

## Single-walled Roller Shutter Door Profiles

Technical Specifications  
Accessories

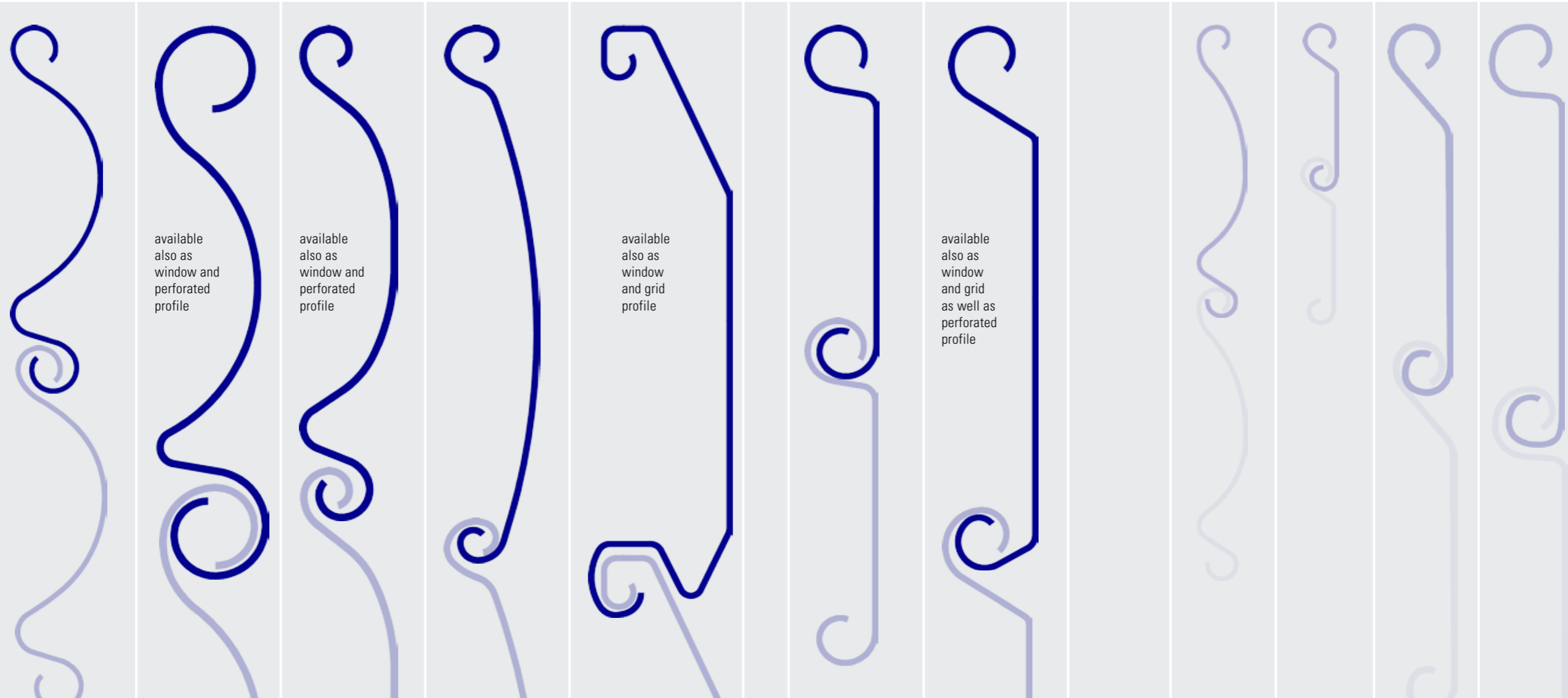
ferdinand brasellmann.de

Diversity in profiles

# Single-walled Roller Shutter Door Profiles

# older Profiles\*

cross-sections, scale 1:1



available also as window and perforated profile

available also as window and perforated profile

available also as window and grid profile

available also as window and grid as well as perforated profile

\* Available on request (with appropriate quantities)

