

■ Product range

Index	11
Profiles	
Outer frame profiles	13
Sash profiles	15
Additional profiles	19
Accessory profiles	21
Gaskets	
Medial gasket, exterior glazing gasket	23
Interior glazing gaskets	24
Gaskets in general	25
Compensation gaskets	26
Accessories	
Insulation insertion, thermal insulation	27
Connectors	28
Nails, screws	30
Glass carriers	33
Assembly angles	34
Hinges	35
Accessories in general	36
Accessories for sealing	37
Tools	
Drilling jigs	39
Sawing and milling jigs	42
Tools in general	45
Accessories fittings	47

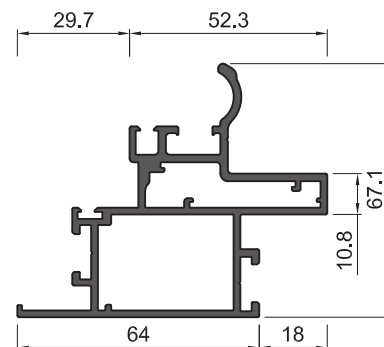
No.	Page	No.	Page	No.	Page	No.	Page
012097	31	220075	25	225042	21	229230	41
014021	46	220100	24	225043	21	229231	41
014022	46	220105	24	225208	36	229232	41
015004	45	220110	24	225530	21	229233	41
015005	45	220120	24	226264	36	229236	39
085101	45	220130	24	226265*	36	229237	39
166018	34	220320	24	226266*	36	229238	40
166020	34	220321	24	227006	22	230000	30
166021	34	220322	24	227010	26	230002	30
166022	34	220323	24	227015	26	230025	30
166028	34	220324	24	227020	26	242250	47
166030	34	220325	24	227025	26	242251	47
166031	34	220326	24	227030	26	242252	47
166032	34	220346	24	227032	26	242254	47
170300	46	220347	24	227090	36	242264	47
170301	46	220348	24	227147	37	242266	47
170302	46	220349	24	227148	37	242267	47
208400	13	220350	24	227460	27	293050	48
208401	13	220351	24	227460.E	27	293052	47
208402	14	220370	24	227940	27	293954	48
208403	13	220372	24	227941	27	293957	48
208404	14	220375	24	227942	27	293993	48
208410	15	220380	24	227943	27	293996	48
208411	15	220385	24	227944	27	294300	49
208412	15	220700.R	23	228040	45	294310	49
208413	16	220700.RT	23	228041	45	294311	49
208414	16	220700.RU	23	228200	46	294312	49
208415	17	220700.RUT	23	228343	39	294313	49
208416	17	220701.R	23	228413	39	294314	49
208417	17	220701.RT	23	229005	45	294316	49
208418	18	220702	25	229200	42	294317	49
219102	21	222972	28	229201	42	294320	35
219104	21	222976	28	229202	42	294321	35
219106	21	222977*	28	229203	42	880333	47
219108	21	222978	28	229204	42	880334	47
219122	21	222979	28	229205	42	902805	31
219214	36	222980	28	229206	42	904260	48
219215	36	222981	28	229207	43	906005	31
219216	36	222982	28	229208	43	906014	31
219220	19	222983	28	229209	43	906019	31
219221	19	222984*	28	229210	43	906023	31
219222	19	222985	28	229211	43	906024	31
219223	19	222986	28	229212	43	907551	32
219224	19	222990	29	229213	43	907555	32
219225	19	222991	29	229214	44	908008	31
219226	19	223222	29	229215	44	908051*	32
219227	20	223382	29	229216	44	908053	32
219228	22	225030	33	229217	44	910100	48
219229	20	225031	33	229220	39	915149	30
219230	20	225032	33	229221	39	952010	37
219231	20	225033	33	229222	39	952015	37
219232*	36	225034	33	229224	40	952020	38
219233	36	225035	33	229225	40	952023	38
219234	36	225036	33	229226	40		
219235*	36	225037	33	229227	40		
219236	36	225038	33	229228	40		
219237	36	225040	21	229228	41		
220070	25	225041	21	229229	40		

Outer frame profiles
100 RI

Article	Material	Surface	Surface area m	No.	PU	I_x eff cm ⁴	I_y cm ⁴
Outer frame 67/64/52	aluminium	mill finished	0.416	208400	6 m	19.729	24.113

■ Technical information

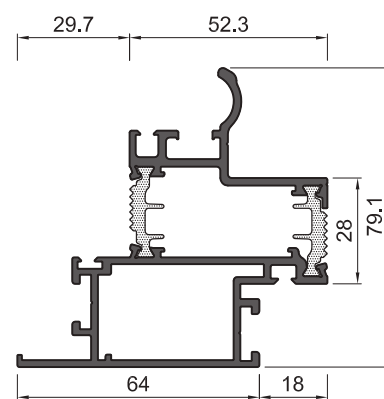
- For infill thickness from 11 to 28 mm.



Article	Material	Surface	Surface area m	No.	PU	I_x eff cm ⁴ ($l = 3.0$ m)	I_y cm ⁴
Outer frame 79/64/52	aluminium	mill finished	0.478	208401	6 m	25.410	34.311

■ Technical information

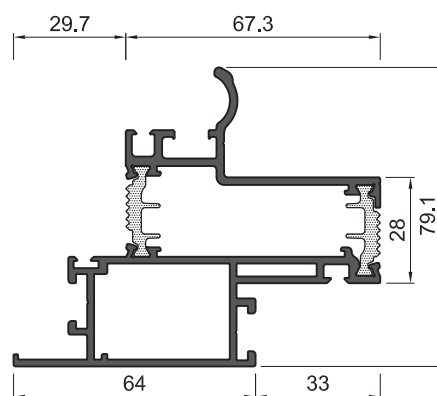
- Matching insulation insertion: no. 227941.
- For infill thickness from 28 to 48 mm.



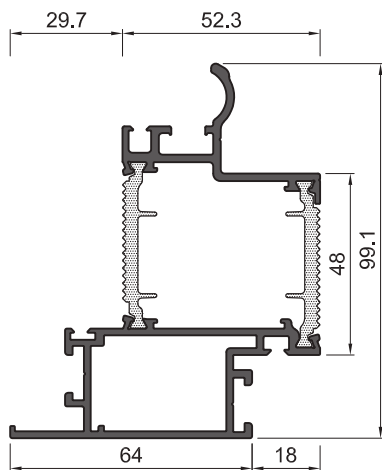
Article	Material	Surface	Surface area m	No.	PU	I_x eff cm ⁴ ($l = 3.0$ m)	I_y cm ⁴
Outer frame 79/64/64	aluminium	mill finished	0.506	208403	6 m	25.786	56.468

■ Technical information

- Matching insulation insertion: no. 227943.
- For infill thickness from 28 to 48 mm.



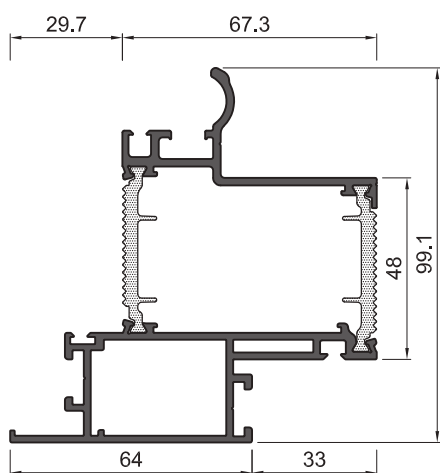
Outer frame profiles
120 RI



Article	Material	Surface	Surface area m	No.	PU	I_x eff cm ⁴ ($l = 3.0$ m)	I_y cm ⁴
Outer frame 99/64/52	aluminium	mill finished	0.529	208402	6 m	117.758	40.580

■ **Technical information**

- Matching insulation insertion: no. 227942.
- For infill thickness from 28 to 68 mm.



