works.
J	Article has been replaced.
	See price list



Overview

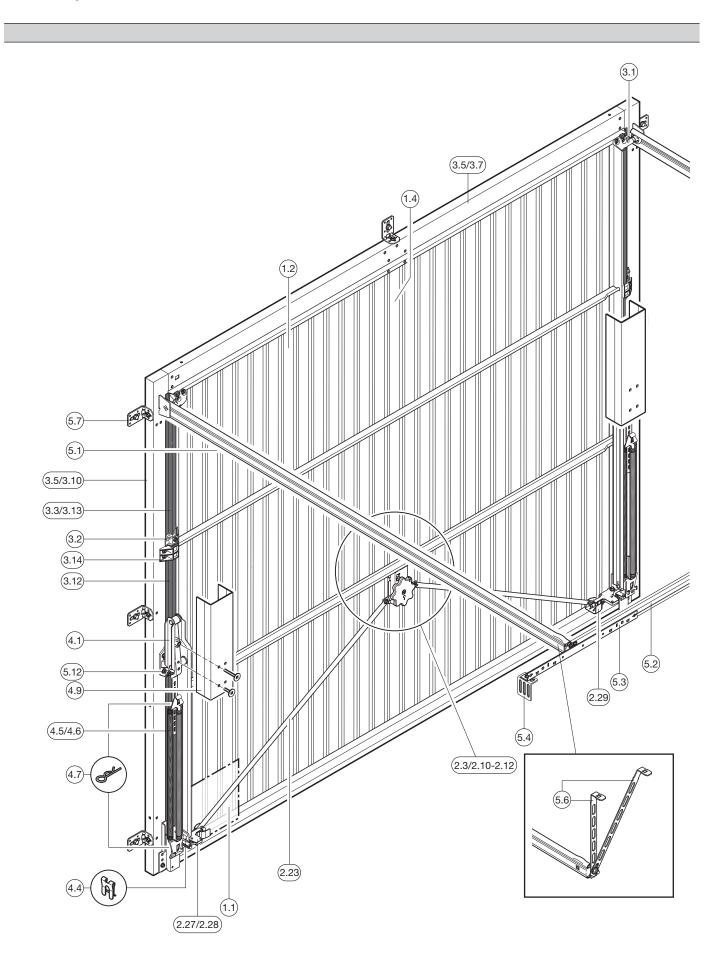
Up-and-over garage door F80

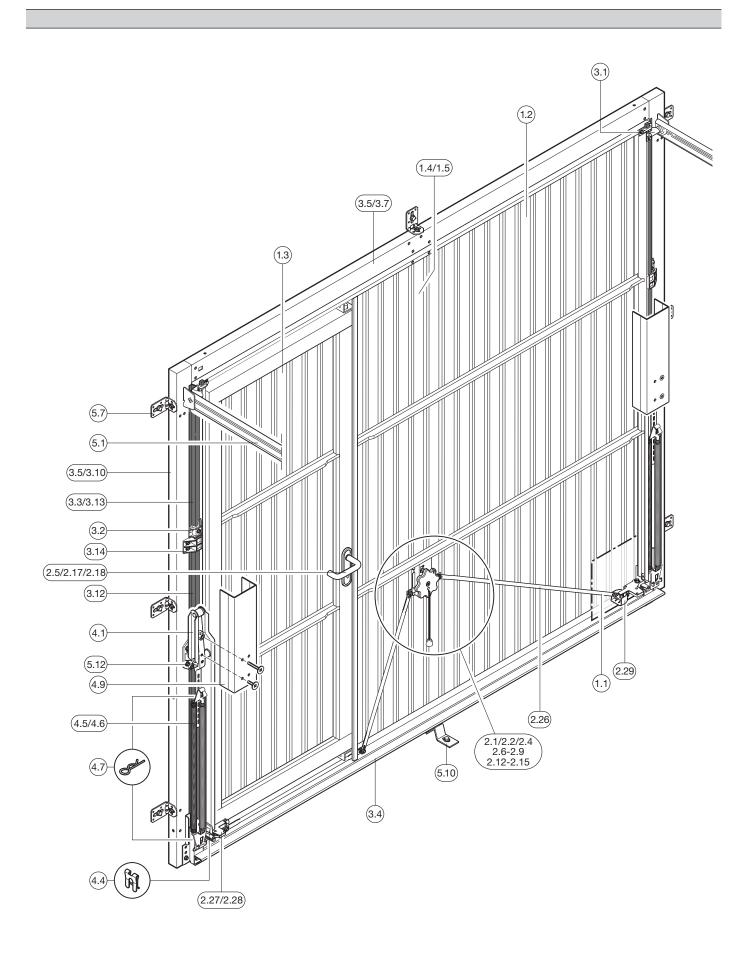




Overview

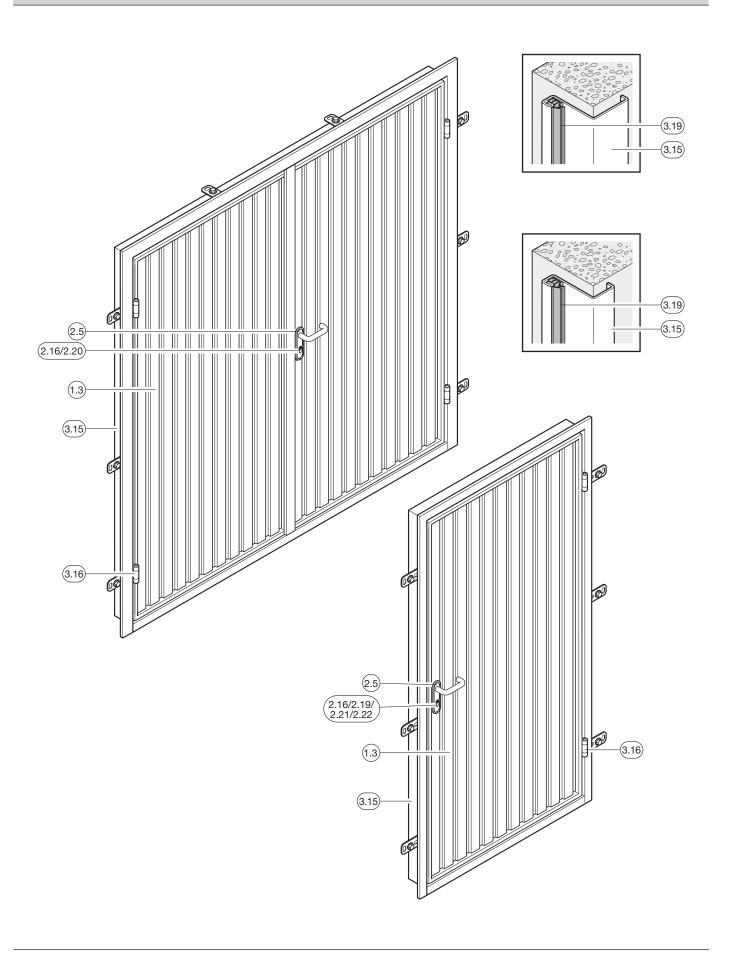
EcoStar up-and-over door, from serial no. 07121