profile type	1.1440	1.1460	1.1620	1.1630 N	1.1590	1.1540	1.1560
slats on 1 m height	14.5	10.3	11	10	9	16	10
thickness of slats [mm]	19	25	22	18	32	15	19
weight per m (m <sup>2</sup> ) at 1.0 mm	st. 0.98 (14.2) kg al. 0.34 (4.9) kg	st. 1.64 (16.9) kg al. 0.56 (5.77) kg	st. 1.24 (13.7) kg al. 0.43 (4.7) kg	st. 1.86 (18.6) kg (at 1.5 mm) al. 0.64 (6.4) kg (at 1.5 mm)	st. 1.62 (14.5) kg al. 0.56 (5.1) kg	st. 0.92 (14.7) kg al. 0.32 (5.1) kg	st. 1.37 (13.7) kg al. 0.47 (4.7) kg
smallest tube [mm]	89	159	133	133 (1,25)   159 (1,50)	159	89	159
fitting top- and bottom rails	1.1210   1.1240 1.1268   1.1288	1.1230   1.1278	1.1210   1.1240   1.1268	1.1240   1.1268	1.1220   1.1299	1.1210   1.1240   1.1288	1.1220   1.1278
galvanised steel max. door width <sup>2)</sup> [mm]	1.00 <sup>1)</sup>   1.25   1.50 7200   7700   8200	1.00 <sup>1)</sup>   1.25 <sup>1)</sup>   1.50 <sup>1)</sup>   2.00 <sup>1)</sup> 8400   9600   10500   12000	0.80 <sup>1)</sup>   1.00 <sup>1)</sup>   1.25 <sup>1)</sup>   1.50 6700   7300   8300   9200	1.25   1.50 6900   7600	1.00   1.25 9800   10800	1.00 <sup>1)</sup>   1.25 6200   7000	1.00   1.25   1.50 7000   7600   8200
aluminium max. door width <sup>2)</sup> [mm]	1.00 <sup>1)</sup>   1.25   1.50 5300   5700   6000	1.00   1.25   1.50   2.00 6000   6500   7500   8600	1.00 <sup>1)</sup>   1.25 <sup>1)</sup>   1.50 5300   5800   6500	1.25   1.50 5200   5600	1.00   1.25   1.50 7000   7800   8800	1.00 <sup>1)</sup>   1.25 4700   5200	1.00   1.25   1.50 5200   5600   6100
aluminium plastic coil coated	1.00   1.25	1.00   1.25	1.00   1.25	-	-	1.00	1.00   1.25
stainless steel	1.00	1.00	1.00	-	-	1.00	1.00

### Important information about the material types:

st. = steel; hot-dip galvanized strip material  
 al. = ALMg2Mn0,8 normally; also available as anodized slats or for subsequent anodizing  
 ss. = stainless steel 1.4301 2B  
 Powder coating is available in all RAL colors according to the card RAL 840 HR.  
 The weights are calculated values at material thickness of 1.0 mm with polystyrene filling. Weight may vary according DIN.  
 Profile types 1.1440, 1.1460, 1.1540 and 1.1620 (see <sup>1)</sup> identifier) can be used for reverse coiling (must be specified when ordering). A tube with a diameter of at least 159 mm should then be provided.

Reinforcement angles and/or reinforcement brackets are recommended for high wind loads or large door widths.