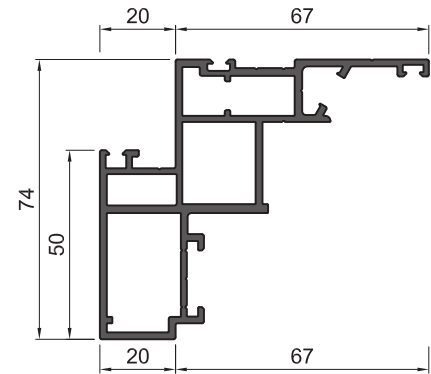
Article	Material	Surface	Surface area m	No.	PU	I_x eff cm ⁴ ($l = 3.0$ m)	I_y cm ⁴
Outer frame 99/64/64	aluminium	mill finished	0.561	208404	6 m	49.444	67.227

■ **Technical information**

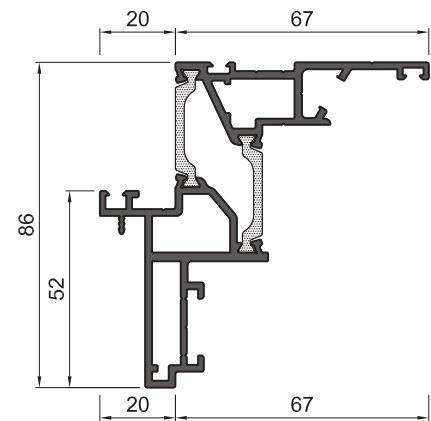
- Matching insulation insertion: no. 227944.
- For infill thickness from 48 to 68 mm.

Sash profiles
100 RI

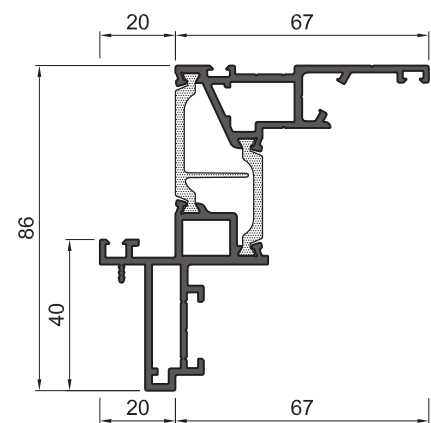
Article	Material	Surface	Surface area m	No.	PU
Sash profile 74/20/67	aluminium	mill finished	0.427	208410	6 m



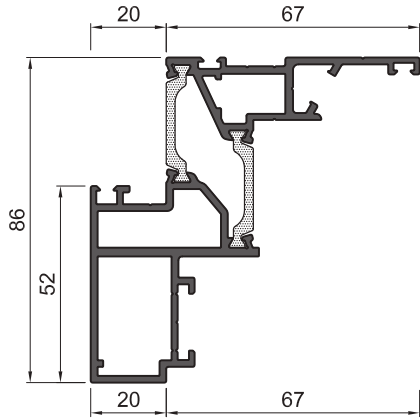
Article	Material	Surface	Surface area m	No.	PU
Sash profile 86/20/67	aluminium	mill finished	0.490	208411	6 m



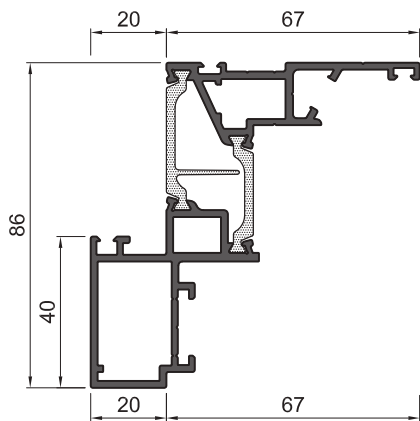
Article	Material	Surface	Surface area m	No.	PU
Sash profile 86/20/67	aluminium	mill finished	0.463	208412	6 m



Sash profiles
100 RI



Article	Material	Surface	Surface area m	No.	PU
Sash profile 86/20/67	aluminium	mill finished	0.453	208413	6 m



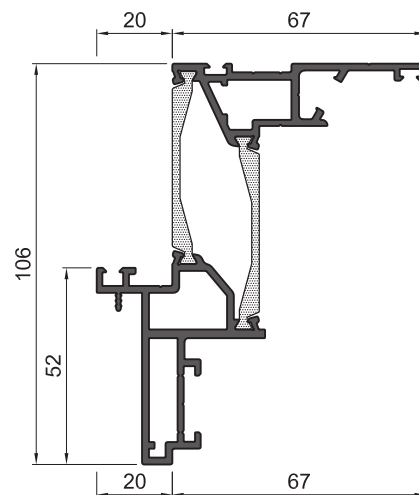
Article	Material	Surface	Surface area m	No.	PU
Sash profile 86/20/67	aluminium	mill finished	0.453	208414	6 m

Sash profiles
120 RI

Article	Material	Surface	Surface area m	No.	PU
Sash profile 67/45	aluminium	mill finished	0.503	208415	6 m

■ Technical information

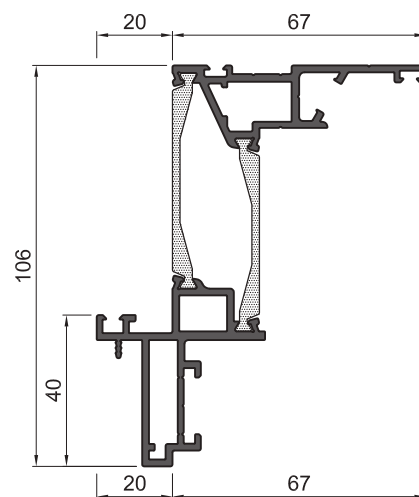
- Matching insulation insertion: no. 227940.



Article	Material	Surface	Surface area m	No.	PU
Sash profile 67/45	aluminium	mill finished	0.503	208416	6 m

■ Technical information

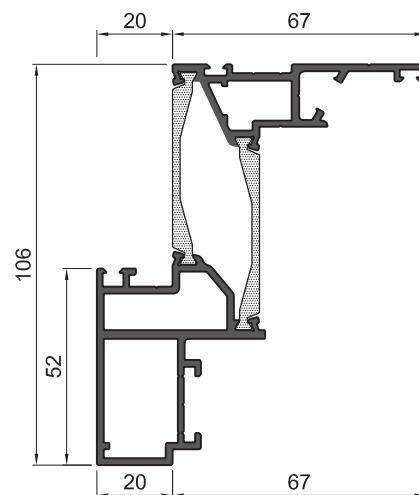
- Matching insulation insertion: no. 227940.



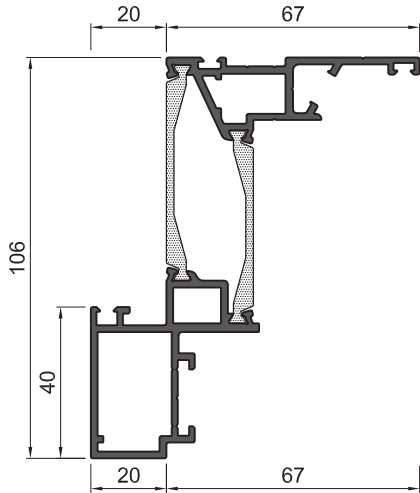
Article	Material	Surface	Surface area m	No.	PU
Sash profile 67/20	aluminium	mill finished	0.493	208417	6 m

■ Technical information

- Matching insulation insertion: no. 227940.



Sash profiles
120 RI



Article	Material	Surface	Surface area m	No.	PU
Sash profile 67/20	aluminium	mill finished	0.493	208418	6 m

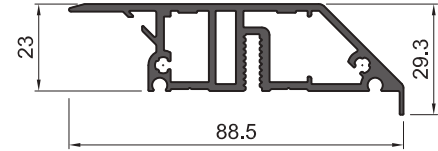
■ **Technical information**

- Matching insulation insertion: no. 227940.

