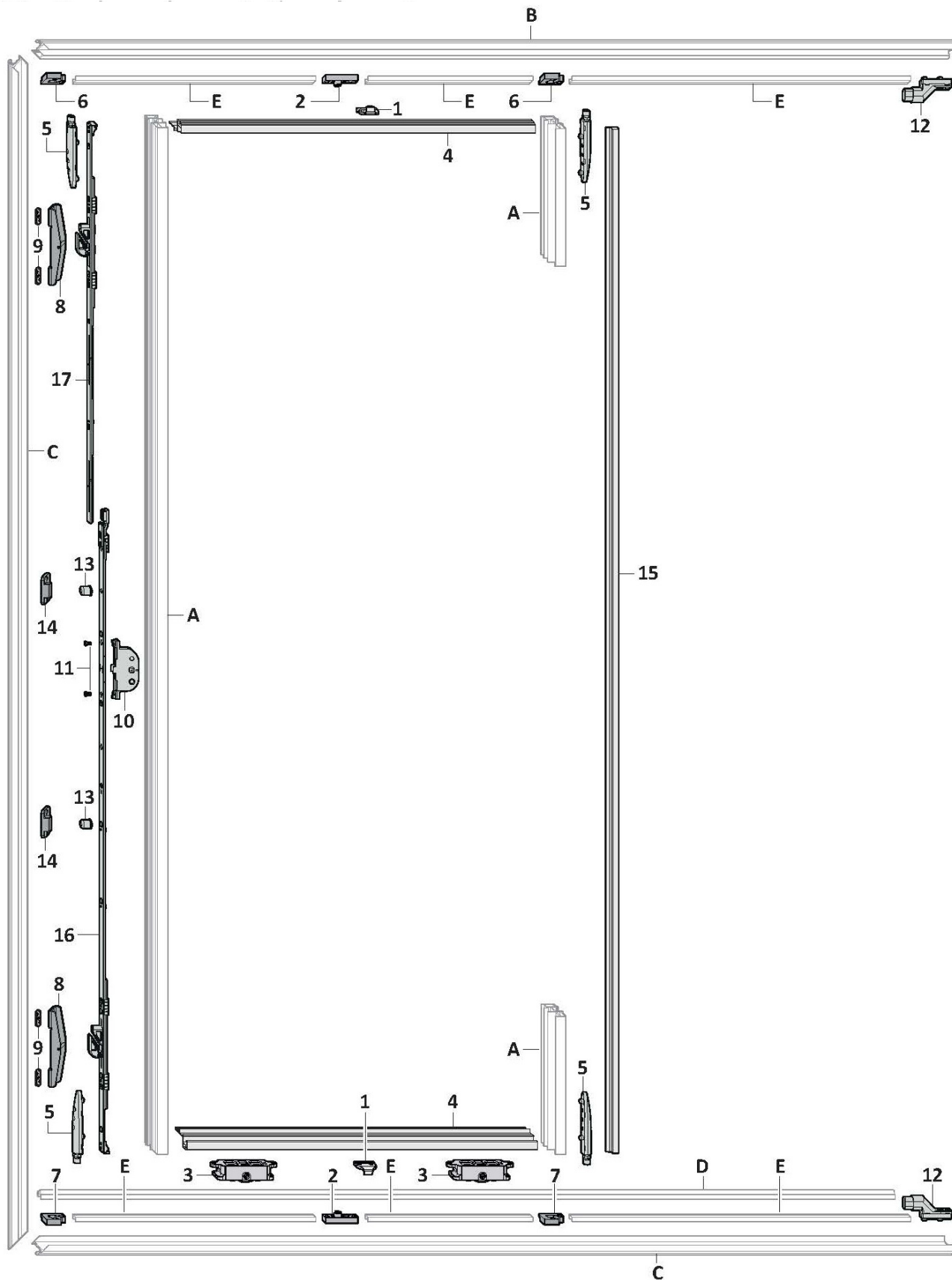



Aluplast Smart Slide

Product information






Up to 250kg sash weights, maximum sash size 2500mm high x 2500mm wide.



Aluplast Smart Slide - continued

Item	Pieces	Material designation			Material number
	1	Horizontal central lock ES	from FBS > 800		PZUN0150-10001_
1	2	Sash part MV horizontal ES aluplast			
2	2	Frame part ES MV horizontal			
3	2	Bogie wheels ES			PLWN0020-09901_
4	2	Adapter profile ES aluplast	Size	Length	
			150	1500	PPAN0010-50001_
5	2	Guiding element Z5			PFEN4000-10001_
6	2	Guide striker			PRFN0010-10001_
7	2	Guide striker holes			PRFN0020-10001_
8	2	Hook striker 3x2			PRHN0010-10001_
9	4	Packer hook striker ES			PUZN0020-X0006_
	1	Gear set 40 M5			PMSN0010-10001_
10	1	Gear box 40 M5			
11	2	Countersunk screw M4 x 11			
12	2	Stop			PABN0010-10001_
13	1-3	Locking bolt VS adjustable			PVBN0020-02301_
14	1-3	Striker locking side ES PR			PSTN0040-02301_
15	1	Central lock MP ES aluplast	Size	Length	
			230	2300	PPMN0010-52401_
16	1	Gear 25-55 A.D.	Size	Handle position	
			60- 80	300	PGKN0500-10001_
			80-100	400	PGKN0400-10001_
			100-120	500	PGKN0300-10001_
			120-200	500	PGKN1080-10001_
			170-250	1000	PGKN0250-10001_
17	1	Extension	Sizes		
			170-190	210-230	PGVN0010-10001_
			190-210	230-250	PGVN0020-10001_