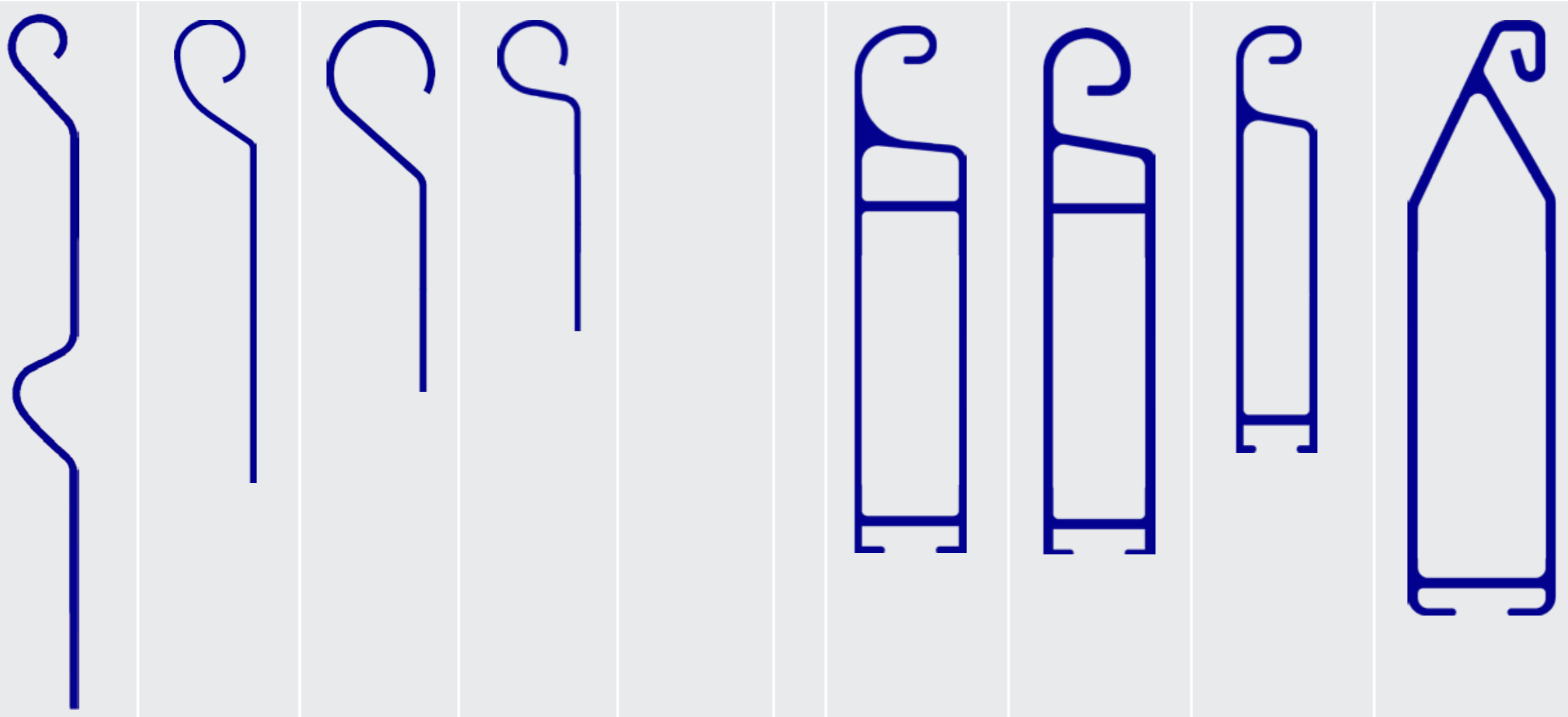
<sup>1)</sup> Can be used as reverse coiling profile (for conditions see text on the right).

<sup>2)</sup> The door widths specified here refer to roller shutter doors without storm hooks according to EN 12424 class 2 with rigid guide rails and only to our profiles. Values for wind class 3 on request.