Additional profiles
100 RI, 120 RI

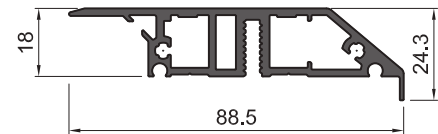
Article	Material	Surface	Surface area m	No.	PU
Cover profile 23	aluminium	mill finished	0.300	219220	6 m

- **Technical information**
 - For FRAME⁺ 100/120 RI.



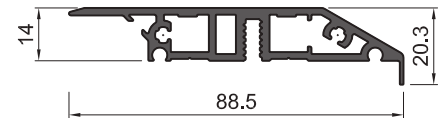
Article	Material	Surface	Surface area m	No.	PU
Cover profile 18	aluminium	mill finished	0.280	219221	6 m

- **Technical information**
 - For FRAME⁺ 100/120 RI.



Article	Material	Surface	Surface area m	No.	PU
Cover profile 14	aluminium	mill finished	0.259	219222	6 m

- **Technical information**
 - For FRAME⁺ 100/120 RI.



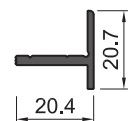
Article	Material	Surface	Surface area m	No.	PU
SG ETAG bead	aluminium	natural anodised E6/ETAG	0.069	219223	6 m

- **Technical information**
 - For FRAME⁺ 100/120 RI.



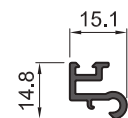
Article	Material	Surface	Surface area m	No.	PU
SG bead	aluminium	mill finished	0.082	219224	6 m

- **Technical information**
 - For FRAME⁺ 100/120 RI.



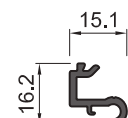
Article	Material	Surface	Surface area m	No.	PU
Compensation profile for cold rolled window profiles	aluminium	mill finished	0.092	219225	6 m

- **Technical information**
 - For FRAME⁺ 100/120 RI.

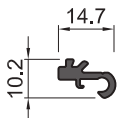


Article	Material	Surface	Surface area m	No.	PU
SG compensation profile	aluminium	mill finished	0.082	219226	6 m

- **Technical information**
 - For FRAME⁺ 100/120 RI.

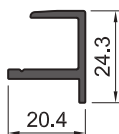


Additional profiles
100 RI, 120 RI



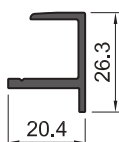
Article	Material	Surface	Surface area m	No.	PU
SG compensation profile	aluminium	mill finished	0.061	219227	6 m

- **Technical information**
 - For FRAME⁺ 100/120 RI.



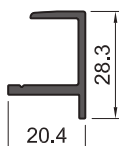
Article	Material	Surface	Surface area m	No.	PU
SG bar 6	aluminium	mill finished	0.113	219229	6 m

- **Technical information**
 - For FRAME⁺ 100/120 RI.
 - For 6 mm outer pane.



Article	Material	Surface	Surface area m	No.	PU
SG bar 8	aluminium	mill finished	0.117	219230	6 m

- **Technical information**
 - For FRAME⁺ 100/120 RI.
 - For 8 mm outer pane.

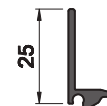


Article	Material	Surface	Surface area m	No.	PU
SG bar 10	aluminium	mill finished	0.121	219231	6 m

- **Technical information**
 - For FRAME⁺ 100/120 RI.
 - For 10 mm outer pane.

Accessory profiles
100 RI, 120 RI

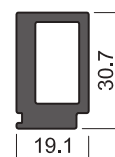
Article	Material	Surface	Surface area m	No.	PU
Connection profile 25	aluminium	mill finished	0.077	219102	6 m
Connection profile 35	aluminium	mill finished	0.086	219104	6 m
Connection profile 45	aluminium	mill finished	0.117	219106	6 m
Connection profile 55	aluminium	mill finished	0.138	219108	6 m
Connection profile 125	aluminium	mill finished	0.278	219122	6 m



■ Technical information

- For FRAME⁺ 65 W, 75 WI, 75 WB, 75 FF, 90 WI and 90 WB.
- For FRAME⁺ 100/120 RI.

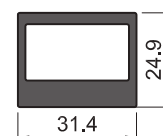
Article	Material	Surface	Surface area m	No.	PU
Insertion profile 31/19	aluminium	mill finished	0.100	225040	6 m



■ Technical information

- Used for : no. 208410, 208413, 208414, 208417, 208418.

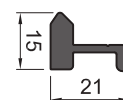
Article	Material	Surface	Surface area m	No.	PU
Insertion profile 25/31	aluminium	mill finished	0.110	225041	6 m



■ Technical information

- Used for : no. 208400, 208401, 208402, 208403, 208404.

Article	Material	Surface	Surface area m	No.	PU
Insertion profile 21/15	aluminium	mill finished	0.080	225042	6 m



■ Technical information

- Used for: no. 208400, 208401, 208402, 208403, 208404.

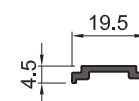
Article	Material	Surface	Surface area m	No.	PU
Insertion profile 27/7	aluminium	mill finished	0.067	225043	6 m



■ Technical information

- Used for : no. 208411, 208412, 208415, 208416.

Article	Material	Surface	Surface area m	No.	PU
Driving rod 20	aluminium	natural anodised E6/EV1	0.052	225530	6 m

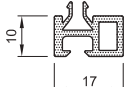


■ Technical information

- For FRAME⁺ 65 W, 75 WI, 75 WB, 75 FF, 90 WI, 90 WB, 100/120 RI.
- For sash profiles.

Accessory profiles

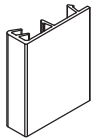
100 RI, 120 RI



Article	Material	Surface	No.	PU
Compensation profile 10	plastic material	black	227006	6 m

■ Technical information

- For curtain wall system THERM⁺ I and V (system V not in roof area).
- For system widths 50, 56 and 76 mm.
- For window systems FRAME⁺ 65 W, 75 WI, 75 WB, 75 WA, 90 WI, 90 WB.
- For insertion window WING 50 SK/50 A.
- For rooflight window FRAME⁺ 100/120 RI.
- For door system FRAME⁺ 75 DI.
- Accessories:
 - Compensation gasket no. 227010 to 227032.



Article	Material	Surface	No.	PU
Snap-on profile	plastic material	black	219228	100 pc(s)

■ Technical information

- For FRAME⁺ 100/120 RI.

Medial gaskets, exterior glazing gaskets
100 RI, 120 RI

Article	Material	Surface	No.
Corner vulcanisation for medial gasket	EPDM	black, sliding polymer	220701.R
Corner vulcanisation for medial gasket	EPDM	black, dry	220701.RT



- **Technical information**
 - For FRAME⁺ 100/120 RI.

Article	Material	Surface	No.
Corner vulcanisation for glazing gasket	EPDM	black, sliding polymer	220700.R
Corner vulcanisation for glazing gasket	EPDM	black, dry	220700.RT
Corner vulcanisation for glazing gasket U-frame	EPDM	black, sliding polymer	220700.RU
Corner vulcanisation for glazing gasket U frame	EPDM	black, dry	220700.RUT



- **Technical information**
 - For FRAME⁺ 100/120 RI.

Interior glazing gaskets
100 RI, 120 RI



Article	Material	Surface	No.	PU
Glazing gasket 3 to 4 F	EPDM	black, sliding polymer	220370	100 m
Glazing gasket 4 to 5 F	EPDM	black, sliding polymer	220372	100 m
Glazing gasket 5 to 6 F	EPDM	black, sliding polymer	220375	100 m
Glazing gasket 7 to 8 F	EPDM	black, sliding polymer	220380	100 m
Glazing gasket 9 to 10 F	EPDM	black, sliding polymer	220385	100 m

■ **Technical information**

- For FRAME⁺ 75 FF, 100/120 RI.