Overview

Side doors



Article	Item Description	Assignment – style	Art. no.	Qty.	€
	1.1 Fitting accessories			Each	
	N80	902, 913, 914, 945, 953, 957, 968, 970 to 979, 982, 984, 985, 990, 992	13986		/each
	N80, adjustable door handle with handle base plate	905, 907,915, 922 to 928, 930 to 939, 941, 949, 961	13987		/each
	N80 with wicket door	902	13976		/each
	N80 with wicket door, adjustable door handle with handle base plate	905	13977		/each
	F80	902, 914, 945, 953, 957, 968, 970, 972, 974, 976, 978, 982, 984, 985, 990, 992	13992		/each
	F - 01 1 07404	992			
	EcoStar from series no. 07121		1404010		/each
	1.2 Door leaf N80 / F80 / EcoStar, doors with wicket doors	Indicate size, style, colour and, for doors with wicket doors, left/right door fitting;		Each	
	Without fittings				/each
	1.3 Door leaf for side door	Size, style, colour, left/right door handing		Each	
	Without fittings	For style 996, additionally indicate look similar to internal / external rolling shutter; for			
		Decopaint / Decograin version, indicate Golden Oak / Rosewood. For the double-leaf side door, also			
		indicate traffic leaf or fixed leaf.			/each

1) 60 % of garage door/side door price for RAL 9016 – surcharge for colour

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
ER	Customer name:	Serial no.:	Style:	
RD	Shipping address:	Year of manufacture:	Size:	
0				
	Place/date:	Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	1.4 Centre sheet N80 / F80, galvanized, width 998 mm EcoStar to serial no. 07121 Style 902 Style 914	Door height BRH	1009 1009	Quantity	/m² /m²
67,5	1.5 Centre profile N80 / F80, galvanized Special height (up to max. BRH 2750 mm)	953, 957, 970 to 977, 990, 992 Indicate door height BRH	1732 1732	Each	/each /each
	1.6 SK strips N80 / F80 / side door, galvanized Standard sizes Custom-made Standard sizes Custom-made	Indicate style, size, edge type (U-U or U-Z)/lock or hinge side; with Decograin indicate the surface Decograin Decograin		Each	/each /each /each
	1.7 Steel bottom section N80 / F80 / side door (70 mm) with holder From approx. September 1987 Colour: Terra brown RAL 8028 Special width (up to max. BRB 3000 mm) Door width BRB 875 mm Door width BRB 1000 mm Special width (up to max. BRB mm)	905 Indicate door width BRB	1005 1005 1305556 1305581 1305699	Quantity	/each /each /each /each

