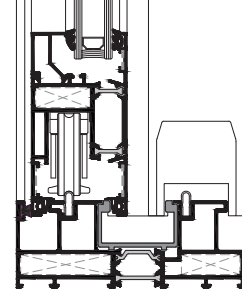


ST12000

KALDIR SÜR SİSTEMİ
LIFT & SLIDE SYSTEM





TEKNİK ÖZELLİKLER / TECHNICAL PROPERTIES

KASA DERİNLİĞİ / FRAME DEPTH	120,5mm
KANAT DERİNLİĞİ / VENT DEPTH	50,6mm
PROFİL ET KALINLIĞI / PROFILE WALL THICKNESS	1,6 / 2 / 3mm
MAX. CAM KALINLIĞI / MAX. GLASS THICKNESS	34mm
ISI BARIYERLERİ / THERMAL INSULATION BAR	24-14,8mm

KULLANIM SEÇENEKLERİ / APPLICATION ALTERNATIVES

	KAPI DOOR	PENCERE WINDOW
KALDIR SÜR / LIFT & SLIDE	•	•
BASİT SÜRME / SLIDING	•	•
45° KANAT BİRLEŞİMİ / 45° VENT COMBINATION	•	•
CAM ÇITALI KANAT / VENT WITH GLAZING BEAD	•	•
MONO RAYLI KASA / MONO RAILED FRAME	•	•
3 RAYLI KASA / THREE RAILED FRAME	•	•
SABİT KASA / FIXED FRAME	•	•

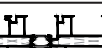
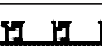
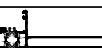
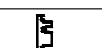
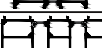
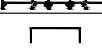
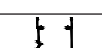
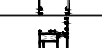
PERFORMANS DEĞERLERİ / PERFORMANCE VALUES

HAVA GEÇİRGENLİĞİ - EN 12207 (AIR PERMEABILITY)	1 (150 Pa)	2 (300 Pa)	3 (450 Pa)	4 (600 Pa)						
SU SIZDIRMAZLIĞI - EN 12208 (WATERTIGHTNESS)	2A (50 Pa)	3A (100 Pa)	4A (150 Pa)	5A (200 Pa)	6A (250 Pa)	7A (300 Pa)	8A (450 Pa)	9A (600 Pa)	E... (600+ Pa)	E1200 (1200 Pa)
RÜZGAR YÜKÜNE DAYANIM - EN 12210 (RESISTANCE TO WIND LOAD)	1 (400 Pa)	2 (800 Pa)	3 (1200 Pa)	4 (1600 Pa)	5 (2000 Pa)	E... (2000+ Pa)				
SEHİM KRİTERİ - EN 12210 (DEFLECTION CRITERIA)	A (L/150)	B (L/200)	C (L/300)							
SİSTEM UF DEĞERİ - EN 10077-2 (THERMAL INSULATION VALUE)									2,80~4.00 W/m²K	
SİSTEM SES YALITIMI - EN 10140 - 2 (ACOUSTIC PERFORMANCE VALUE)									30 dB	

PROFILLER PROFILES

PROFİLLER

PROFILES

NO #	PROFİL RESMİ PROFILE PICTURE	SİSTEM KODU SYSTEM CODE	PROFİL NO PROFILE NO	AÇIKLAMA DESCRIPTION	AĞIRLIK (kg/m) WEIGHT (kg/m)	SAYFA NO PAGE NO
1		ST12001	P14000 P14001	Kasa Profili Frame Profile	2.526	167
2		ST12044	P14057 P14001	Pervazlı Kasa Profili Frame Profile	2.649	167
3		ST12002	P14002 P14003	Kasa Profili Frame Profile	2.146	168
4		ST12047	P14059 P14003	Pervazlı Kasa Profili Frame Profile	2.275	168
5		ST12003	P14052 P14004 P14005	Kasa Profili Frame Profile	2.663	169
6		ST12050	P14052 P14064 P14065	Pervazlı Kasa Profili Frame Profile	2.429	169
7		ST12004	P13002 P14006	Kasa Profili Frame Profile	1.862	169
8		ST12005	P14000 P14007 P14001	Kasa Profili Frame Profile	3.698	170
9		ST12037	P14000 P14047	Kasa Profili Frame Profile	3.460	170
10		ST12006	P14008	Kasa Profili Frame Profile	4.627	171
11		ST12041	P14056	Kasa Profili Frame Profile	2.627	171
12		ST12042	P13002 P14053	Kasa Profili Frame Profile	1.927	172
13		ST12053	P13002 P14069	Kasa Profili Frame Profile	1.926	172
14		ST12045	P13002 P14060	Kasa Profili Frame Profile	2.430	172
15		ST12055	P14071 P14005	Kasa Profili Frame Profile	1.873	173
16		ST12057	P14073 P14074 P14005	Kasa Profili Frame Profile	2.783	173
17		ST12026	P14035	Kenet Profili Connection Profile	1.353	174
18		ST12056	P13002 P14060	Orta Kayıt Profili Mullion Connection Profile	1.965	174
19		ST12007	P14009 P14010	Drenaj Kasası Profili Drainage Frame Profile	3.736	175
20		ST12008	P14009 P14011 P14010	Drenaj Kasası Profili Drainage Frame Profile	5.560	175
21		ST12009	P14012	Drenaj Adaptör Profili Drainage Adapter Profile	0.361	176
22		ST12010	P14013	Kanat Profili Vent Profile	1.752	176
23		ST12011	P14014 P14015	Kanat Profili Vent Profile	1.948	177
24		ST12036	P14045 P14046	Takviyeli Kanat Profili Reinforced Vent Profile	2.132	177
25		ST12012	P14016 P14015	Orta Kayıt Profili Mullion Connection Profile	2.530	177
26		ST12013	P14017 P14018	Orta Kayıt Profili Mullion Connection Profile	1.885	178