Article	Material	Surface	No.	PU
Interior glazing gasket 3 to 4	EPDM	black, sliding polymer	220100	100 m
Interior glazing gasket 4 to 5	EPDM	black, sliding polymer	220105	100 m
Interior glazing gasket 5 to 6	EPDM	black, sliding polymer	220110	100 m
Interior glazing gasket 7 to 8	EPDM	black, sliding polymer	220120	100 m
Interior glazing gasket 9 to 10	EPDM	black, sliding polymer	220130	100 m

■ **Technical information**

- For window systems FRAME⁺ 65 W, 75 WI, 75 WB, 75 WA, 90 WI and 90 WB.
- For rooflight window FRAME⁺ 100/120 RI.
- For integration window WING 50 SK/50 A.
- For door system FRAME⁺ 75 DI.



Article	Material	Surface	No.	PU
Interior gasket 3	EPDM	black, sliding polymer	220320	100 m
Interior gasket 4	EPDM	black, sliding polymer	220346	100 m
Interior gasket 5	EPDM	black, sliding polymer	220321	100 m
Interior gasket 6	EPDM	black, sliding polymer	220347	100 m
Interior gasket 7	EPDM	black, sliding polymer	220322	100 m
Interior gasket 8	EPDM	black, sliding polymer	220348	100 m
Interior gasket 9	EPDM	black, sliding polymer	220323	100 m
Interior gasket 10	EPDM	black, sliding polymer	220349	100 m
Interior gasket 11	EPDM	black, sliding polymer	220324	75 m
Interior gasket 12	EPDM	black, sliding polymer	220350	100 m
Interior gasket 13	EPDM	black, sliding polymer	220325	75 m
Interior gasket 14	EPDM	black, sliding polymer	220351	50 m
Interior gasket 15	EPDM	black, sliding polymer	220326	50 m

■ **Technical information**

- For THERM⁺ in case of interior compensation of infill thickness with no. 116005.
- For FRAME⁺ 65 W, 75 WI, 75 WB, 75 FF, 75 WA, 90 WI, 90 WB, 100/120 RI.
- For WING 50 SK/50 A.

Gaskets in general
100 RI, 120 RI

Article	Material	Surface	No.	PU
Stop gasket	EPDM	black, sliding polymer	220702	200 m



- **Technical information**
 - For FRAME⁺ 100/120 RI.

Article	Material	Surface	No.	PU
Rope 4	EPDM	black, dry	220070	200 m
Rope 4	EPDM	black, dry	220075	100 pc(s)



- **Technical information**
 - For fixation profile no. 014401.
 - Also recommended for WING or FRAME⁺ profiles.

Compensation gaskets
100 RI, 120 RI



Article	Material	Surface	No.	PU
Compensation gasket 2	EPDM	black, sliding polymer	227010	100 m
Compensation gasket 4	EPDM	black, sliding polymer	227015	100 m
Compensation gasket 6	EPDM	black, sliding polymer	227020	100 m
Compensation gasket 8	EPDM	black, sliding polymer	227025	100 m
Compensation gasket 10	EPDM	black, sliding polymer	227030	100 m

■ **Technical information**

- For the compensation of the infill thickness of THERM⁺.
- For FRAME⁺ 65 W, 75 WI, 75 WB, 75 WA, 90 WI, 90 WB, 100/120 RI.
- For WING 50 SK/50 A.



Article	Material	Surface	No.	PU
Compensation gasket 9	EPDM	black, sliding polymer	227032	100 m

■ **Technical information**

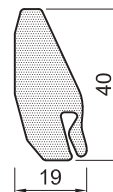
- For the compensation of the infill thickness of THERM⁺.
- For FRAME⁺ 65 W, 75 WI, 75 WB, 75 WA, 90 WI, 90 WB, 100/120 RI.
- For WING 50 SK/50 A.
- Gasket easy to tear off to 3/5/7 mm.

Insulation insertion, thermal insulation
100, 120 RI

Article	Material	Surface	No.	PU
Insulation insertion 19/40	polystyrene	-	227940	50 m

■ Technical information

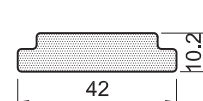
- Used for: no. 208415, 208416, 208417, 208418.



Article	Material	Surface	No.	PU
Insulation insertion 42/10	polystyrene	-	227941	50 m

■ Technical information

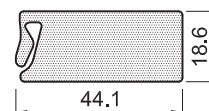
- Used for: no. 208401.



Article	Material	Surface	No.	PU
Insulation insertion 44/19	polystyrene	-	227942	50 m

■ Technical information

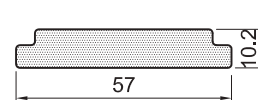
- Used for: no. 208402.



Article	Material	Surface	No.	PU
Insulation insertion 57/10	polystyrene	-	227943	50 m

■ Technical information

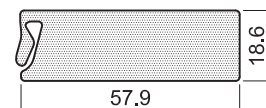
- Used for: no. 208403.



Article	Material	Surface	No.	PU
Insulation insertion 59/19	polystyrene	-	227944	50 m

■ Technical information

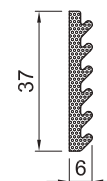
- Used for: no. 208404.



Article	Material	Surface	No.	PU
Insulating block for glazing rebate 7/50	polyethylene	-	227460	50 m
Insulating block for glazing rebate - corner 7/50	polyethylene	-	227460.E	40 pc(s)

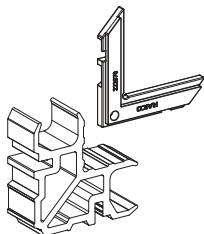
■ Technical information

- For sash profiles FRAME⁺ 90 WB and 90 WB-T.
- For sash profiles FRAME⁺ 100/120 RI and 100/120 RI-T.
- For sash overlapping profiles FRAME⁺ 75 DI.



Connectors

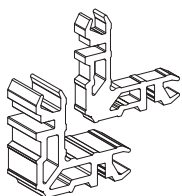
100, 120 RI



Article	No.	PU
Corner angle set outer frame	222972	4 pc(s)
Corner angle set outer frame	222981	40 pc(s)

■ Technical information

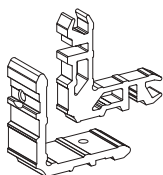
- For FRAME⁺ 100/120 RI no. 208400, 208401, 208402, 208403, 208404.
- One set consisting of:
 - 4x aluminium corner angle inner shell
 - 4x aluminium corner angle outer shell.



Article	No.	PU
Corner angle set sash	222976	4 pc(s)
Corner angle set sash	222982	40 pc(s)

■ Technical information

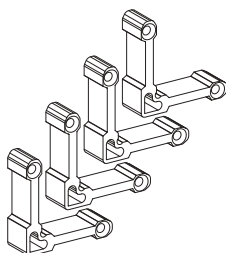
- For FRAME⁺ 100/120 RI no. 208410, 208413, 208414, 208417, 208418.
- One set consisting of:
 - 4x aluminium corner angle inner shell
 - 4x aluminium corner angle outer shell.



Article	No.	PU
Corner angle set sash	222980	4 pc(s)
Corner angle set sash	222983	40 pc(s)

■ Technical information

- For FRAME⁺ 100/120 RI no. 208411, 208412, 208415, 208416.
- One set consisting of:
 - 4x aluminium corner angle inner shell
 - 4x aluminium corner angle outer shell.