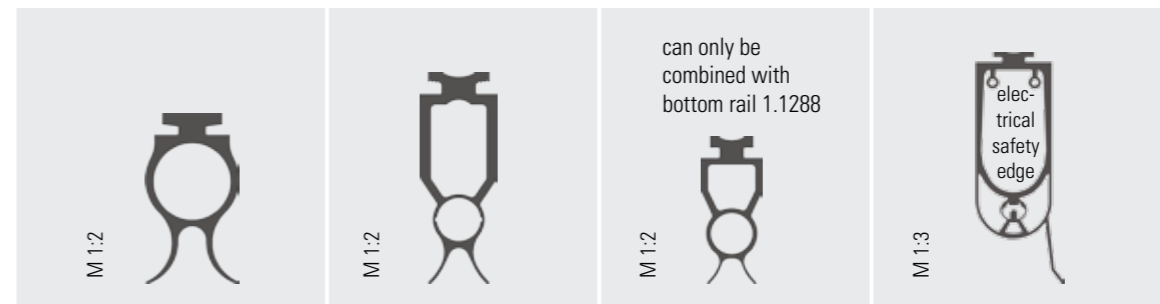
## Top Rails

## Bottom Rails and Rubber Bottom Seals

cross-sections, scale 1:1



profile	1.1210	1.1220	1.1230	1.1240		1.1268	1.1278	1.1288	1.1299
matches profile type(s)	1.1440 1.1540 1.1620 1.1630 N	1.1560 1.1590	1.1460	1.1440 1.1540 1.1620 1.1630 N		1.1440 1.1620 1.1630 N	1.1460 1.1560	1.1440 1.1540	1.1590
material thickness	1.25	1.25	1.5	1.25					
weight [kg/m]	al. 0.57   st. 1.65	al. 0.33   st. 0.95 ss. 0.95	al. 0.41   fv 1.2 ss. 1.2	al. 0.29   st. 0.84 ss. 0.84		al. 1.4	al. 1.4	al. 1.1	al. 1.8
stock lengths galvanized/bright	6000 mm	6000 mm	6000 mm	6000 mm		5000 mm   6000 mm 7200 mm   9000 mm 12000 mm	9000 mm   12000 mm	7000 mm	9000 mm
stock lengths in E6EV1	-	6000 mm	6000 mm	6000 mm		6000 mm   8000 mm	9500 mm   12000 mm	7000 mm	9000 mm
























**1.1789\***      **1.1791\***      **1.1792**      **ASO\***

can only be combined with bottom rail 1.1288

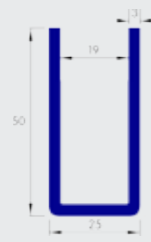
\*The rubber bottom seals 1.1789, 1.1791 and ASO made of EPDM can be combined with bottom rails 1.1268, 1.1278 and 1.1299

# Endlocks for Roller Shutter Door Profiles

	1.1440	1.1460	1.1620	1.1630 N		1.1590	1.1540	1.1560	
									
	<b>plastic endlock</b> min. width of slot: 25 mm lateral application: 15 mm 3 holes 5.2 Ø	<b>plastic endlock</b> min. width of slot: 34 mm lateral application: 18 mm 4 holes 5.2 Ø	<b>plastic endlock</b> min. width of slot: 26 mm lateral application: 18 mm 3 holes 5.2 Ø	<b>plastic endlock</b> min. width of slot: 26 mm lateral application: 13 mm 3 holes 4.2 Ø		<b>plastic endlock</b> min. width of slot: 36 mm lateral application: 13 mm 2 holes 5.0 Ø	<b>plastic endlock</b> min. width of slot: 17 mm lateral application: 9 mm 3 holes 5.2 Ø	<b>plastic endlock</b> min. width of slot: 28 mm lateral application: 13 mm 3 holes 4.5 Ø	
									
	<b>steel endlock, galvanized</b> min. width of slot: 22 mm lateral application: 9 mm 3 holes 5.2 Ø	<b>steel endlock, galvanized</b> min. width of slot: 30 mm lateral application: 11 mm 4 holes 5.2 Ø	<b>steel endlock, galvanized</b> min. width of slot: 24 mm lateral application: 10 mm 3 holes 5.2 Ø	<b>steel endlock, galvanized</b> min. width of slot: 26 mm lateral application: 10 mm 3 holes 4.2 Ø			<b>steel endlock, galvanized</b> min. width of slot: 17 mm lateral application: 9 mm 3 holes 4.2 Ø	<b>steel endlock, galvanized</b> min. width of slot: 28 mm lateral application: 10 mm 3 holes 4.2 Ø	
									
	<b>storm hook, galvanized</b> min. width of slot: 22 mm lateral application: 28 mm 3 holes 5.2 Ø	<b>storm hook, galvanized</b> min. width of slot: 30 mm lateral application: 31 mm 4 holes 5.2 Ø	<b>storm hook, galvanized</b> min. width of slot: 24 mm lateral application: 28 mm 3 holes 5.2 Ø	<b>storm hook, galvanized</b> min. width of slot: 26 mm lateral application: 26 mm 2 holes 6.8 Ø		<b>storm hook, galvanized</b> min. width of slot: 36 mm lateral application: 26 mm 2 holes 6.8 Ø		<b>storm hook, galvanized</b> min. width of slot: 28 mm lateral application: 26 mm 2 holes 6.8 Ø	
									
		<b>roller storm hook</b> 320 x 50 x 13 mm, roll diameter 35 Ø, height 48 mm lateral application: 60 mm 4 holes 7.0 Ø				<b>roller storm hook</b> 400 x 40 x 8 mm roll diameter 35 Ø, height 48 mm lateral application: 60 mm 4 holes 7.0 Ø			