PROFİLLER

PROFILES

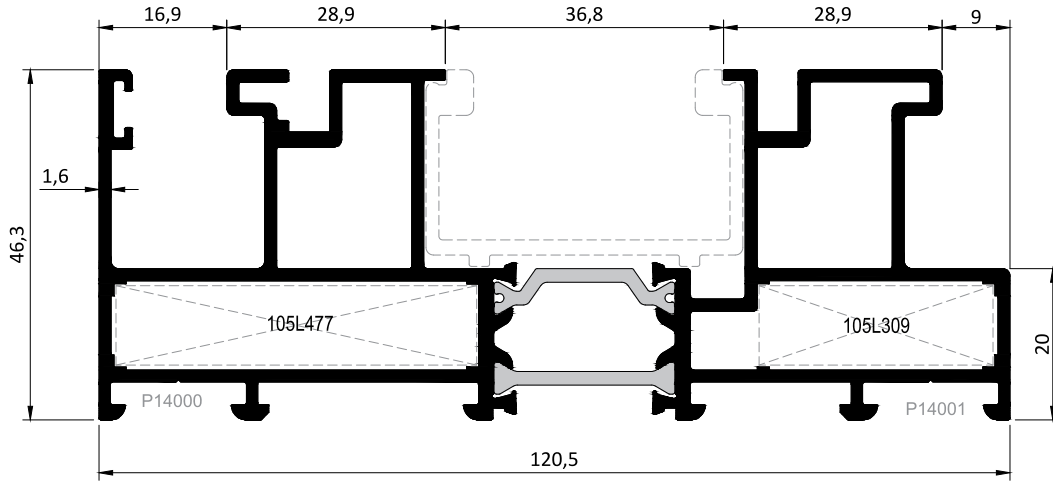
NO #	PROFİL RESMİ PROFILE PICTURE	SİSTEM KODU SYSTEM CODE	PROFİL NO PROFILE NO	AÇIKLAMA DESCRIPTION	AĞIRLIK (kg/m) WEIGHT (kg/m)	SAYFA NO PAGE NO
27		ST12052	P14067 P14068	Orta Kayıt Profili Mullion Connection Profile	2.018	178
28		ST12014	P14019 P14020	Orta Kayıt Profili Mullion Connection Profile	1.114	178
29		ST12043	P14054 P14055	Orta Kayıt Profili Mullion Connection Profile	1.805	178
30		ST12038	P14048 P14049	Orta Kayıt Profili Mullion Connection Profile	2.559	179
31		ST12054	P14002 P14070	Kasa Profili Frame Profile	2.386	179
32		ST12017	P14025 P14026	90° Köşe Profili 90° Corner Profile	2.524	180
33		ST12049	P14062 P14063	Köşe Profili Corner Profile	2.429	180
34		ST12015	P14021 P14022	Adaptör Profili Adapter Profile	1.508	181
35		ST12019	P14028	Kenet Profili Connection Profile	0.769	181
36		ST12048	P14061	Adaptör Profili Adapter Profile	0.701	181
37		ST12020	P14029	Kenet Profili Connection Profile	0.358	181
38		ST12051	P14066	Kapak Profili Cap Profile	0.569	181
39		ST12022	P14031	Kapak Profili Cap Profile	0.691	182
40		ST12018	P14027	Kapak Profili Cap Profile	0.566	182
41		ST12039	P14050	Kapak Profili Cap Profile	0.562	182
42		ST12046	P14058	Kapak Profili Cover Profile	0.385	182
43		ST12040	P14051	Kapak Profili Cover Profile	0.592	182
44		ST12023	P14032	Kenet Profili Connection Profile	0.548	182
45		ST12027	P14036	Kapak Profili Cap Profile	0.184	183
46		ST12028	P14037	Takviye Profili Support Profile	1.313	183
47		ST12029	P14038	Takviye Profili Support Profile	1.529	183
48		ST12030	P14039	Takviye Profili Support Profile	1.746	183
49		ST12031	P14040	Kanat Profili Vent Profile	1.153	184
50		ST12032	P14041	Ray Profili Rail Profile	0.656	184
51		ST12033	P14042	Kapak Profili Cap Profile	0.112	184
52		ST12021	P14030	Damlalık Profili Sill Profile	0.266	184