Article	No.	PU
Corner angle set cover profile 23	222977*	4 pc(s)
Corner angle set cover profile 23	222984*	40 pc(s)
Corner angle set cover profile 18	222978	4 pc(s)
Corner angle set cover profile 18	222985	40 pc(s)
Corner angle set cover profile 14	222979	4 pc(s)
Corner angle set cover profile 14	222986	40 pc(s)

■ Technical information

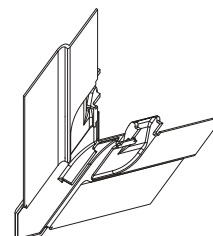
- For FRAME⁺ 100/120 RI.
- No. 219277, 219284 for cover profile no. 219220.
- No. 219278, 219285 for cover profile no. 219221.
- No. 219279, 219286 for cover profile no. 219222.
- One set consisting of:
 - 4x aluminium corner angle for cover profile and two corners.

Connectors
100, 120 RI

Article	Material	Surface	No.	PU
Corner insert frame outer shell	plastic material	black	222990	40 pc(s)

■ **Technical information**

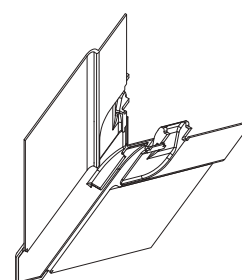
- For FRAME⁺ 100/120 RI no. 208400, 208401, 208402.
- 1 set consisting of:
 - 4x synthetic corner insert frame outer shell.



Article	Material	Surface	No.	PU
Corner insert frame outer shell	plastic material	black	222991	40 pc(s)

■ **Technical information**

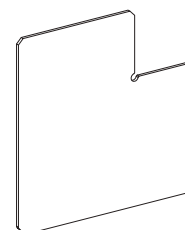
- For FRAME⁺ 100/120 RI no. 208403, 208404.
- 1 set consisting of:
 - 4x synthetic corner insert frame outer shell.



Article	Material	Surface	No.	PU
Chevron integration outer frame	aluminium	bright rolled	223222	40 pc(s)

■ **Technical information**

- For FRAME⁺ 100/120 RI no. 208403, 208404.



Article	Material	Surface	No.	PU
Chevron WB outer frame	stainless steel	bright rolled	223382	40 pc(s)

■ **Technical information**

- For outer frame FRAME⁺ 75 WB.
- For FRAME⁺ 100/120 RI no. 208400, 208401, 208402.



Nails
100, 120 RI



Article	Material	Surface	No.	PU
Nail Ø 5x10	aluminium	bare	230000	100 pc(s)



Article	Material	Surface	No.	PU
Nail Ø 5x13.5	aluminium	bare	230002	100 pc(s)



Article	Material	Surface	No.	PU
Nail Ø 5x8	aluminium	bare	230025	100 pc(s)



Article	Material	Surface	No.	PU
Blind rivet 3.0x8	stainless steel/ aluminium	bright rolled	915149	100 pc(s)

■ **Technical information**

- For drillings Ø 4.1 mm.
- Clamping area: 3 to 4.5 mm.

Screws
100, 120 RI

Article	Material	Surface	Drive	No.	PU
Pan head tapping screw 4.8x11	stainless steel V2A	polymer lubricated	TX T25	906005	100 pc(s)



■ **Technical information**

- For fixation of aluminium connection profile 26/4.5, no. 218734.

Article	Material	Surface	Drive	No.	PU
Pan head tapping screw 3.9x13	stainless steel V2A	bright rolled	TX T15	906014	100 pc(s)



Article	Material	Surface	Drive	No.	PU
Pan head tapping screw 3.5x6.5	stainless steel V2A	bright rolled	cross recess PH2	906019	100 pc(s)



Article	Material	Surface	Drive	No.	PU
Pan head tapping screw 4.2x7.5	stainless steel V2A	polymer lubricated	TX T20	906023	100 pc(s)



Article	Material	Surface	Drive	No.	PU
Pan head tapping screw 4.2x13	stainless steel V2A	polymer lubricated	TX T20	906024	100 pc(s)



Article	Material	Surface	Drive	No.	PU
Countersunk screw 4.2x13	stainless steel V4A	polymer lubricated	TX T20	908008	100 pc(s)



Article	Material	Surface	Drive	No.	PU
Countersunk sheet metal screw 5.5x20	stainless steel V4A	polymer lubricated	TX T25	902805	100 pc(s)



Article	Material	Surface	Drive	No.	PU
Flat fillister head screw 5.5x16	stainless steel V4A	polymer lubricated	hexagon socket S5	012097	100 pc(s)



■ **Technical information**

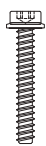
- With long coin point.

Screws

100, 120 RI



Article	Material	Surface	Drive	No.	PU
Special flat fillister head screw 4.8x28	stainless steel V2A	polymer lubricated	hexagon socket S5	908053	100 pc(s)



Article	Material	Surface	Drive	No.	PU
Special flat fillister head screw 4.8x32	stainless steel V2A	polymer lubricated	TX T25	908051*	100 pc(s)



Article	Material	Surface	Drive	No.	PU
Pan head wood screw 3.5x10	stainless steel V2A	bare	TX T10	907551	100 pc(s)

■ **Technical information**

- For the fixation of the wood cladding of FRAME⁺ 90 WB-T and 100/120 RI.



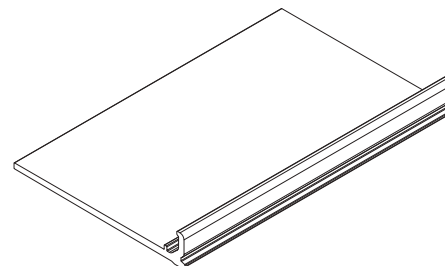
Article	Material	Surface	Drive	No.	PU
Pan head timber screw 3.5x19	stainless steel V2A	polymer lubricated	TX T10	907555	100 pc(s)

■ **Technical information**

- For the fixation of the wood cladding of FRAME⁺ 100/120 RI.

Glass carriers
100, 120 RI

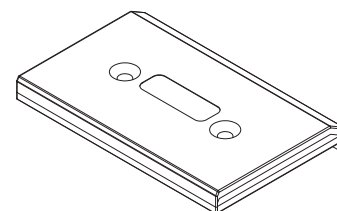
Article	Material	Surface	No.	PU
Glass carrier 34/100	aluminium	mill finished	225030	100 pc(s)
Glass carrier 44/100	aluminium	mill finished	225031	100 pc(s)
Glass carrier 56/100	aluminium	mill finished	225032	100 pc(s)
Glass carrier 64/100	aluminium	mill finished	225033	100 pc(s)
Glass carrier 76/100	aluminium	mill finished	225034	100 pc(s)



■ **Technical information**

- For FRAME⁺ 100/120 RI, standard insulating glass.
- No. 225030 suitable for no. 208410.
- No. 225031 suitable for no. 208411, 208413.
- No. 225032 suitable for no. 208412, 208414.
- No. 225033 suitable for no. 208415, 208417.
- No. 225034 suitable for no. 208416, 208418.

Article	Material	Surface	No.	PU
Glass carrier 32/100	polyamide	black	225035	100 pc(s)
Glass carrier 44/100	polyamide	black	225036	100 pc(s)
Glass carrier 52/100	polyamide	black	225037	100 pc(s)
Glass carrier 64/100	polyamide	black	225038	100 pc(s)

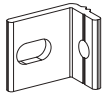


■ **Technical information**

- For FRAME⁺ 100/120 RI, step glazing one-sided/surround.
- No. 225035 suitable for no. 208411, 208413.
- No. 225036 suitable for no. 208412, 208414.
- No. 225037 suitable for no. 208415, 208417.
- No. 225038 suitable for no. 208416, 208418.

Assembly angles

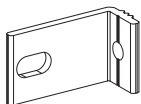
100, 120 RI



Article	Material	Surface	No.	PU
Assembly angle piece 23/14	aluminium	mill finished	166018	50 pc(s)
Assembly angle piece 23/18	aluminium	mill finished	166020	50 pc(s)
Assembly angle piece 23/26	aluminium	mill finished	166021	50 pc(s)
Assembly angle piece 23/30	aluminium	mill finished	166022	50 pc(s)

■ Technical information

- For THERM⁺ I and V series.
- For system width 50 and 56 mm.
- For the fixation of FRAME⁺ 90 WI/WB window systems in THERM⁺ curtain walls.
- For the fixation of FRAME⁺ 100/120 RI window systems in THERM⁺ curtain walls.
- Accessories:
 - No. 012097.