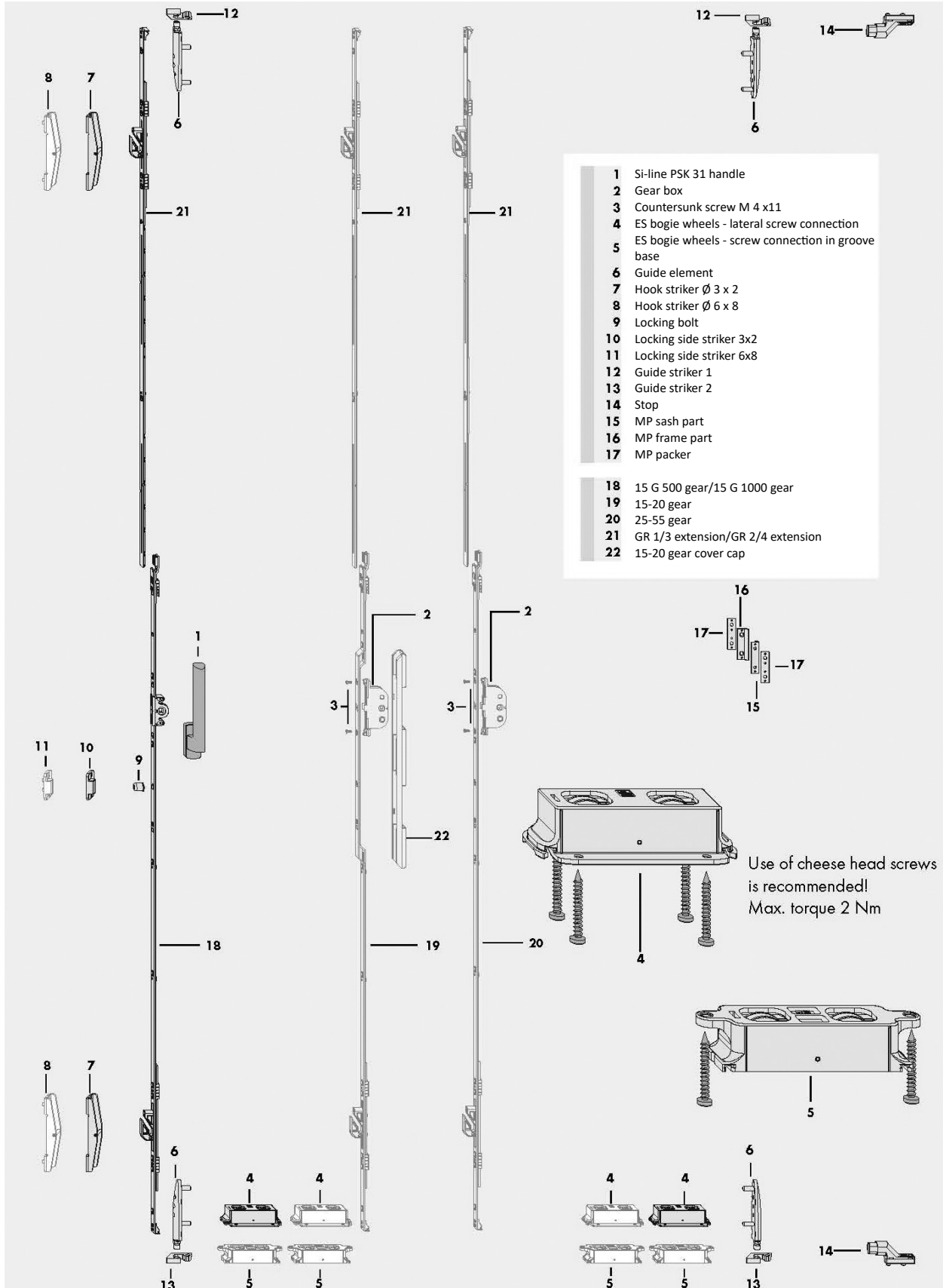
aluplast profiles

Item	Pieces	Material designation		aluplast number
A	3	Adapter profile Eurogroove		207282
B	1	Top guiding rail		207284
C	2	Striker packer running rail and adapter rail		207283
D	1	Running rail		207285
E	7	Adapter rail		207286

Siegenia Portal Eco Slide

Product information

Up to 250kg sash weights, maximum sash size 2500mm high x 2500mm wide.