PROFİLLER

PROFILES

NO #	PROFİL RESMİ PROFILE PICTURE	SİSTEM KODU SYSTEM CODE	PROFİL NO PROFILE NO	AÇIKLAMA DESCRIPTION	AĞIRLIK (kg/m) WEIGHT (kg/m)	SAYFA NO PAGE NO
53		ST12025	P14034	Birleşim Profili Connection Profile	0.114	184
54		ST12024	P14033	Taşıma Profili Carrier Profile	1.139	185
55		ST12016	P14023 P14024	Adaptör Kenet Profili Connection Adapter Profile	0.956	185
56		ST12034	P14043	Kapak Profili Cap Profile	0.314	185
57		ST12035	P14044	Kapak Profili Cap Profile	0.253	185
58		G2205	P11100	Ek Kulak Profili Lug Profile	0.220	186
59		G2207	P11101	Cam Çita Profili Glazing Bead Profile	0.198	186
60		G2209	P11102	Cam Çita Profili Glazing Bead Profile	0.206	186
61		G2211	P11103	Cam Çita Profili Glazing Bead Profile	0.257	186
62		G2213	P11104	Cam Çita Profili Glazing Bead Profile	0.257	186
63		G2215	P11105	Cam Çita Profili Glazing Bead Profile	0.264	186
64		G2217	P11106	Cam Çita Profili Glazing Bead Profile	0.270	186
65		G2219	P11107	Cam Çita Profili Glazing Bead Profile	0.277	186
66		G2221	P11108	Cam Çita Profili Glazing Bead Profile	0.283	186
67		G2223	P11109	Cam Çita Profili Glazing Bead Profile	0.282	187
68		G2225	P11110	Cam Çita Profili Glazing Bead Profile	0.288	187
69		G2227	P11114	Cam Çita Profili Glazing Bead Profile	0.294	187
70		G2229	P11115	Cam Çita Profili Glazing Bead Profile	0.301	187
71		G2231	P11116	Cam Çita Profili Glazing Bead Profile	0.308	187
72		G2233	P11117	Cam Çita Profili Glazing Bead Profile	0.314	187
73		L0105	P11016	Köşe Takozu Profili Corner Cleat Profile	2.122	188
74		L0170	P11006	Köşe Takozu Profili Corner Cleat Profile	3.892	189
75		L0162	P11029	Köşe Takozu Profili Corner Cleat Profile	3.868	189
76		L0477	P11032	Köşe Takozu Profili Corner Cleat Profile	16.203	190
77		L0309	P11031	Köşe Takozu Profili Corner Cleat Profile	12.061	190
78		J0004	P11028	Orta Kayıt Bağlantı Profili Mullion Connection Profile	0.934	191