Article	Material	Surface	No.	PU
Assembly angle piece 35/14	aluminium	mill finished	166028	50 pc(s)
Assembly angle piece 35/18	aluminium	mill finished	166030	50 pc(s)
Assembly angle piece 35/26	aluminium	mill finished	166031	50 pc(s)
Assembly angle piece 35/30	aluminium	mill finished	166032	50 pc(s)

■ Technical information

- For THERM⁺ I and V series.
- For system width 76 mm.
- For the fixation of FRAME⁺ 90 WI/WB window systems in THERM⁺ curtain walls.
- For the fixation of FRAME⁺ 100/120 RI window systems in THERM⁺ curtain walls.
- Accessories:
 - No. 012097.

Window hinges
100, 120 RI

Article	Material	Surface	No.	PU
Turn, tilt, top hung hinge	aluminium	silver	294320	2 pc(s)



■ **Technical information**

- For FRAME⁺ 100/120 RI.
- Outward opening.
- For tilt, turn and top hung sashes.
- PU includes required fixing material.
- Surface: silver anodised.

Article	Material	Surface	No.	PU
Turn hinge	aluminium	silver	294321	2 pc(s)

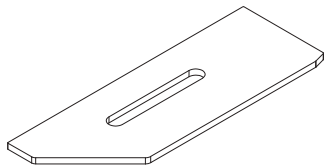


■ **Technical information**

- For FRAME⁺ 100/120 RI.
- Outward opening.
- For side hung sashes.
- PU includes required fixing material.
- Surface: silver anodised.

Accessories in general

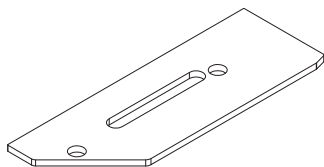
100, 120 RI



Article	Material	Surface	No.	PU
Sealing piece end plate for cover profile 23	EPDM cellular rubber	black with adhesive strip	219214	10 pc(s)
Sealing piece end plate for cover profile 18	EPDM cellular rubber	black with adhesive strip	219215	10 pc(s)
Sealing piece end plate for cover profile 14	EPDM cellular rubber	black with adhesive strip	219216	10 pc(s)

■ Technical information

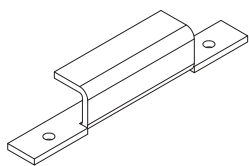
- For FRAME⁺ 100/120 RI.
- No. 219214 for end plate no. 219232 and 219235 and cover profile no. 219220.
- No. 219215 for end plate no. 219233 and 219236 and cover profile no. 219221.
- No. 219216 for end plate no. 219234 and 219237 and cover profile no. 219222.



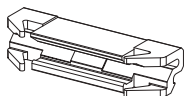
Article	Material	Surface	No.	PU
End plate for cover profile 23	aluminium	mill finished	219232*	2 pc(s)
End plate for cover profile 18	aluminium	mill finished	219233	2 pc(s)
End plate for cover profile 14	aluminium	mill finished	219234	2 pc(s)
End plate for cover profile 23	aluminium	RAL 9011	219235*	2 pc(s)
End plate for cover profile 18	aluminium	RAL 9011	219236	2 pc(s)
End plate for cover profile 14	aluminium	RAL 9011	219237	2 pc(s)

■ Technical information

- For FRAME⁺ 100/120 RI.
- No. 219232 and 219235 for cover profile no. 219220.
- No. 219233 and 219236 for cover profile no. 219221.
- No. 219234 and 219237 for cover profile no. 219222.



Article	Material	Surface	No.	PU
Suction disc 6	stainless steel V2A	RAL 9011	226264	10 pc(s)
Suction disc 8	stainless steel V2A	RAL 9011	226265*	10 pc(s)
Suction disc 10	stainless steel V2A	RAL 9011	226266*	10 pc(s)



Article	Material	Surface	No.	PU
Interior profile holder	plastic material	transparent	225208	1 pc(s)

■ Technical information

- For interior shell outer frame.



Article	Material	Surface	No.	PU
Glazing shim 10/2/100	silicone	black	227090	1 pc(s)

■ Technical information

- One-side adhesive.

Accessories for sealing
100, 120 RI

Article	Material	Surface	No.	PU
2K-PU-glue	two-component polyurethane	black	227147	6 pc(s)
2K-PU-glue	two-component polyurethane	white	227148	6 pc(s)



■ Technical information

- **Special adhesive for the gluing of corner brackets in metal construction and for gluing of window and door profiles.**
- Stable 2-component adhesive on a polyurethane basis.
- Excellent adhesion to metals, tensile strength, weatherproof, heat-resistant.
- Processing temperature from 5 °C.
- Application temperature: +15 °C to -25 °C.
- Application with pneumatic gun no. 228200.
- Double cartridges 2 x 300 ml with static mixer, mixing ratio 1:1.

Article	Material	Surface	No.	PU
Seam paste	-	grey	952010	1 pc(s)



■ Technical information

- **Sealant for the sealing e.g. of mitre cuts, butt joints of mullion/transom and sash bar connections.**
- 1-component moisture cross-linked silane polyether prepolymer.
- Elastic, UV-fast, weatherproof.
- Min. processing temperature from +10 °C.
- Application with hand-held squeeze gun no. 014022.
- Content: 150 g in 100 ml foil bag.

Article	Material	Surface	No.	PU
Sealing material D2	MS polymere	black	952015	1 pc(s)



■ Technical information

- **Sealing compound for the sealing of seams and joints of EPDM gaskets and synthetic parts.**
- On MS-polymer base.
- Black, pasty, odour-free.
- Resistant to UV light and weatherproof.
- Processing temperature: -5° C to +40° C.
- Operating temperature: -30° C to +80° C.
- Technical data sheet is to be observed!
- Content: 310 ml in nozzle cartridge.

Accessories for sealing

100, 120 RI



Article	Material	Surface	No.	PU
Special Silicon B1	silicone	black	952020	1 pc(s)

■ Technical information

- **Sealant for the sealing, caulking and gluing of EPDM and plastic parts.**
- Silicone sealant on the basis of a modified amine system.
- Black, pasty.
- UV, weather and ageing-resistant, flame resistant B1.
- Processing temperature: +5° C to +35° C.
- Operating temperature: -40° C to +180° C.
- Technical data sheet is to be observed!
- Content: 310 ml in nozzle cartridge.



Article	Material	Surface	No.	PU
Loctite 424	-	transparent	952023	1 pc(s)

■ Technical information

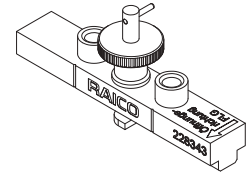
- **For gluing rubber, elastomers, plastics and materials that are difficult to glue.**
- 1-component ethyl cyano-acrylate.
- Transparent, low viscosity.
- Content: 20 g in a synthetic bottle.

Drilling jigs
100, 120 RI

Article	No.	PU
Drilling jig for RC driving pin	228343	1 pc(s)

■ Technical information

- Drilling jig for SEC locking set WK2/RC2 no. 293050.



Article	No.	PU
Drilling jig	228413	1 pc(s)
Drilling jig	229237	1 pc(s)

■ Technical information

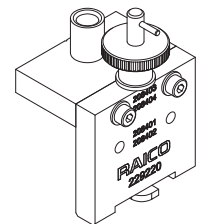
- No. 228413 can be used with
 - WING 105 DI for no. 208300.
 - FRAME⁺ 100/120 RI for no. 208413, 208414, 208417, 208418.
- No. 229237 can be used with FRAME⁺ 100/120 RI for no. 208411, 208412, 208415, 208416.
- For crank spindle drive.