# Guide Rails

from **1)** galvanized steel **2)** extruded aluminium **3)** stainless steel



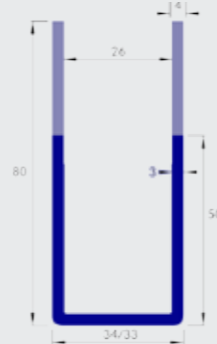
**1.1321 1) 3)**

dim.: 50 x 25 x 50 / 3.0 mm  
weight per meter: 2.8 kg  
stock length: 6200 mm



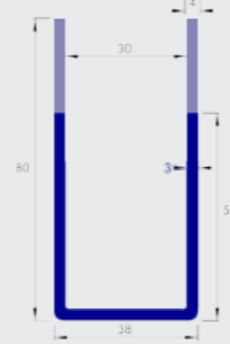
**1.1331 1) 3)**

dim.: 70 x 30 x 70 / 3.0 mm  
weight per meter: 3.8 kg  
stock length: 6200 mm



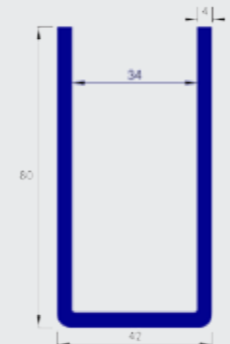
**1.1340 1) 3)**

dim.: 50 x 33 x 50 / 3.0 mm  
weight per meter: 3.0 kg  
stock length: 6200 mm



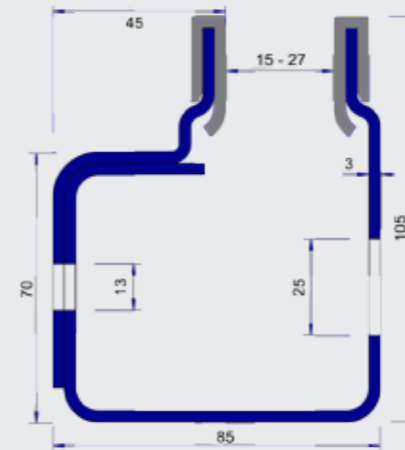
**1.1350 1) 3)**

dim.: 55 x 38 x 55 / 3.0 mm  
weight per meter: 3.25 kg  
stock length: 6200 mm



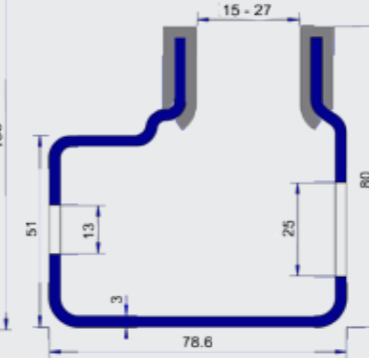
**1.1360 1) 3)**

dim.: 80 x 42 x 80 / 4.0 mm  
weight per meter: 5.9 kg  
stock length: 6200 mm



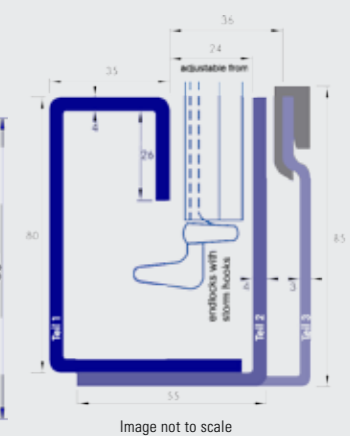
**1.1368 1)**

dim.: 105 x 85 x 105 / 3.0 mm  
weight per meter: 9.2 kg  
hole spacing: 600 mm  
stock length: 6000 mm



**1.1369 1)**

dim.: 80 x 78,60 x 80 / 3 mm  
weight per meter: 5.8 kg  
hole spacing: 600 mm  
stock lengths: 3600 mm,  
4200 mm | 4800 mm  
5400 mm | 6000 mm  
6600 mm



**1.1370 1)**

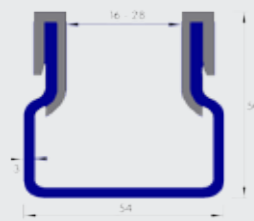
dim.: 80 x 55 x 80 x 35  
/ 4.0 / 3.0 mm  
weight per meter: 9.8 kg  
stock lengths: 4200 mm  
5200 mm | 6200 mm

**1.1341 1) 3)**

dim.: 80 x 34 x 80 / 4.0 mm  
weight per meter: 5.6 kg  
stock lengths: 4200 mm  
6200 mm  
(stainless steel: 6200 mm)