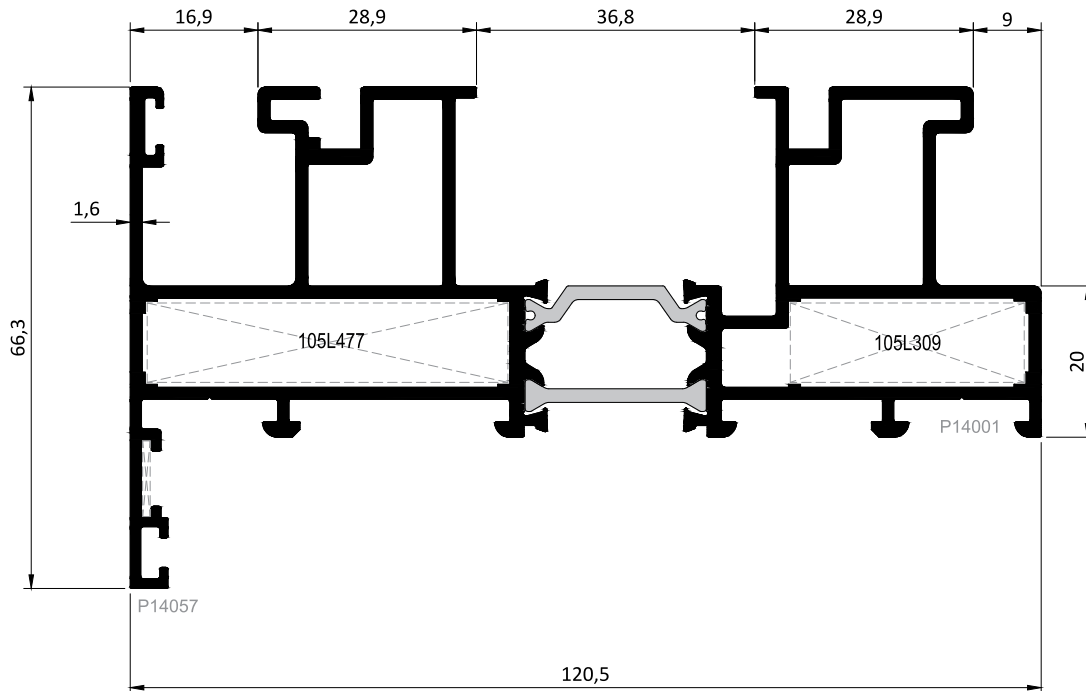
PROFİLLER / PROFILES



Kod / Code : ST12001

Profil No / Profile No : P14000-P14001

Ağırlık / Weight : 2.526 kg/m

JX : 97.1 cm⁴JY : 18.5 cm⁴

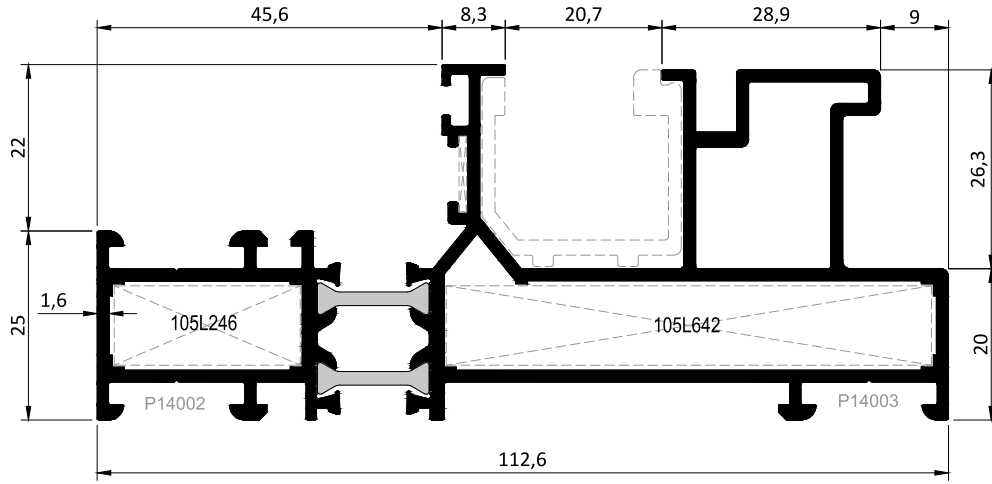
Kod / Code : ST12044

Profil No / Profile No : P14057-P14001

Ağırlık / Weight : 2.649 kg/m

JX : 107.7 cm⁴JY : 23.2 cm⁴

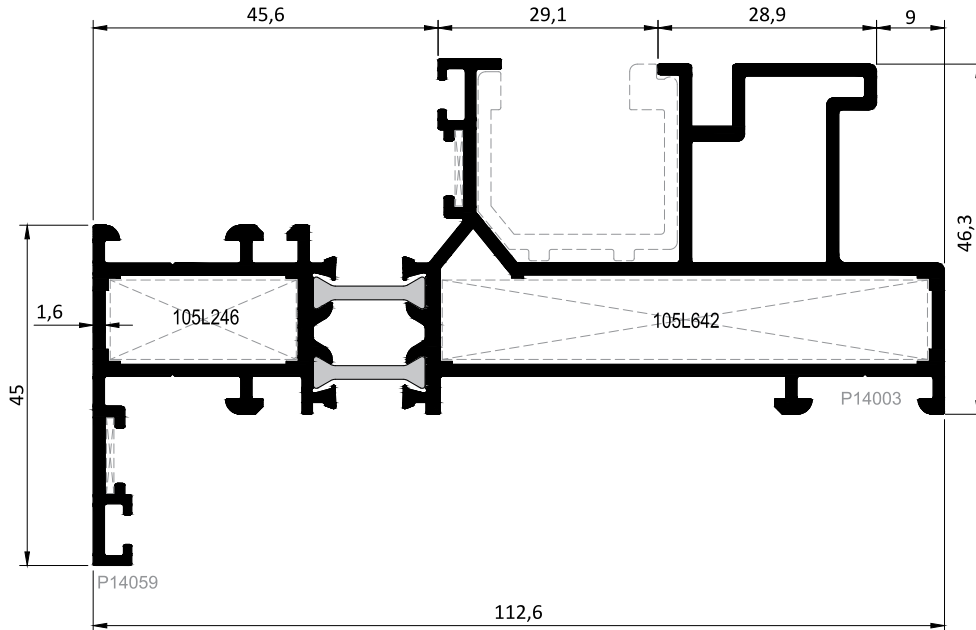
PROFİLLER / PROFILES



Kod / Code : ST12002

Profil No / Profile No : P14002-P14003

Ağırlık / Weight : 2.146 kg/m

JX : 65.7 cm⁴JY : 12.5 cm⁴

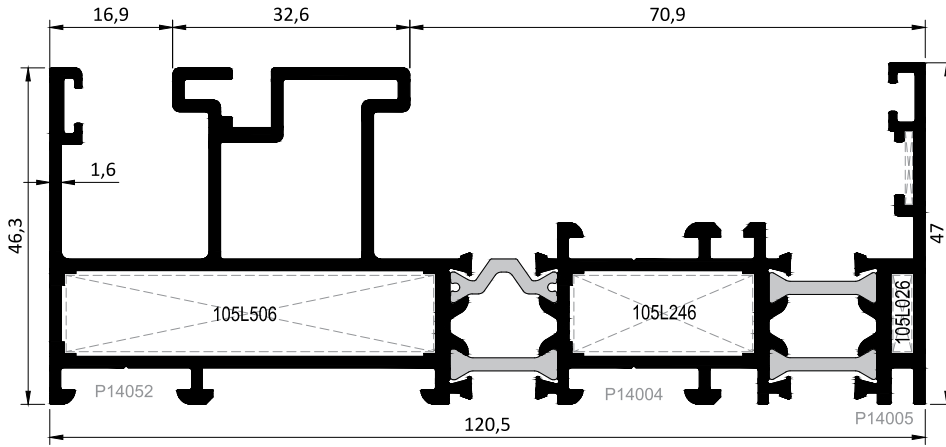
Kod / Code : ST12047

Profil No / Profile No : P14059-P14003

Ağırlık / Weight : 2.275 kg/m

JX : 78.2 cm⁴JY : 14.6 cm⁴

PROFİLLER / PROFILES

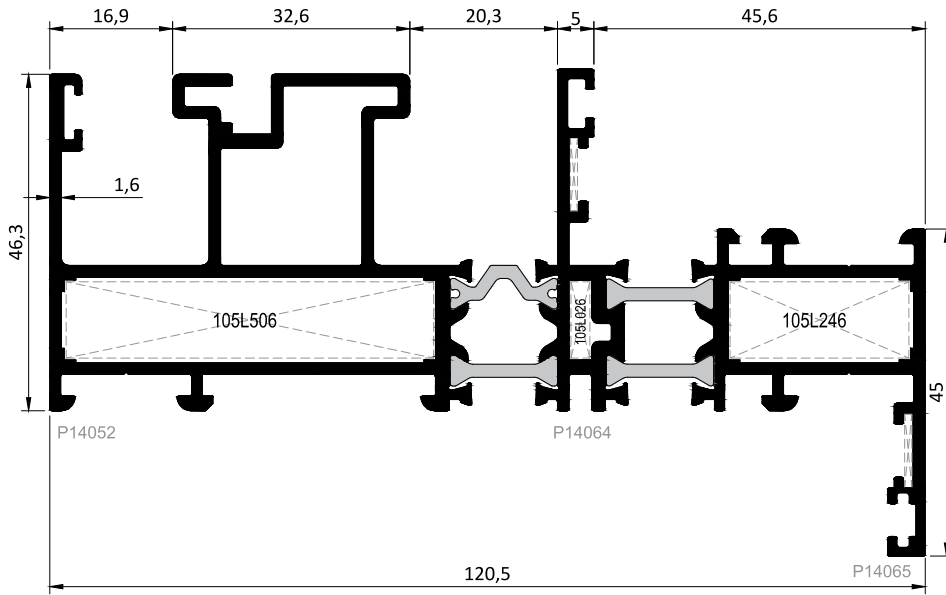


Kod / Code : ST12003

Profil No/Profile No :