Article	No.	PU
Drilling jig drainage outer frame	229220	1 pc(s)

■ Technical information

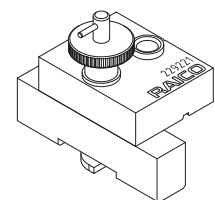
- Can be used with FRAME⁺ 100/120 RI for no. 208401, 208402, 208403, 208404.



Article	No.	PU
Drilling jig drainage sash	229221	1 pc(s)
Drilling jig drainage sash	229236	1 pc(s)

■ Technical information

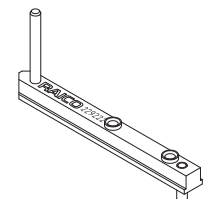
- No. 229221 can be used with FRAME⁺ 100/120 RI for no. 208410, 208411, 208412, 208413, 208414, 208415, 208416, 208417, 208418.
- No. 229236 can be used with FRAME⁺ 100/120 RI for no. 208411, 208413, 208415, 208417.



Article	No.	PU
Drilling jig for nail and glue holes outer frame inner shell	229222	1 pc(s)

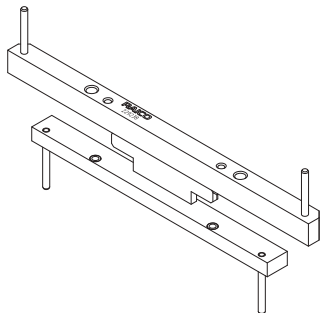
■ Technical information

- Can be used with FRAME⁺ 100/120 RI for no. 208400, 208401, 208402, 208403, 208404.



Drilling jigs

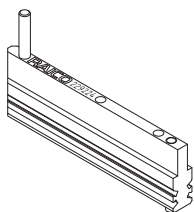
100, 120 RI



Article	No.	PU
Drilling jig for nail/drainage glue holes outer frame outer shell	229238	1 pc(s)

■ **Technical information**

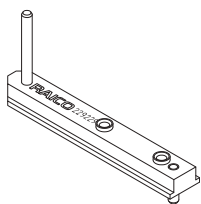
- Can be used with FRAME⁺ 100/120 RI for no. 208400, 208401, 208402, 208403, 208404.



Article	No.	PU
Drilling jig for nail and glue holes outer shell	229224	1 pc(s)

■ **Technical information**

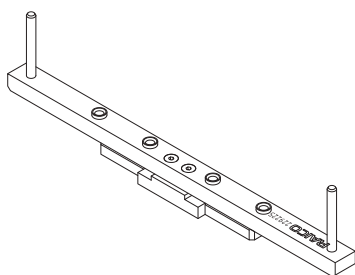
- Can be used with FRAME⁺ 100/120 RI for no. 208410, 208411, 208412, 208413, 208414, 208415, 208416, 208417, 208418.



Article	No.	PU
Drilling jig for nail and glue holes inner shell	229229	1 pc(s)

■ **Technical information**

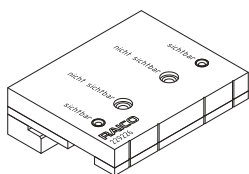
- Can be used with FRAME⁺ 100/120 RI for no. 208410, 208411, 208412, 208413, 208414, 208415, 208416, 208417, 208418.



Article	No.	PU
Drilling jig corner angle cover profile	229225	1 pc(s)

■ **Technical information**

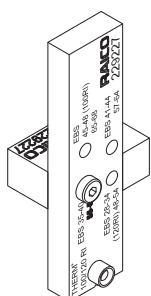
- Can be used with FRAME⁺ 100/120 RI for no. 219220, 219221, 219222.



Article	No.	PU
Drilling jig for cover profile with exterior screw connection	229226	1 pc(s)

■ **Technical information**

- Can be used with FRAME⁺ 100/120 RI for no. 219220, 219221, 219222.



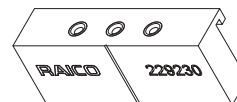
Article	No.	PU
Drilling jig assembly angle integration outer frame	229227	1 pc(s)

■ **Technical information**

- Can be used with FRAME⁺ 100/120 RI for no. 208401, 208402, 208403, 208404.

Drilling jigs 100, 120 RI

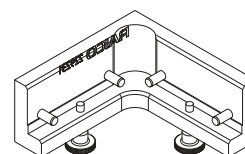
Article	No.	PU
Drilling jig for fixation timber rail in outer frame	229230	1 pc(s)



■ Technical information

- Can be used with FRAME⁺ 100/120 RI for no. 208400, 208401, 208402, 208403, 208404.

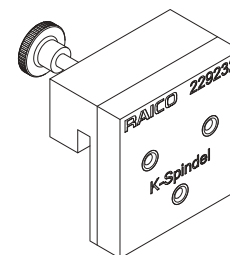
Article	No.	PU
Positioning aid for step glass	229231	1 pc(s)



■ Technical information

- Can be used with FRAME⁺ 100/120 RI for no. 208410, 208411, 208412, 208413, 208414, 208415, 208416, 208417, 208418.

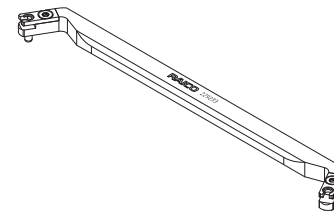
Article	No.	PU
Drilling jig for spindle drive	229232	1 pc(s)



■ Technical information

- Can be used with FRAME⁺ 100/120 RI for no. 208400, 208401, 208402, 208403, 208404.

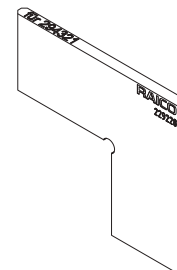
Article	No.	PU
Assembly aid hinge bolt	229233	1 pc(s)



■ Technical information

- For the assembly and disassembly of the hinge bolts.
- Can be used with FRAME⁺ 100/120 RI for no. 294320, 294321.

Article	No.	PU
Positioning aid for hinges	229228	1 pc(s)

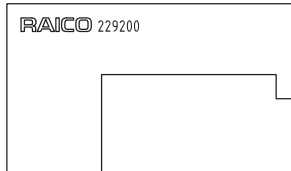


■ Technical information

- Can be used with FRAME⁺ 100/120 RI for no. 294320, 294321.

Sawing and milling jigs

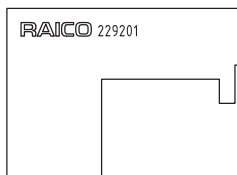
100, 120 RI



Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229200	2 pc(s)

■ **Technical information**

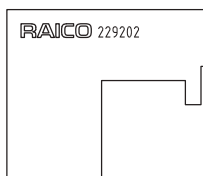
- Can be used with FRAME⁺ 100/120 RI for no. 208415, 208416, 208417, 208418.



Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229201	2 pc(s)

■ **Technical information**

- Can be used with FRAME⁺ 100/120 RI for no. 208411, 208412, 208413, 208414.



Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229202	2 pc(s)

■ **Technical information**

- Can be used with FRAME⁺ 100/120 RI for no. 208410.



Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229203	2 pc(s)

■ **Technical information**

- Can be used with FRAME⁺ 100/120 RI for no. 208416, 208418.



Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229204	2 pc(s)

■ **Technical information**

- Can be used with FRAME⁺ 100/120 RI for no. 208415, 208417.



Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229205	2 pc(s)

■ **Technical information**

- Can be used with FRAME⁺ 100/120 RI for no. 208412, 208414.



Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229206	2 pc(s)

■ **Technical information**

- Can be used with FRAME⁺ 100/120 RI for no. 208411, 208413.

Sawing and milling jigs
100, 120 RI

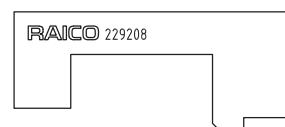
Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229207	2 pc(s)



■ Technical information

- Can be used with FRAME⁺ 100/120 RI for no. 208410.