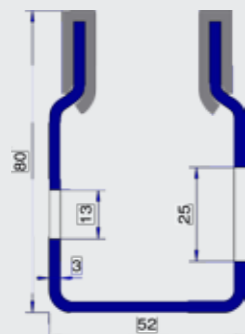
**1.1351 1) 3)**

dim.: 80 x 38 x 80 / 4.0 mm  
weight per meter: 5.6 kg  
stock lengths: 4200 mm  
6200 mm  
(stainless steel: 6200 mm)



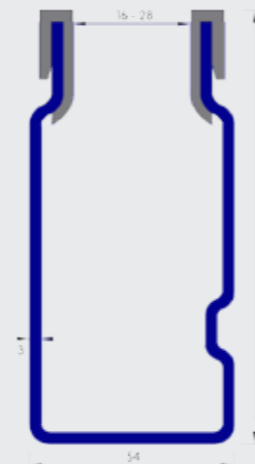
**1.1371-50 1)**

dim.: 50 x 54 x 50 / 3.0 mm  
weight per meter: 3.5 kg  
stock length: 6000 mm



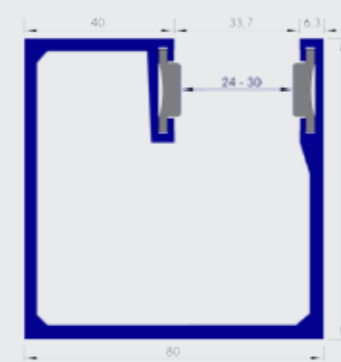
**1.1371-80 1) 3)**

dim.: 80 x 52 x 80 / 3.0 mm  
weight per meter: 4.7 kg  
hole spacing: 700 mm  
stock lengths: 3500 mm  
4000 mm | 4500 mm  
5000 mm | 6000 mm  
(stainless steel: 6000 mm)



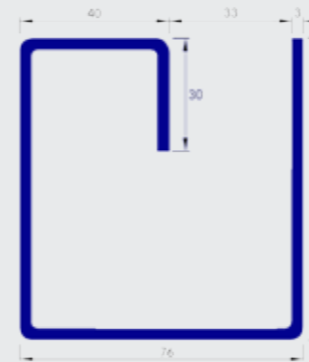
**1.1371-115 1)**

dim.: 115 x 54 x 115 / 3.0 mm  
weight per meter: 6.32 kg  
stock lengths: 6000 mm



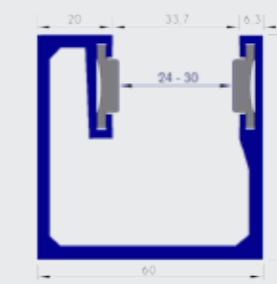
**1.1373 2)**

dim.: 80 x 80 x 80 x 40 mm  
weight per meter: 2.9 kg  
stock length: 6000 mm



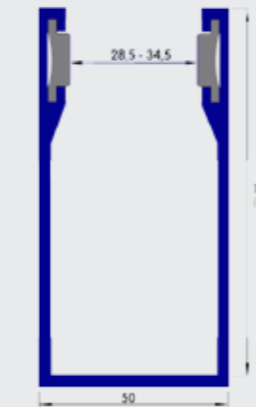
**1.1374 1)**

dim.: 80 x 76 x 80 x 40  
/ 3.0 mm  
weight per meter: 6.85 kg  
stock length: 5000 mm



**1.1377 2)**

dim.: 60 x 60 x 60 x 20 mm  
weight per meter: 2.12 kg  
stock length: 6000 mm






















**1.1379 2)**

dim.: 70 x 50 x 70 mm  
100 x 50 x 100 mm  
weight per meter: 1.50 kg (70)  
1.95 kg (100)  
stock length: 6000 mm

**1.1372 2)** (without holes)

dim.: 80 x 52 x 80 / 3.0 mm  
weight per meter: 1.95 kg  
stock lengths: 4000 mm  
6000 mm