P14052-P14004-P14005

Ağırlık / Weight : 2.663 kg/m

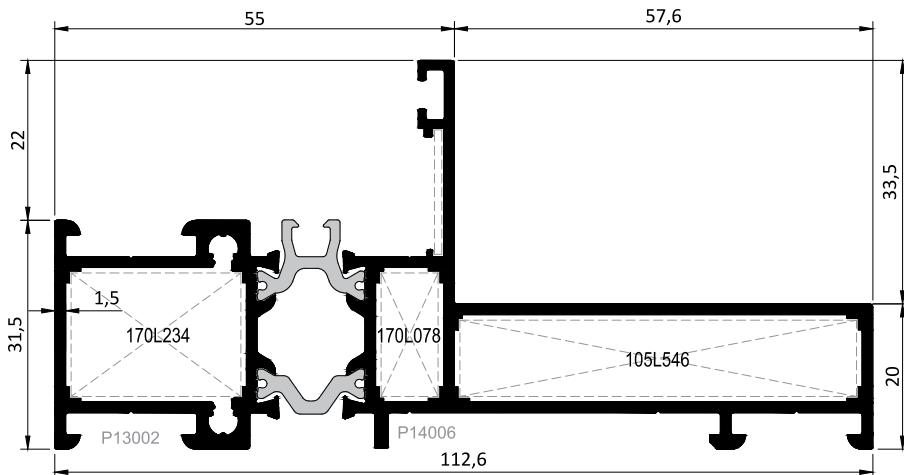
JX : 107.5 cm⁴JY : 16.2 cm⁴

Kod / Code : ST12050

Profil No / Profile No :