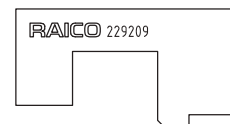
Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229208	2 pc(s)



■ Technical information

- Can be used with FRAME⁺ 100/120 RI for no. 208402.

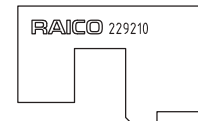
Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229209	2 pc(s)



■ Technical information

- Can be used with FRAME⁺ 100/120 RI for no. 208401.

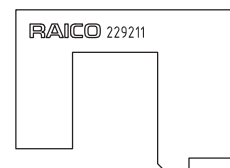
Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229210	2 pc(s)



■ Technical information

- Can be used with FRAME⁺ 100/120 RI for no. 208400.

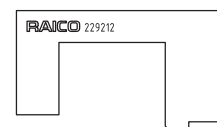
Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229211	2 pc(s)



■ Technical information

- Can be used with FRAME⁺ 100/120 RI for no. 208403.

Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229212	2 pc(s)



■ Technical information

- Can be used with FRAME⁺ 100/120 RI for no. 208404.

Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229213	2 pc(s)

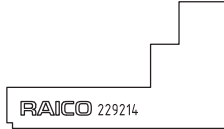


■ Technical information

- Can be used with FRAME⁺ 100/120 RI for no. 208402, 208404.

Sawing and milling jigs

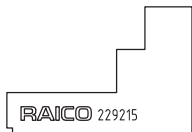
100, 120 RI



Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229214	2 pc(s)

■ **Technical information**

- Can be used with FRAME⁺ 100/120 RI for no. 208401, 208403.



Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229215	2 pc(s)

■ **Technical information**

- Can be used with FRAME⁺ 100/120 RI for no. 208400.



Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229216	2 pc(s)

■ **Technical information**

- Can be used with FRAME⁺ 100/120 RI for no. 208411, 208412, 208415, 208416.



Article	Material	Surface	No.	PU
Sawing and milling jig	plastic material	white	229217	2 pc(s)

■ **Technical information**

- Can be used with FRAME⁺ 100/120 RI for no. 219224, 219229, 219230, 290231.

Tools in general
100, 120 RI

Article	No.	PU
Tool box empty	085101	1 pc(s)



Article	No.	PU
Nailing mandrill	228040	1 pc(s)



■ **Technical information**

- For hammering in the aluminium nails.

Article	No.	PU
Nailing mandrill for machines	228041	1 pc(s)



Article	No.	PU
Mitre friction stay	229005	1 pc(s)



Article	No.	PU
Gasket friction stay 90°	015005	1 pc(s)



■ **Technical information**

- For gaskets up to system width 56 mm.
- For gaskets up to 56 mm width.

Article	No.	PU
Gasket friction stay 45° to 90°	015004	1 pc(s)



■ **Technical information**

- For gaskets up to system width 56 mm.
- For gaskets up to 56 mm width.
- Adjustable from 45° to 90°

Tools in general

100, 120 RI



Article	No.	PU
Hand held squeeze gun	014021	1 pc(s)

■ **Technical information**

- No. 014021 for the connection of no. 014015 for tubular bags 600 ml.



Article	No.	PU
Hand held squeeze gun	014022	1 pc(s)

■ **Technical information**

- No. 014022 for the connection of no. 952010 for tubular bags 80/100 ml.



Article	No.	PU
Pneumatic gun	228200	1 pc(s)

■ **Technical information**

- For double cartridges no. 227147 and 227148.



Article	No.	PU
Gasket roller	170300	1 pc(s)

■ **Technical information**

- For interior and exterior gaskets.



Article	No.	PU
Double gasket roller	170301	1 pc(s)

■ **Technical information**

- For interior and exterior gaskets.



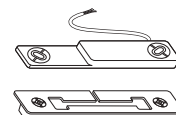
Article	No.	PU
Gasket tool HD	170302	1 pc(s)

■ **Technical information**

- For half gaskets.

Accessories
100, 120 RI

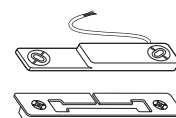
Article	No.	PU
CL contact unit VdS B 10m	242250	1 pc(s)
CL contact unit VdS B LSN 6m	242251	1 pc(s)
CL contact unit VdS C 10m	242252	1 pc(s)



■ **Technical information**

- No. 242250 and 242254: VdS B, 10 m BUS-able.
- No. 242251: VdS B LSN, 6 m BUS-able.
- No. 242252: VdS C, 10 m BUS-able.

Article	No.	PU
MTS contact unit 10 m	242254	1 pc(s)



■ **Technical information**

- BUS-able.

Article	No.	PU
Opening sensor additions 105 DI/FRAME ⁺	242264	1 pc(s)
Opening sensor additions 105 DI/FRAME ⁺	242266	1 pc(s)
Opening sensor additions	242267	1 pc(s)



■ **Technical information**

- No. 242264: opening monitoring.
- No. 242266: opening and locking monitoring with adhesive magnet.
- No. 242267: opening and locking monitoring with plug-in magnet.

Article	No.	PU
Mini cable transition concealed	880333	1 pc(s)
Detachable miniature cable transition covered	880334	1 pc(s)



Article	No.	PU
Stop wedge	293052	10 pc(s)



Accessories
100, 120 RI



Article	No.	PU
Additional locking	293954	10 pc(s)



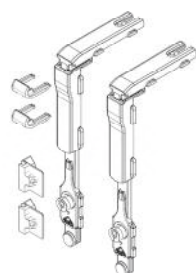
Article	No.	PU
Driving pin	293993	100 pc(s)



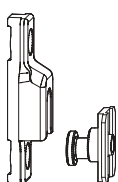
Article	No.	PU
Open contact plug-in type	293996	10 pc(s)

■ **Technical information**

- Can be used as driver for locking drives.



Article	No.	PU
Corner drive with locking	293957	10 pc(s)



Article	No.	PU
SEC locking set WK2/RC2	293050	10 pc(s)

■ **Technical information**

- One set consisting of:
 - 1x safety locking piece
 - 1x safety locking cam.
- Accessories:
 - Countersunk screw M5x20, no. 904260
 - Countersunk head blind rivet nut M5x13, no. 910100.



Article	Material	Surface	Drive	No.	PU
Countersunk screw M5x20	stainless steel V2A	bright rolled	TX T25	904260	100 pc(s)



Article	Material	Surface	Drive	No.	PU
Countersunk head blind rivet nut M5x13	stainless steel V2A	-	-	910100	100 pc(s)

Accessories
100, 120 RI

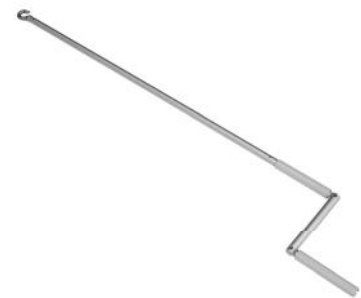
Article	No.	PU
Spindle drive	294300	1 pc(s)



■ **Technical information**

- Maximum glass weight 60 kg.
- Lifting height 310 mm.

Article	No.	PU
Articulated driving rod 1000	294310	1 pc(s)
Articulated driving rod 1500	294311	1 pc(s)
Articulated driving rod 2000	294312	1 pc(s)
Articulated driving rod 2500	294313	1 pc(s)
Articulated driving rod 3000	294314	1 pc(s)



Article	Material	Surface	No.	PU
Assembly accessories spindle drive	–	natural anodised E6/EV1	294316	1 pc(s)
Assembly accessories spindle drive	–	natural anodised E6/EV1	294317	1 pc(s)



■ **Technical information**

- No. 294316 for FRAME⁺ 100/120 RI.
- No. 294317 for FRAME⁺ 100/120 RI-T.
- PU includes required screws.