^{1) 60 %} of garage door/side door price for RAL 9016 – surcharge for colour

			Please take information from the data label!		
	Customer no.: Order n	o./com.:	Order no.:	Door type:	
ER	Customer name:		Serial no.:	Style:	
RD	Shipping address:		Year of manufacture:	Size:	
0					
	Place/date:		Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	2.1 Door handle set N80/F80/door with wicket door, black	902, 913, 914, 945, 953, 957, 968, 970 to 979, 982, 985, 990, 992	1024001	Each	/each
	2.2 Door handle set N80 / F80 / door with wicket door, black, adjustable, without handle base plate	905, 907, 915, 922 to 928, 930 to 939, 941, 949, 961, 978, 984	1026001	Each	/each
	2.3 Door handle set EcoStar, black		1424001	Each	/each
	2.4 Handle base plate N80/F80/door with wicket door, black SPAX screw 4.0 × 20 PT screw K 40 × 33	905, 907, 915, 922 to 928, 930 to 939, 941, 949, 961, 978, 979, 982, 984, 985 For handle base plate For handle base plate	1745000 1121002 1784000	Quantity	/each /each /each
	2.5 Lever handle set Side door/wicket door, version for profile cylinder Black plastic, standard		1324002	Each	/each
	2.6 Lock for profile half cylinder N80 / F80, door with wicket door Daytime lock Spring-loaded bars with screw-on bridge Tapping screw with countersunk head 4.2 x 13	902, 913, 914, 945, 953, 957, 968, 970 to 979, 982, 984, 985, 990, 992 From 04.1997: 949 To 12.1991: 990	1019000 1158000	Each	/each /each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
ER	Customer name:	Serial no.:	Style:	
RD	Shipping address:	Year of manufacture:	Size:	
0				
	Place/date:	Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	2.7 Lock for profile half cylinder N80 / F80 / door with wicket door Daytime lock Spring-loaded bars without screw-on bridge	905, 907, 915, 922 to 927, 930 to 939, 978, 982, 984, 985, From 02.2006: 908, 912 To 13.1997: 949, 961 To 12.1991: 953, 957	1019100	Each	/each
	2.8 Lock with profile half cylinder N80/F80 Daytime lock Concealed knob Non-spring-loaded bars With screw-on bridge: Incl. 2 Torx screws 6.3 x 16	914	1019701	Each	/each
	2.9 Lock for profile half cylinder N80 / F80 Night lock Shortened knob Non-spring-loaded bars With screw-on bridge: Incl. 2 Torx screws 6.3 x 16	914 Steel ribbing with ventilation slots	1019711	Each	/each
	2.10 Lock with profile half cylinder EcoStar Daytime lock Spring-loaded bars; with screw-on bridge:		1419001	Each	/each
10	2.11 Profile half cylinder N80/F80/EcoStar/door with wicket door With 2 keys Acc. to DIN 18252/18254 31.5 + 10 mm	902, 913, 914, 968, 970 to 980, 985, 988, 990, from 04.1997: 949, 961 from 01.1992: 953, 957	1020001	Each	/each
10	2.12 Profile half cylinder N80 / F80 / door with wicket door With 2 keys Acc. to DIN 18252 / 18254 35.5 + 10 mm	905, max. infill thickness 12.5 mm for infill in the frame; 984 up to 04.1997: 949, 961 up to 12.1991: 953, 957	1020002	Each	/each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
ER	Customer name:	Serial no.:	Style:	
RDI	Shipping address:	Year of manufacture:	Size:	
O				
	Place/date:	Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
50.5	2.13 Profile half cylinder N80 / F80 / door with wicket door With 2 keys Acc. to DIN 18252 / 18254 40.5 + 10 mm	905, max. infill thickness19 mm for infill in the frame; 941, 978	1020003	Each	/each
65.5	2.14 Profile half cylinder N80 / F80 / door with wicket door With 2 keys Acc. to DIN 18252 / 18254 55.5 + 10 mm	905, max. infill thickness 17 mm for infill overlapping the frame; 925, 927, 931 to 937	1020004	Each	/each
	2.15 Lever/knob lock for side door profile cylinder Tapping screw with countersunk head 5.5 × 16		1015915 1077000	Quantity	/each /each
	2.16 Lock for wicket door profile cylinder Right-hand hinged Left-hand hinged Right-hand hinged, 3-point Left-hand hinged, 3-point Countersunk screw M5 × 12	Up to 2005 Up to 2005 From 2005 From 2005 From 2005	874426 874427 874424 874425 1222020	Quantity	/each /each /each /each
10 41.5 50.5 72 770 48.50 72 770 58.50	2.17 Profile cylinder set for door with wicket door with keys to pass 1 × 31.5 + 10 mm and 1 × 31.5 + 40.5 mm 1 × 40.5 + 10 mm and 1 × 31.5 + 45.5 mm	902	1520701 1520703	Quantity	/each
	2.18 Single-leaf side door lock plate Pan-head tapping screw 4.2 × 9.5		1321001 1314001	Each	/each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
EB	Customer name:	Serial no.:	Style:	
RD	Shipping address:	Year of manufacture:	Size:	
0				
	Place/date:	Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	2.19 Double-leaf side door lock		1001010	Each	
	plate Tapping screw with countersunk head		1321010		/each
	5.5×16		1077000		/each
	2.20 Single-leaf side door			Each	
	protective box		1322001		/each
	2.21 Single-leaf side door			Each	
	edge protector		1318000		/each
	2.22 Locking rod N80 / F80 / EcoStar from serial no. 07121	All styles except for 913, 914, 949, 968, 978, 985 Not for Hörmatherm Indicate door width BRB		Each	
	Up to serial no. 05087		1030		/each
	From serial no. 05088 Special width, up to serial no. 05087		1030 1030		/each /each
	Special width, from serial no. 05088		1030		/each
	2.23 Locking rod	Style 914 from approx.		Each	
	N80 / F80 for horizontal locking	07.1992 Indicated door width BRB	1940		/each
					, 545.1
		01.1.040.000.070.070		Each	
	2.24 Locking rod N80 / F80 / EcoStar up to serial no. 07120, offset on both sides	Style 949, 968, 978, 979, 985 and for Hörmatherm door width BRB, indicate style and serial no.			
	Standard		1030		/each
	Special width		1038		/each
	2.25 Locking rod set	Indicate		Each	
	Door with wicket door and linkage	size, serial no. and fitting side			/each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
ER	Customer name:	Serial no.:	Style:	
RDI	Shipping address:	Year of manufacture:	Size:	
O				
	Place/date:	Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	2.26 Latching Adjustable, complete latch lock, up to serial no. 05087			Quantity	
	N80/F80/EcoStar, left version N80/F80/EcoStar, right version Door with wicket door, left version Door with wicket door, right version		1037013 1037014 1037113 1037114		/each /each /each
	For doors with infill overlapping the frame Door with wicket door, left version Door with wicket door, right version		1148113 1148114		/each /each
	2.27 Latching Adjustable N80 / F80 / EcoStar / door with wicket door with rotary catch from serial no. 05088			Quantity	
	Left version Right version		1037313 1037314		/each
	For doors with infill overlapping the frame Left version Right version		1148313 1148314		/each /each
	2.28 Deflector for rotary catch N80 / F80 / EcoStar / door with wicket door from serial no. 05088		1037370	Each	/each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
EB	Customer name:	Serial no.:	Style:	
RD	Shipping address:	Year of manufacture:	Size:	
0				
	Place/date:	Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	3.1 Roller holders Complete with roller and buffer N80 / EcoStar up to serial no. 07120 /	All styles		Each	
	door with wicket door, left version N80 / EcoStar up to serial no. 07120 /		1084003		/each
•	door with wicket door, right version EcoStar from serial no. 07121		1084004		/each
	Plastic, left version EcoStar from serial no. 07121		1084201		/each
	Plastic, right version F80 , left version		1084202 1284003		/each
· ·	F80, right version		1284004		/each
	3.2 Top rolling aid N80 / F80 / EcoStar / door with wicket door from serial no. 99001	All styles		Each	
	Left version Right version Note: Only exchange in pairs!		1082505 1082506		/each /each
	3.3 Cover strop for top of door leaf N80 / F80 / EcoStar / door with wicket door from serial no. 99001	All styles Indicate door height BRH	1082	Each	/each
	Special height (up to max. BRH 2750 mm)		1082299		/each
	3.4 Bottom stop profile N80 / EcoStar / door with wicket door galvanized from serial no. 87265	All styles Indicate door width BRB		Each	
	(Dimensions: 30 × 30 mm)		1074		/each
	F80		1274		/each
	Special width (up to max. BRB 3250 mm)		1074088		/each