P14052 - P14064 - P14065

Ağırlık / Weight : 2.800 kg/m

JX : 105.1 cm⁴JY : 17.2 cm⁴

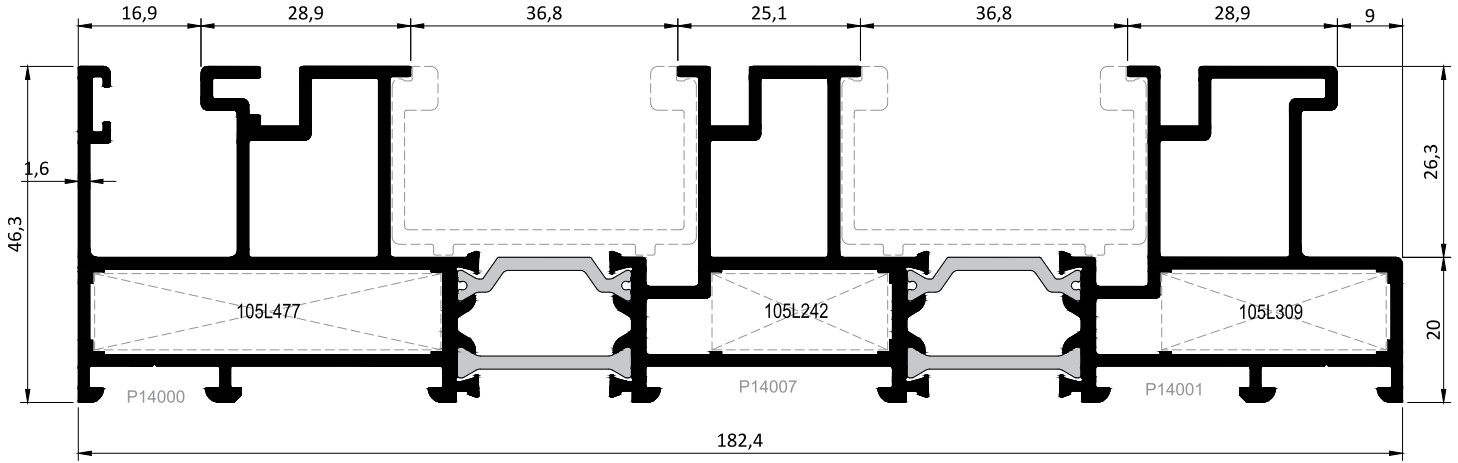
Kod / Code : ST12004

Profil No / Profile No : P13002-P14006

Ağırlık / Weight : 1.862 kg/m

JX : 52.6 cm⁴JY : 8.7 cm⁴

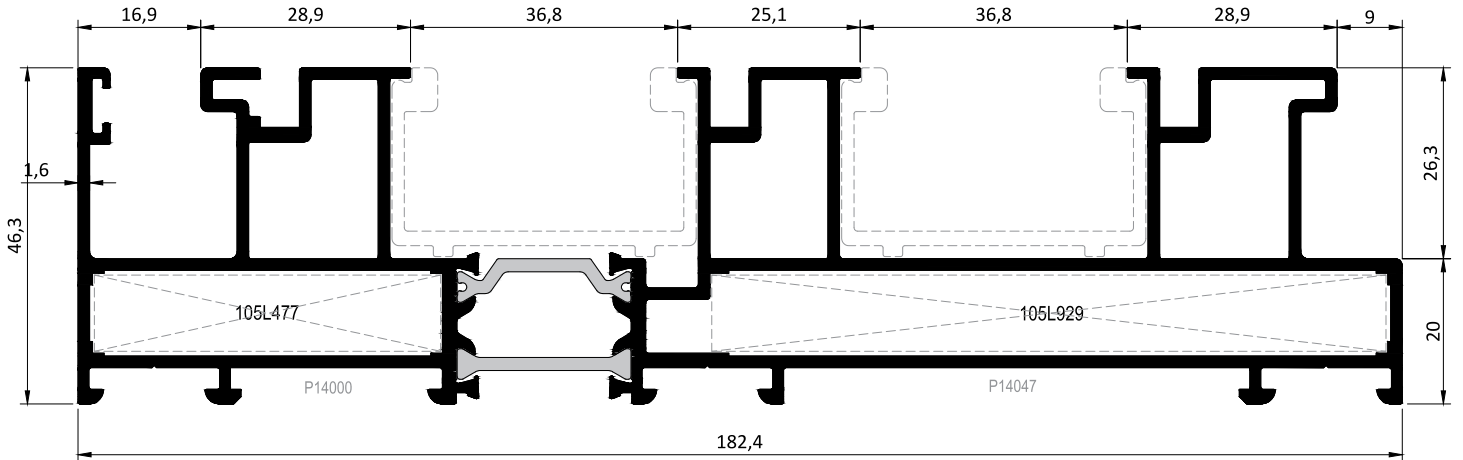
PROFİLLER / PROFILES



Kod / Code : ST12005

Profil No / Profile No : P14000-P14007-P14001

Ağırlık / Weight : 3.698 kg/m

JX : 308.8 cm⁴JY : 26.1 cm⁴

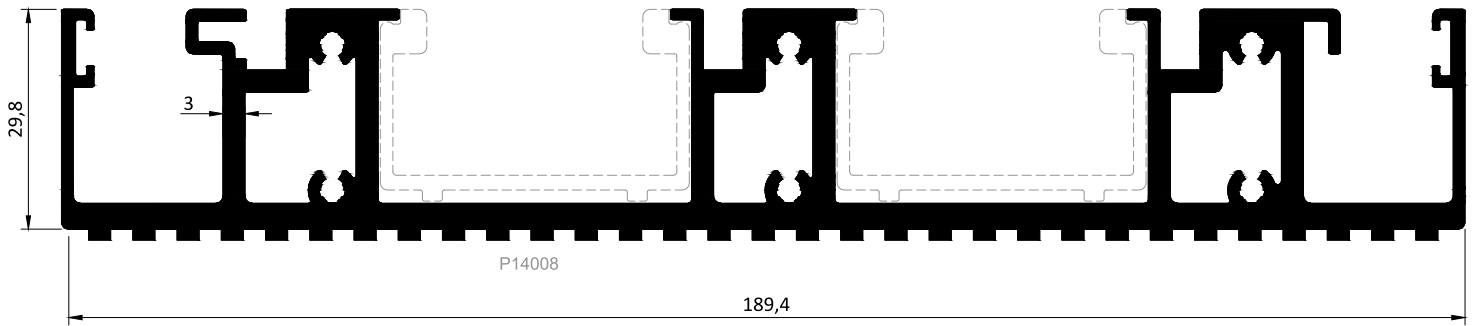
Kod / Code : ST12037

Profil No / Profile No : P14000 - P14047

Ağırlık / Weight : 3.460 kg/m

JX : 301.5 cm⁴JY : 25.4 cm⁴