# Accessories for Roller Shutter Door Profiles

profile type		1.1440			1.1460 <sup>1)</sup>			1.1620				1.1630 N			1.1590 <sup>1)</sup>		1.1540		1.1560				
fitting endlocks																							
		plastic	steel	storm hooks	plastic	steel	storm hooks	plastic	steel	storm hooks		plastic	steel	storm hooks	plastic	storm hooks	plastic	steel	plastic	steel	storm hooks		
fitting guide rails	1.1321	-	-	-	-	-	-	-	-	-		-	-	-	-	-	●	●	-	-	-		
	1.1331	-	●	-	-	-	-	-	●	-		-	-	-	-	-	-	-	-	-	-	-	
	1.1340	●	●	-	-	-	-	●	●	-		●	●	-	-	-	-	-	-	-	-	-	
	1.1341	●	●	-	-	-	-	●	●	-		●	●	-	-	-	-	-	-	-	-	-	
	1.1350	-	-	-	-	●	-	-	-	-		-	-	-	-	-	-	-	●	●	-	-	
	1.1351	-	-	-	-	●	-	-	-	-		-	-	-	-	-	-	-	●	●	-	-	
	1.1360	-	-	-	●	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	
	1.1368*	■	■	■	■	■	■	■	■	■		■	■	■	-	-	■	■	■	■	■	■	
	1.1369*	■	■	■	■	■	■ <sup>2)</sup>	■	■	■		■	■	■	-	-	■	■	■	■	■	■	
	1.1370	●	●	●	●	●	●	●	●	●		●	●	●	●	●	-	-	●	●	●	●	
	1.1371*	■	■	-	■ <sup>3)</sup>	■	-	■	■	-		■	■	-	-	-	■	■	■	■	-	-	
	1.1372*	■	■	-	■	■	-	■	■	-		■	■	-	-	-	■	■	■	■	-	-	
	1.1373*	■	■	-	■	■	-	■	■	-		■	■	-	-	-	■	■	■	■	-	-	
	1.1377*	■	■	-	-	-	-	■	■	-		■	■	-	-	-	■	■	■	■	-	-	
	1.1379*	-	-	-	■	■	-	■	■	-		■	■	-	■	-	-	-	■	■	-	-	
fitting top- and bottom rails	1.1210		●			-			●				-		-		●						
	1.1220		-			-			-				-		●		-			●			
	1.1230		-			●			-				-		-		-			-			
	1.1240		●			-			●				●		-		●			-			
	1.1268		●			-			●				●		-		-			-			
	1.1278		-			●			-				-		-		-			●			
	1.1288		●			-			-				-		-		●			-			
	1.1299		-			-			-				-		●		-			-			

\*with PVC in the combinations:

- = grey with grey
- = green with green
- = green with brown
- = red with red
- = black with black
- = black with grey

- <sup>1)</sup> roller storm hooks are available (with special guide rails only)
- <sup>2)</sup> only in combination with steel endlocks
- <sup>3)</sup> only 1.1371-80 or 1.1371-115

## C-Profiles

cross-sections, scale 1:2



### 2.7070 (1.1711)

dim.: 4.5 x 8 x 20 x 8 x 4.5  
 mat. thickness: 1.0 mm  
 weight per meter [kg]:  
 al. 0.1 | st. 0.32 | ss. 0.32  
 stock length: 6000 mm



### 2.7140

dim.: 9 x 23 x 32 x 23 x 9  
 mat. thickness: 2.50 mm  
 weight per meter: st. 1.63 kg  
 stock length: 6000 mm



### 2.7160

dim.: 6 x 32 x 52 x 32 x 16  
 mat. thickness: 3.0 mm  
 weight per meter: st. 3.09 kg  
 stock length: 6000 mm

## Reinforcement Angles

cross-sections, scale 1:2



### 1.1731

dim.: 40 x 60 / 3.0 mm  
 weight per meter: st. 2.3 kg  
 stock length: 6000 mm



### 1.1732

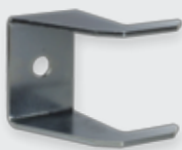
dim.: 55 x 85 / 4.0 mm  
 weight per meter: st. 4.2 kg  
 stock lengths: 4200 mm,  
 5200 mm, 6200 mm



### 1.1738

dim.: 40 x 60 / 3.0 mm  
 weight per meter: al. 1.1 kg  
 stock length: 6000 mm

## Reinforcement Brackets for Guide Rail 1.1369



reinforcement bracket, small



reinforcement bracket, big

installation example