- **2)** 60% of door price for style for RAL 9016 surcharge for colour
- **3)** 40 % of door price for style 902
- 4) 30 % of door price for style 902

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
ď	Customer name:	Carial na .	Chulou	
Ш	Customer name:	Serial no.:	Style:	
AD W	Shipping address:	Year of manufacture:	Size:	
0				
	Place/date:	Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	3.5 Complete subframe N80 / EcoStar / door with wicket door With bottom rolling aid, spring hook, bottom cover strip and guide rail, spring assembly, track and lever arm	All styles, Indicate colour, door width BRB and door height BRH with bottom rolling aid, spring hook and serial no.	84	Each	/each
	3.6 Complete subframe, F80 With bottom rolling aid, spring hook, bottom cover strip and guide rail, spring assembly, track and lever arm	All styles, Indicate colour, door width BRB and door height BRH with plug or clamp system and serial no.	842	Each	/each

- 2) 60% of door price for style for RAL 9016 surcharge for colour
- 3) 40 % of door price for style 902
- 4) 30 % of door price for style 902

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
ER	Customer name:	Serial no.:	Style:	
RDI	Shipping address:	Year of manufacture:	Size:	
0				
	Place/date:	Stamp and signature		
	Flace/date.	Starrip and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	3.7 Top frame N80 / EcoStar / door with wicket door, galvanized Special width (up to max. BRB 3250 mm)	All styles Indicate door width BRB	1075	Each	/each /each
	3.8 F80 top frame	All styles Indicate colour, door width BRB, plug or clamp system and serial no.	1075	Each	/each
	3.9 Cover strip for top frame F80	All styles Indicate door width BRB	144	Each	/each
	3.10 Side frame N80 / EcoStar / door with wicket door, galvanized Consisting of: side frame, bottom rolling aid, spring hooks, bottom cover strip	All styles Indicate door height BRH, left/right version and serial no.		Each	
	For latching With rotary catch from serial no. 05088		1042 1042		/each /each
,,,	Special height (up to max. BRH 2750 mm) Left version Special height (up to max. BRH 2750 mm) Right version Special height from serial no. 05088		1042		/each
	(up to max. BRH 2750 mm) Left version Special height from serial no. 05088 (up to max. BRH 2750 mm)		1042		/each
	Right version		1042		/each

- 2) $60\,\%$ of door price for style for RAL 9016 surcharge for colour
- 3) 40% of door price for style 902
- 4) 30% of door price for style 902

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
EB R	Customer name:	Serial no.:	Style:	
RDI	Shipping address:	Year of manufacture:	Size:	
0	··· · ·			
	Place/date:	Stamp and signature		

Article	Item	Description	Assignment – style	Art. no.	Qty.	€
	aid, spand g	sting of: side frame, bottom rolling oring hooks, bottom cover strip uide rail	All styles Indicate colour, door height BRH, plug or clamp system and serial no.	1247 1247	Each	/each /each
	door, Repla	Bottom cover strip for side frame F80 / EcoStar / door with wicket from serial no. 99001 accement for bottom cover strip, right al height (up to max. BRH 2750 mm)	All styles Indicate door height BRH	1045 1045	Quantity	/each /each

- 2) 60% of door price for style for RAL 9016 surcharge for colour
- 3) 40 % of door price for style 902
- 4) 30 % of door price for style 902

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
EB	Customer name:	Serial no.:	Style:	
RD	Shipping address:	Year of manufacture:	Size:	
0				
	Place/date:	Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	3.13 Top guide rail for side frame N80/F80/EcoStar/door with wicket door, from serial no. 99001 Replacement for bottom cover strip, left/right Special height (up to max. BRH 2750 mm)	All styles Indicate door height BRH	1046 1046399	Quantity	/each
	3.14 Bottom rolling aid N80/F80/EcoStar/door with wicket door, from serial no. 99001 Left version Right version Note:	All styles	1045505 1045506	Quantity	/each /each
	Only exchange in pairs! 3.15 Complete side door subframe Single-leaf Double-leaf	Indicate colour, style, and size and, for double-leaf doors, the traffic or fixed leaf	843 844	Each	/each /each

- **2)** 60 % of door price for style for RAL 9016 surcharge for colour
- 3) 40% of door price for style 902
- 4) 30% of door price for style 902

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
EB R	Customer name:	Serial no.:	Style:	
RDI	Shipping address:	Year of manufacture:	Size:	
0	··· · ·			
	Place/date:	Stamp and signature		

Article	Item	Description	Assignment – style	Art. no.	Qty.	€
	1	Side door hinge ng screw with countersunk head 13		1315050 1158000	Each	/each
	3.17	Double-leaf side door U-latching bolt		1331000	Each	/each
	3.18	Floor sleeve with cover for double-leaf side door		1751010	Quantity	/each
	3.19	Sound-absorbing seal 7204 mm		1347993	Each	/each

²⁾ 60% of door price for style for RAL 9016 – surcharge for colour

- **3)** 40 % of door price for style 902
- 4) 30 % of door price for style 902

					Please take information from the data label!		
	Customer no.:	Order no./com.:	Order n	o.:	Door type:		
EB EB	Customer name:		Serial n	0.:	Style:		
			i				
R	Shipping address:		Year of	manufacture:	Size:		
0							
	Place/date:		Stamp and	signature			