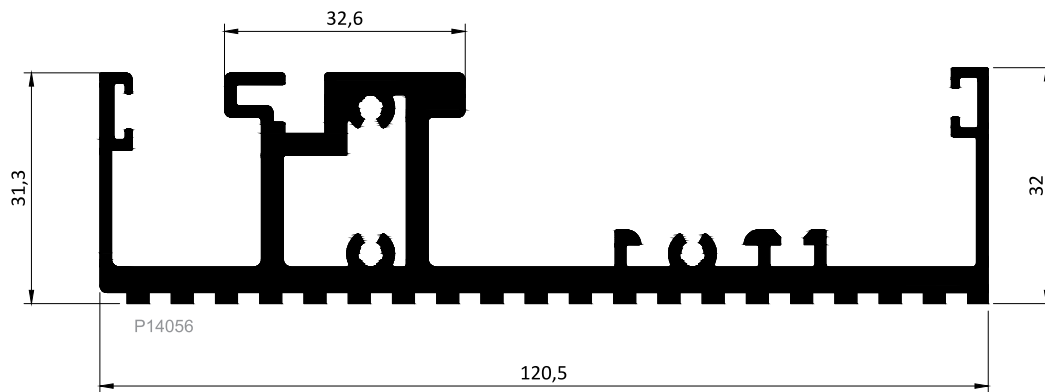
PROFİLLER / PROFILES



Kod / Code : ST12006

Profil No / Profile No : P14008

Ağırlık / Weight : 4.627 kg/m

JX : 561.1 cm⁴JY : 19.0 cm⁴

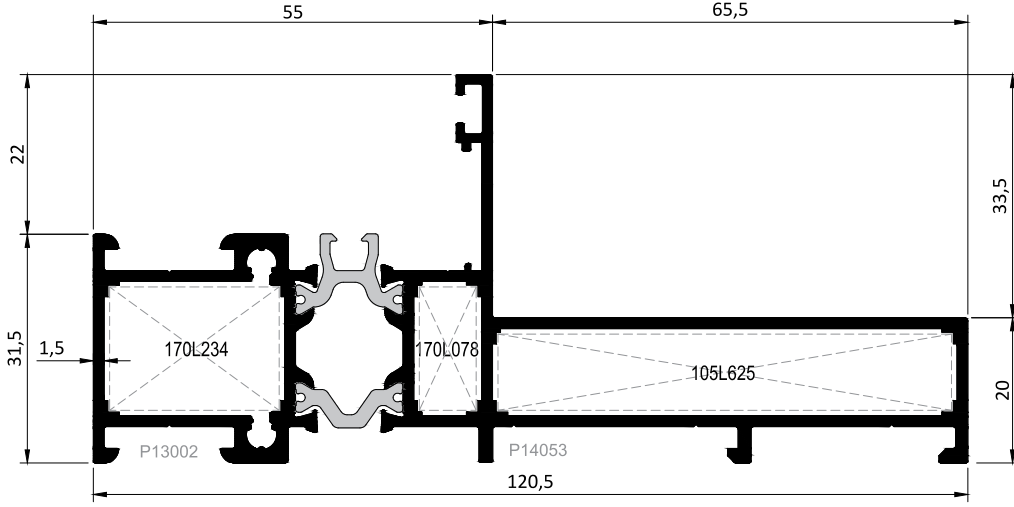
Kod / Code : ST12041

Profil No / Profile No : P14056

Ağırlık / Weight : 2.627 kg/m

JX : 121.8 cm⁴JY : 9.6 cm⁴

PROFİLLER / PROFILES

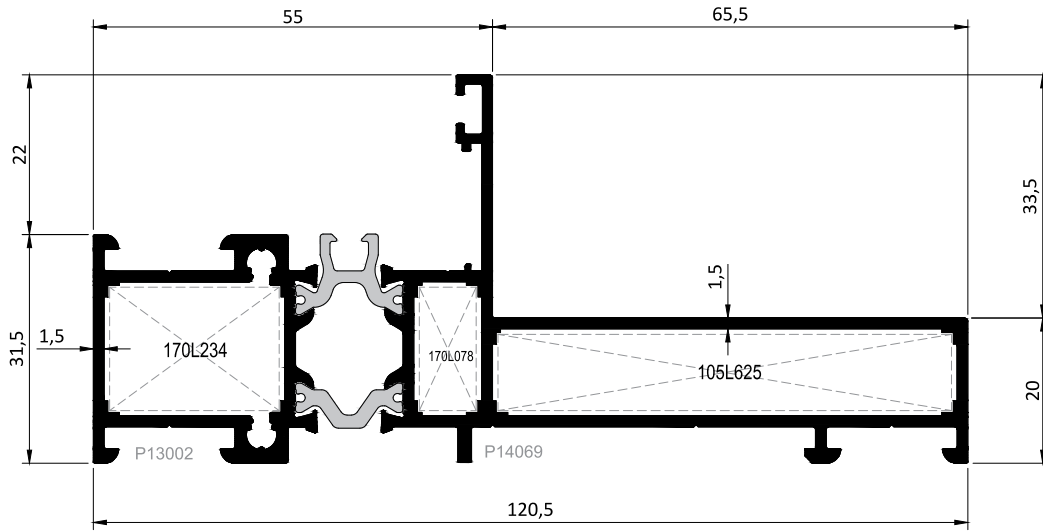


Kod / Code : ST12042

Profil No / Profile No :

P13002-P14053

Ağırlık / Weight : 1.927 kg/m

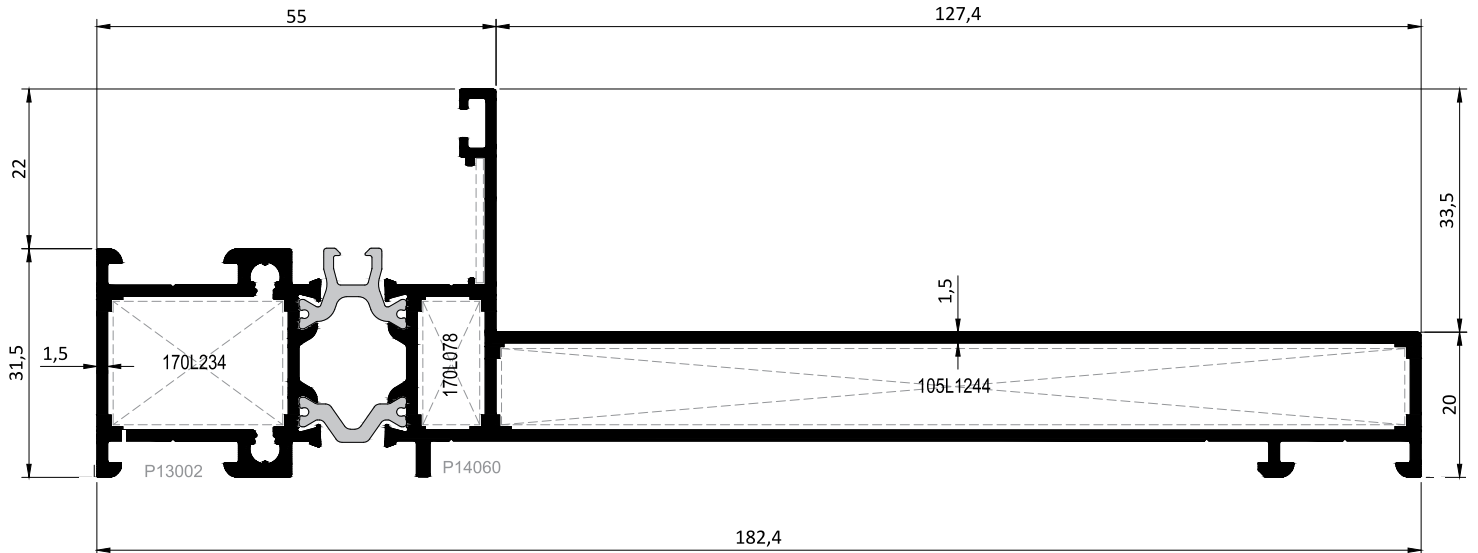
JX : 62.8 cm⁴JY : 8.8 cm⁴

Kod / Code : ST12053

Profil No / Profile No :