Portal Eco Slide - continued

Item	Pcs.	Description	Material number				
General requirements	1	1	Si-line PSK 31 handle	See Handle Selection table below			
	1	1	Gear Set	Backset			
			25	25	TMSL0250-100050 ¹⁾		
			30	30	TMSL0300-100050		
			35	35	TMSL0350-100050		
			40	40	TMSL0400-100050		
			45	45	TMSL0450-100050		
			50	50	TMSL0500-100050		
	55	55	TMSL0550-100050				
	2	1	Gearbox				
	3	2	Countersunk screw M 4 x 11				
	4	2/4 ²⁾	ES bogie wheels - lateral screw connection	for elements with hardware recess at bottom	PLWN0010099040³⁾		
	ES bogie wheels - screw connection in groove base		for elements with fitting groove at bottom	PLWN0020099040			
	6	4	Guide element	PFEN0010-100050			
	7	2	Hook striker Ø 3 x 2	PRHN0010-100050			
	8		Hook striker Ø 6 x 8	PRHN0020-100050			
	9	1	Locking bolt	PVBN0010-023050			
10	1	Locking side striker 3x2	PSTN0010-023050				
11	1	Locking side striker 6x8	PSTN0020-023050				
12	2	Guide striker 1	PRFN0010-100050				
13	2	Guide striker 2	PRFN0020-100050				
14	2	Stop	PABN0010-100050				
15	1	MP sash part	PFMN0010-100050				
16	1	MP frame part	PRMN0010-100050				
17	2	MP packer	PUZN0010-023050				
depending on sash height	18	15 G 500 gear	Size	Handle height (mm)	Sash height (mm)	PGKN0040-100040	
		15 G 1000 gear	120-200	500	1200 to 2000	PGKN0050-100040	
	19	15-20 gear	170-250	1000	1700 to 2500	PGKN0150-100040	
		25-55 gear	170-250	1000	1700 to 2500	PGKN0250-100040	
	21	1	GR 1/3 extension	wit 15 G 500 gear		1200 to 1400	PGVN0010-100040
						1600 to 1800	
		wit 15 G 1000 gear		1700 to 1900			
				2100 to 2300			
	22	1	GR 2/4 extension	wit 15 G 500 gear		1400 to 1600	PGVN0020-100040
						1800 to 2000	
		wit 15 G 1000 gear		1900 to 2100			
				2300 to 2500			
22	1	15-20 gear cover cap				RAL 9005 jet black; PGZN0150-100040	

1) Material number xxxxxxxx-xxxx50 = packing unit: 50 pcs.

2) 2 pcs. for sliding sashes up to 150 kg, 4 pcs. for sliding sashes up to 250 kg max.

3) Material number xxxxxxxx-xxxx40 = packing unit: 25 pcs.

Portal Eco Slide - continued

Handle Selection

Item	Pcs.	Description	Colour	Material number	
				Packing unit 1 pc.	Packing unit 10 pcs.
1	1	Si-line PSK 31 handle Square spindle length 31.0 mm	RAL 9001 cremewhite	877425	264065
	1		RAL 9003 signal white	858264	247853
	1		RAL 8022 black brown	895634	306772
	1		EV 1 silver	872086	259030
	1		EV 2 champagne	858257	247846
No fig.	1	Si-line PSK ABS 31 handle <i>for internally locking elements</i> <i>Lockable</i> Square spindle length 31.0 mm	C 33 middle bronze	858288	247877
	1		F 9 aluminium/steel colours	PHIJO0105H4010	PHIJO0105H4020
	1		RAL 9001 cremewhite	PHIJO020-501010	PHIJO020-501020
	1		RAL 9003 signal white	858318	247907
	1		RAL 8022 black brown	895641	306789
1	1	Si-line PSK 45 handle Square spindle length 45.0 mm	EV 1 silver	872093	259047
	1		C 33 middle bronze	858332	247921
	1		RAL 9003 signal white	PHIJO040502010	PHIJO040502020
	1		RAL 8022 black brown	PHIJO040512010	PHIJO040512020
	1		EV 1 silver	PHIJO040524010	PHIJO040524020
No fig.	1	Si-line PSK ABS 45 handle <i>for internally locking elements</i> <i>Lockable</i> Square spindle length 45.0 mm	C 33 middle bronze	PHIJO040530010	PHIJO040530020
	1		RAL 9003 signal white	PHIJO050502010	PHIJO050502020
	1		RAL 8022 black brown	PHIJO050512010	PHIJO050512020
	1		EV 1 silver	PHIJO050524010	PHIJO050524020
	1		C 33 middle bronze	PHIJO050530010	PHIJO050530020