4. Lever Arms and Spring Assemblies

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	4.1 Lever arm N80 / EcoStar / door with wicket door complete with ball-bearing and spring receiver hinge	All styles Indicate door height BRH/X dimension, Ieft/right version	1049	Each	/each
	Special height (up to max. BRH 2750 mm) Left Special height (up to max. BRH 2750 mm) Right	Note:	1049		/each
× U	Complete reinforced N80 lever arm Special height (up to max. BRH 2750 mm) LHS-reinforced	Due to safety reasons, always exchange both lever arms on doors up to serial no. 98365.	10493		/each
	Special height (up to max. BRH 2750 mm) RHS-reinforced	The adapter plate is included in the scope of delivery.	1049		/each
×	4.2 Lever arm F80 complete with ball-bearing and spring receiver hinge Height (up to max. BRH 2500 mm) Left Height (up to max. BRH 2500 mm) Right Complete reinforced F80 lever arm	All styles Indicate door height BRH/X dimension, left/right version.	1049 1049 1249	Each	/each /each
	4.3 Lever arm socket N80/F80/EcoStar/door with wicket door	All styles	1018485	Each	/each
	4.4 Retaining clip N80/F80/EcoStar/door with wicket door	All styles	1071001	Each	/each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
EB	Customer name:	Serial no.:	Style:	
RDI	Shipping address:	Year of manufacture:	Size:	
0		Tour of manufacturor	01201	
	Place/date:	Stamp and signature		

4. Lever Arms and Spring Assemblies

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	4.5 Spring assembly, 3× N80/F80/EcoStar/door with wicket door ID no.: 001 ID no.: 002 ID no.: 003 ID no.: 004 ID no.: 005 ID no.: 006 ID no.: 007 ID no.: 008		1195001 1195002 1195003 1195004 1195005 1195006 1195007 1195008	Each	/each /each /each /each /each /each
	4.6 Spring assembly, 4× N80/F80/EcoStar/door with wicket door ID no.: 011 ID no.: 012 ID no.: 015 ID no.: 017 ID no.: 018 ID no.: 021 ID no.: 022 ID no.: 023 ID no.: 024 ID no.: 025 ID no.: 025 ID no.: 026 ID no.: 027 ID no.: 028 ID no.: 029 ID no.: 031 ID no.: 032 ID no.: 033		1195011 1195012 1195015 1195017 1195018 1195021 1195022 1195023 1195024 1195025 1195026 1195027 1195028 1195029 1195031 1195032 1195033	Each	/each
	4.7 Spring securing pin N80/F80/EcoStar/door with wicket door Price for 4 pieces	All styles From approx. 10.1992	1192000	Each	/each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
EB	Customer name:	Serial no.:	Style:	
RD	Shipping address:	Year of manufacture:	Size:	
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	Place/date:	Stamp and signature		

4. Lever Arms and Spring Assemblies

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	4.8 Adapter set for spring assembly N80 / F80 / door with wicket door Consisting of: spring adapter and spring securing pin	Conversion of door from single springs to spring assemblies	1195666	Each	/each
	4.9 Lever arm trap guard N80 / F80 / EcoStar / door with wicket door incl. fixing material from serial no. 01078	All styles	1248030	Each	/each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
ER	Customer name:	Serial no.:	Style:	
RDE			-	
	Shipping address:	Year of manufacture:	Size:	
0				
	Place/date:	Stamp and signature		

5. Tracks and Anchors

Article	Item	Description	Assignment – style	Art. no.	Qty.	€
	5.1	Track with track bracket	All styles		Each	
		EcoStar / door with wicket door	Indicate door height BRH	1078		/each
		al height (up to max. BRH 2750 mm) ersion		1078		/each
		al height (up to max. BRH 2750 mm) version		1078		/each
Se o	F80		Indicate door height BRH			
		ersion	Ç	1078 1078		/each
	Right	version		1078		/each
		_			Each	
		Rear spacer F80 / EcoStar from serial	All styles			
		7121 / door with wicket door	Indicate door width BRB	1087		/each
	Speci	al width (up to max. BRB 3250 mm)		1087		/each
a.C.						
1000	5.3	Universal anchor	All at doo		Each	
	N80/	F80 / EcoStar from serial 7121 / door with wicket door	All styles	1089000		, .
800000	110.0	7 1217 door with wicket door		1069000		/each
					Quantity	
000	5.4 N80/	Track anchor F80 / EcoStar from serial	All styles			
	no. 0	7121 / door with wicket door		1101000		/each
					Quantity	
	5.5 EcoS	Track wall anchor Star to serial				
	no. 0	7120, 95 × 245 mm		1934000		/each
					Set	
	5.6 EcoS	Perforated anchor star from serial no. 07121 (4/set)		1983103		/each
		,				

		Please take information from	Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:		
ER	Customer name:	Serial no.:	Style:		
RD	Shipping address:	Year of manufacture:	Size:		
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	Place/date:	Stamp and signature			

5. Tracks and Anchors

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	5.7 Frame bracket N80 / EcoStar / door with wicket door	All styles	1099001	Quantity ———	/each
	5.8 Grouting lug F80	All styles	1022458	Each	/each
	5.9 Frame clamping anchor F80 57 mm, wall thickness from 50 – 60 mm	All styles	1021664	Each	/each
	67 mm, wall thickness from 61 – 70 mm 77 mm, wall thickness from 71 – 80 mm 87 mm, wall thickness from 81 – 90 mm 94 mm, wall thickness from 91 – 100 mm		1021907 1021915 1021923 1021931		/each /each /each /each
	5.10 Clamping anchor N80 / F80 / EcoStar / door with wicket door	All styles	1002112	Each	/each
	5.11 Frame shoe bracket N80 / F80 / door with wicket door	All styles	1562012	Each	/each
Ann	5.12 Hexagon head tapping screw N80 / F80 / EcoStar	All styles		Set	
	B 6.3 × 19C (10 / set)		1041019		/each
	5.13 Repair screw N80 / F80 / EcoStar	All styles		Set	
	7.0 × 22 (10 / set)		1595000		/each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
E B	Customer name:	Serial no.:	Style:	
RD	Shipping address:	Year of manufacture:	Size:	
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	Place/date:	Stamp and signature		

5. Tracks and Anchors

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	5.14 Side door anchor package			Set	
	Single-leaf Double-leaf		1325205 1325206		/each
	Note: Both anchor packages are required for double-leaf doors!		1323200		/each
Mana	5.15 Tapping screw with countersunk head N80 / F80 / EcoStar	All styles		Set	
	5.5 × 16C – T25 (10 / set)		1077001		/each
	5.16 Threaded bolt N80 / F80 / EcoStar	All styles	1004000	Each	
	NOU/ FOU/ ECOStar		1004093		/each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
EB	Customer name:	Serial no.:	Style:	
RD	Shipping address:	Year of manufacture:	Size:	
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	Place/date:	Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	6.1 Door glazing for steel infill N80 / F80 / side door	902, 941, 957, 970 to 973, 982		Each	
	Standard view 4/view 13 Complete frame and synthetic pane				
	Traffic white – clear Traffic white – crystal structure		1709201 1709203		/each
	Terra brown/Color Special colour	Indicate colour and glass			/each
	6.2 Door glazing for steel infill N80/F80/side door	902, 941, 957, 970 to 973, 982		Each	
	Diamond view 5/view 14 Complete frame, inlay and synthetic pane				
	Traffic white – clear Traffic white – crystal structure		1709221 1709223		/each
	Terra brown / Color Special colour	Indicate colour and glass			/each /each
	6.3 Door glazing for steel infill N80 / F80 / side door	902, 941, 957, 970 to 973, 982		Each	
	Crossed rails view 6/view 15 Complete frame, inlay and synthetic pane				
	Traffic white – clear Traffic white – crystal structure		1709211 1709213		/each /each
	Terra brown / Color Special colour	Indicate colour and glass			/each /each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
ER	Customer name:	Serial no.:	Style:	
RDI	Shipping address:	Year of manufacture:	Size:	
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	Place/date:	Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	6.4 Door glazing for side door steel infill View 16 Complete frame and synthetic pane	902, 941		Quantity	
	Traffic white – clear Traffic white – crystal structure Terra brown / Color Special colour	Indicate colour and glass	1709401 1709403		/each /each /each
	6.5 Exterior frame for glazing in steel infill N80 / F80 / side door Traffic white Terra brown / Color Special colour	902, 941, 957, 970 to 973, 982 Indicate colour	1716201	Quantity	/each /each /each
	6.6 Interior frame for glazing in steel infill N80 / F80 / side door Traffic white Terra brown / Color Special colour	902, 941, 957, 970 to 973, 982 Indicate colour	1716101	Quantity	/each /each /each
	6.7 Inlay for glazing in steel infill N80 / F80 / side door Diamond view 5 Traffic white Terra brown / Color Special colour	902, 941, 957, 970 to 973, 982 Indicate colour	1716303	Each	/each /each /each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
EB	Customer name:	Serial no.:	Style:	
RD	Shipping address:	Year of manufacture:	Size:	
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	Place/date:	Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	6.8 Inlay for glazing in steel infill N80 / F80 / side door Crossed rails view 6	902, 941, 957, 970 to 973, 982		Each	
	Traffic white Terra brown / Color Special colour	Indicate colour	1716301		/each /each /each
1 2	6.9 Synthetic pane N80 / F80 / side door, 302 × 222 × 3 mm Clear Crystal structure	902, 941, 957, 970 to 973, 982	1709500 1709501	Each	/each /each
h	6.10 Door glazing for timber infill N80 / F80 / side door View 21 Complete frame and synthetic pane Clear Crystal structure	925, 927, 931 Indicate type of timber	1709721 1709701	Each	/each /each
	6.11 Door glazing for timber infill N80 / F80 / side door Views 23 and 24 Complete frame and synthetic pane Clear Crystal structure	923, 924, 930, 933, 934, 935, 937 Indicate type of timber	1709723 1709703	Each	/each /each
12 / l	6.12 Synthetic pane cut for glazing N80 / F80 / side door Timber infill view 21 Clear Crystal structure		1709510 1709511	Each	/each /each

		Please take information from the data label!		
	Customer no.: Order no./com.:	Order no.:	Door type:	
EB	Customer name:	Serial no.:	Style:	
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E C	Shipping address:	Year of manufacture:	Size:	
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	Place/date:	Stamp and signature		

Article	Item Description	Assignment – style	Art. no.	Qty.	€
	6.13 Synthetic pane cut for glazing N80 / F80 / side door			Each	
	Timber infill view 22				
2	Clear Crystal structure		1709520 1709521		/each /each
	6.14 Synthetic pane cut for glazing N80 / F80 / side door			Each	
4	Timber infill views 23 and 24				
	Clear Crystal structure		1709500 1709501		/each /each

			Please take information from the data label!		
	Customer no.:	Order no./com.:	Order no.:	Door type:	
ER	Customer name:		Serial no.:	Style:	
RD	Shipping address:		Year of manufacture:	Size:	
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	Place/date:		Stamp and signature		

7. Paint

Article	Item Description	Assignment - style	Art. no.	Qty.	€
	7.1 Touch-up pen Article is only available from the subsidiaries	All styles Indicate RAL colour	1571	Each	/each
	7.2 Primer paint, 1 kg can Article is only available from the subsidiaries Traffic white RAL 9016 Terra brown RAL 8028	All styles	1570114 1570112	Each	/each /each
	7.3 Spray can, 150 ml Article is only available from the subsidiaries Traffic white RAL 9016 Terra brown RAL 8028	All styles	1571115 1571113	Each	/each /each

		Please take information from the data label!			
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	Place/date:	Stamp and signature			



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General Terms and Conditions of Sale and Delivery (Issue 01.03.2016)

§ 1 General

- 1. Our General Terms and Conditions of Sale and Delivery apply to all deliveries and services
- in accordance with the contract concluded between us and the Customer.

 2. Our General Terms and Conditions of Sale and Delivery are exclusively applicable; Customers' conditions which conflict with or deviate from our conditions are not recognised
- unless we have agreed to them expressly in writing.

 3. Our General Terms and Conditions of Sale and Delivery apply only to transactions with business entities as per § 14 of the German Civil Code [BGB]

§ 2 Entry into Contract

- Our offers are without engagement and non-binding, unless otherwise agreed. Decisive for nature and scope is our order confirmation. We reserve the right to make technical changes
- as well as changes in form, colour and/or weight insofar as is reasonable.

 2. The offer shall be regarded as accepted only when an order confirmation is issued or the goods are dispatched. The issue of a confirmation of receipt or the receipt of a telephone order do not constitute a binding acceptance. In the case of goods that have to be made to order, following our written confirmation the contract shall be regarded as having been entered into even if details of its execution which may affect price and delivery remain to be clarified. The right to make design and form changes during the delivery period is reserved, provided that the subject of delivery and its function and appearance are not fundamentally altered thereby. There will be no resulting change in price.
- 3. In respect of figures, drawings, calculations and similar documents, we reserve ownership and copyright. This likewise applies to such documents designated as "confidential". These documents may not be made available to third parties without our express prior approval.

§ 3 Prices and Terms of Payment

- 1. Unless otherwise specified in the order confirmation, our prices apply "ex works", excluding transport and assembly, which shall be invoiced separately. Costs for packaging, with the exception of small and spare parts, are included. The value added tax as required by law is not included in our prices; this tax will be shown separately on the invoice at the legal rate
- applicable on the date of invoicing.

 2. Our invoices shall be due to be paid net (without deduction) within 30 days. The deduction
- of discounts requires a special agreement in writing.

 3. Should the price of materials increase taxes or levies be increased after the contract has been concluded, we shall be entitled to adjust our prices accordingly if there are at least 4 months between entry into contract and intended delivery.
- Should the Customer commission not only delivery but also assembly or similar services, these shall be invoiced by the hour unless a fixed rate has been agreed expressly. Our valid
- Terms and Conditions of Installation shall apply to all assembly services.

 5. We are entitled, even in the case of conflicting Customer conditions, to set off payments against the Customer's previous debts. If costs and interest have already incurre entitled to set off the payment against the costs, then to the interest and finally to the main
- We are also entitled to make our remaining claims immediately payable and render the execution of all further services subject to an advance payment or provision of security, if we become aware of circumstances that call the solvency and the credit standing of the Customer into question, in particular in the event of default in payment. The right to claim
- further damages will remain unaffected.

 7. During the delay, the Customer cannot invoke the right to possession. Any claim for return on our side during a delay on the Customers side shall only be considered as withdrawal from the contract if we have specified this expressly in writing.
- The Customer shall only have the right to offsetting if the Customer's counterclaims have been determined without further legal recourse, beyond dispute or if the counterclaims have been recognised by us. The Customer can only exert a right of retention if and when the counterclaim rests on the same contractual relationship.

§ 4 Place of Fulfilment, Transfer of Risk

- 1. Unless otherwise specified in the order confirmation, a delivery "ex works" (INCOTERMS 2010) has been agreed. The risk of accidental loss or deterioration of the goods purchased passes to the Customer upon hand-over of the goods to the shipping agent, the freight forwarder or the person or establishment otherwise appointed to execute the shipment. This shall likewise apply in case of partial delivery or if we have taken over other services (e.g. shipping or assembly).
- 2. Should the Customer be in default of acceptance, the risk of accidental loss or deterioration of the goods purchased shall pass to the Customer. Any storage costs incurred shall comply with § 5 No. 3.
- 3. If carriage paid delivery of the goods has been agreed, the means of transport must be unloaded immediately by the Customer. Waiting times will always be at the Customer's expense. Direct delivery to site shall always be regarded as on truck on an even, drivable road. Unloading including transportation to the place of use or storage is the responsibility of the Customer who in the event of delay must bear the cost and risk of unloading, stacking, storage or return transport. The recipient acting on behalf of the Customer at the place of unloading shall be regarded as authorised to accept the load with binding effect.

§ 5 Period of Delivery

- 1. The period of delivery specified by us shall only begin after clarification of all technical
- 2. Information on delivery dates shall be considered the expected periods of delivery and are always subject to correct and timely delivery by suppliers and/or other manufacturers to us. The Customer may only set a time limit for the supply/performance if the expected delivery date has been exceeded by more than three weeks. This time limit must be reasonable and must amount to a minimum of three weeks. Claims for damages due to non-compliance with an expected delivery date are excluded. Delays in supply and performance as a result of force majeure or as a result of events which materially impede or prevent us from making delivery – including in particular subsequent material sourcing difficulties for which we are not responsible, interruption of operations, strikes, lockouts, official directives, etc., even if these affect our suppliers or sub-suppliers – will be notified to the Customer immediately. Events of this type entitle us to withdraw from the contract either in whole or in part if the order is not yet completed. In the event of withdrawal, any compensating measures
- already performed by the Customer shall be reimbursed immediately.

 3. Should the Customer be in delay of acceptance, we are entitled to store the goods at the Customer's risk and expense. For the corresponding storage costs, we can optionally demand reimbursement of the actually incurred costs or of a fixed rate of 5% of the invoice sum for each commenced month. This also applies to storage by us. The Customer has the right to prove less damage in the event of a claim to flat-rate damage reimbursement.
- 4. Should, after the time limit set by us has expired, the Customer refuse to accept the goods or declare to no longer want to accept the goods without entitlement to do so, we can also demand damage compensation due to non-fulfilment
- 5. Partial deliveries are permissible to a reasonable extent.

§ 6 Reservation of Title

- We reserve ownership of the goods until complete payment of all claims from the ongoing business relationship with the Customer. Should the value of the reserved goods exceed the claims to be secured from the ongoing business relationship with the Customer by more than 20%, we are obligated to release the reserved goods on Customer request. The selection of the securities to be released is at our discretion.
- While retention of title is in effect, the Customer is obligated to treat the goods purchased with care and sufficiently insure them against fire, water and theft at their value when new and at the Customer's expense. Any claims asserted for damages by the Customer against the insurer or other third parties due to deterioration of the reserved goods are right now signed over to us at the amount of the invoice sum. Should maintenance and inspection work be required, the Customer shall perform said work regularly at the Customer's own expense. The Customer must inform us immediately and in writing of all access of third parties to the goods, in particular of all foreclosure and any damage to or destruction of the goods. The Customer must inform us of a change in possession of the goods as well as a change in the Customer's address immediately. The Customer must reimburse us of all damage and costs caused by a violation of this obligation and resulting necessary intervention measures to prevent access of third parties to the goods. In the event of access by third parties, the Customer must also provide us with the necessary help to exercise
- The Customer is not permitted to pledge reserved goods nor assign them as security.
- Processing or transformation of goods supplied subject to the reservation of title is always undertaken by the Customer on our behalf. Should the reserved goods be combined or processed with other items, the reservation of title shall continue for the processed or combined goods. If the reserved goods are processed or combined inextricably with items which are not our property, we shall acquire ownership of the new object in the ratio of the invoice value of the reserved goods to the invoice value of the other goods used at the time of processing or combination. The resulting co-ownership rights shall be deemed to be reserved goods in accordance with these terms and conditions. If our goods are joined or combined inextricably with other movable items into a single object and the other object is to be considered the main object, the Customer shall concede proportionate joint ownership to us should the main object belong to the Customer. In the aforementioned cases, the Customer here and now assigns all ownership rights to the processed, joined, or combined goods to us. Instead of a transfer, the Customer shall hold the processed, joined, combined goods to us. Instead of a transfer, the Customer shall not the processer, loned, or combined object in safe custody on our behalf. For the object resulting from processing, use, or combination, the same applies in all other respects as for reserved goods.

 5. The Customer is entitled to resell goods supplied subject to reservation of title by way of due and proper business transactions. The Customer here and now assigns all claims with
- all rights arising from the resale of the reserved goods to us in full. We accept this assignment. Should the Customer sell the reserved goods after processing/combination together with goods not belonging to the Customer, the Customer here and now assigns to us the claims resulting from resale at the value at new of the reserved goods along with all ancillary rights. We accept this assignment right now. The Customer is entitled to collect all alricillarly rights. We accept this assignment right flow. The customer is entitled to collect this claim even after assignment. However, we reserve the right to collect the claim ourselves as soon as the Customer fails to properly meet payment obligations and enters into default, or reasonable doubt about the Customer's solvency and credit standing exists. On our request, the amount of the assigned claim, the person of the debtor and all other information required for collection must be provided, the corresponding documents be handed over and the debtor be notified of the assignment.
- The right to further processing and resale ends with withdrawal from the contract
- During the Customer's standard business hours, we are at all times entitled to enter the offices and operating premises to check the reserved goods and to take possession of the reserved goods insofar as the Customer is unable to invoke rights to possession.

- 1. The Customer shall be entitled to claims for defect only if the Customer's duties to inspect and report pursuant to § 377 of the German Commercial Code [HGB] have been duly complied with. In the event that complaints are not reported in due time and/or in due form, the goods shall be regarded as accepted.
- 2. For the delivery of objects, we are free to decide to affect supplementary performance either by repair or replacement. If supplementary performance fails, the Customer can at his choice demand a reduction, withdrawal or compensation. In the event of only minor defects the Customer has no right to withdrawal.
- As a matter of principle, the nature of the goods purchased shall be defined solely by the manufacturer's product description/order confirmation. Public statements, recommendations or advertisements by the manufacturer do not constitute contractual statements as to the nature of the goods.
- The period of limitation for defect claims is based on § 438, Para. 1, No. 2 of the German
- Civil Code [BGB] as long as no deviating time limits have been expressly agreed. 5. The Customer is not entitled to assign claims for material defects.

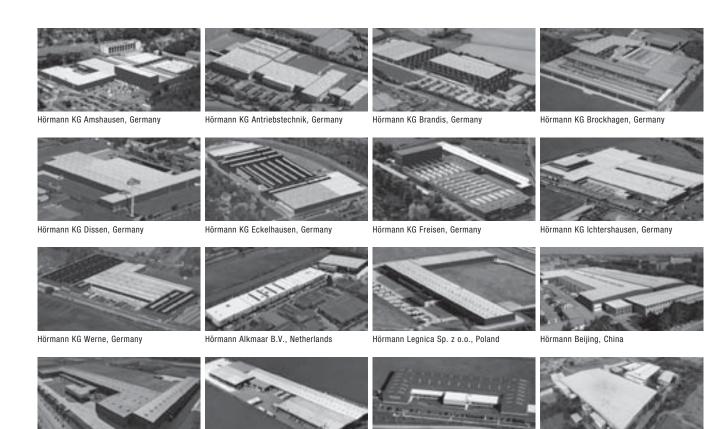
- 1. We accept liability within legal provisions, provided the Customer asserts claims for damages that are based on intent or gross negligence. In the event of minor negligence, our liability is limited to predictable, typically occurring damage. We are not liable in the event of minor negligence of non-essential contractual obligations whose violation does not threaten the performance of the contract. This also applies to breach of duty by our legal
- representatives or vicarious agents. Liability for negligent injury to life or limb or the impairment of a person's health remains unaffected from the above limitations of liability; this also applies to Customer claims according to the German Product Liability Act [Produkthaftungsgesetz].

§ 9 Concluding Provisions

- The law of the Federal Republic of Germany shall apply. The UN Convention on the International Sale of Goods shall not be applicable.

 To take legal effect, subsidiary agreements and amendments must be confirmed in writing.
- This likewise applies to any modification of the clause stipulating the written form. Unless otherwise specified in the order confirmation, our headquarters are the place of
- fulfilment. The exclusive place of jurisdiction for all disputes arising from this contract shall be Bielefeld, Germany.
- Insofar as individual terms of the contract including these General Terms and Conditions should be or become ineffective either in whole or in part, this shall not affect the validity of the remaining provisions.

Hörmann: Quality without Compromise



Hörmann Flexon LLC, Burgettstown PA, USA

Hörmann is the only manufacturer worldwide that offers you a complete range of all major building products from one source. We manufacture in highly-specialised factories using the latest production technologies. The close-meshed network of sales and service companies throughout Europe, and activities in the USA and Asia, make Hörmann your strong partner for first-class building products, offering "Quality without Compromise".

Hörmann Tianjin, China

Hörmann LLC, Montgomery IL, USA

GARAGE DOORS
OPERATORS
INDUSTRIAL DOORS
LOADING EQUIPMENT
HINGED DOORS
DOOR FRAMES

Shakti Hörmann Ltd., India