P13002-P14069

Ağırlık / Weight : 1.926 kg/m

JX : 63.2 cm⁴JY : 8.8 cm⁴

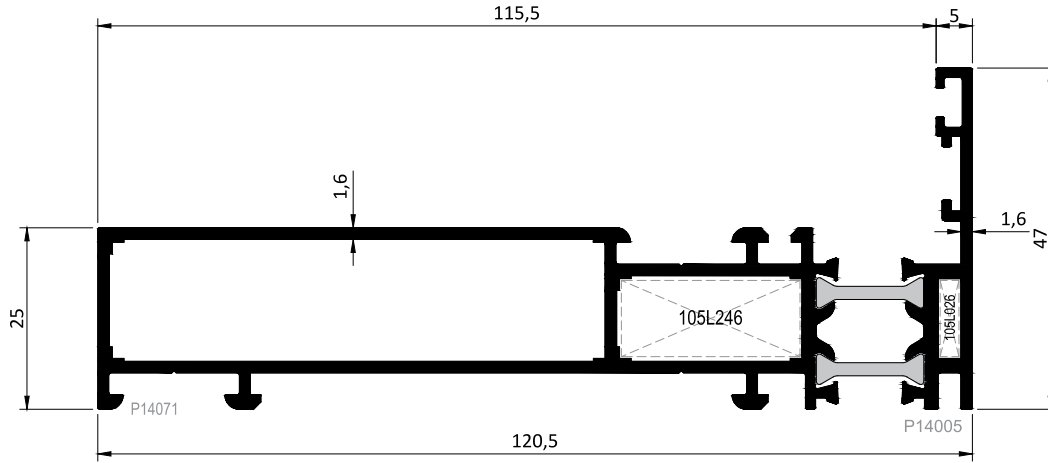
Kod / Code : ST12045

Profil No / Profile No : P13002-P14060

Ağırlık / Weight : 2.430 kg/m

JX : 202.3 cm⁴JY : 9.6 cm⁴

PROFİLLER / PROFILES



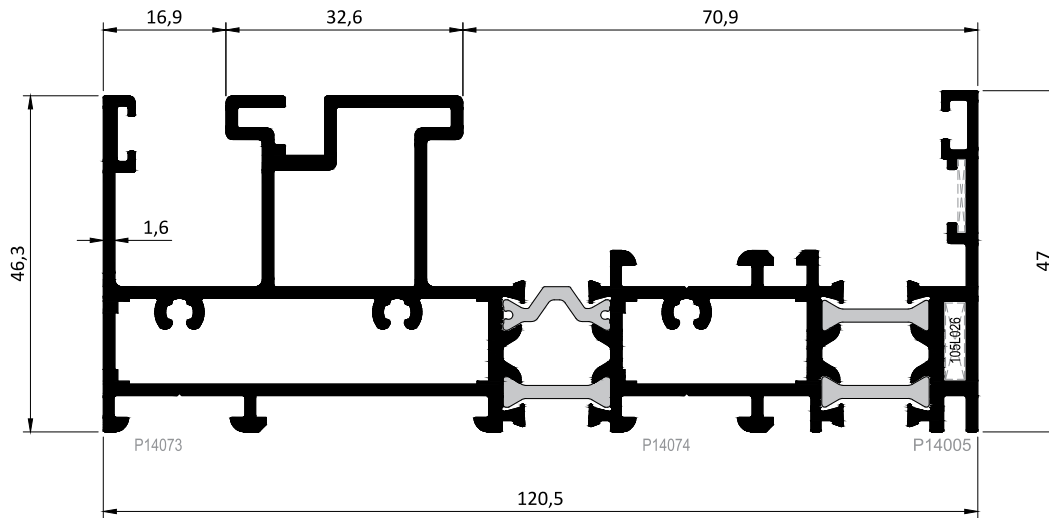
Kod / Code : ST12055

Profil No / Profile No : P14071-P14005

Ağırlık / Weight : 1.873 kg/m

JX : 78.6 cm⁴

JY : 6.7 cm⁴



Kod / Code : ST12057

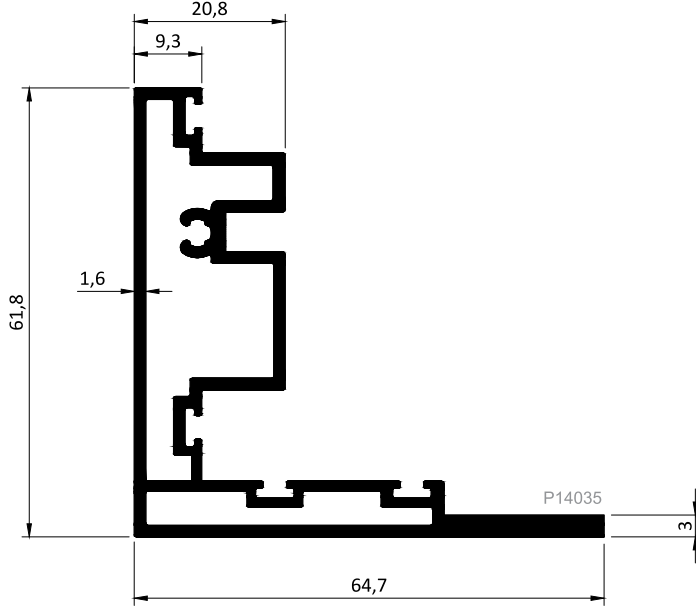
Profil No / Profile No : P14073-P14074-P14005

Ağırlık / Weight : 2.783 kg/m

JX : 110.9 cm⁴

JY : 16.3 cm⁴

PROFİLLER / PROFILES



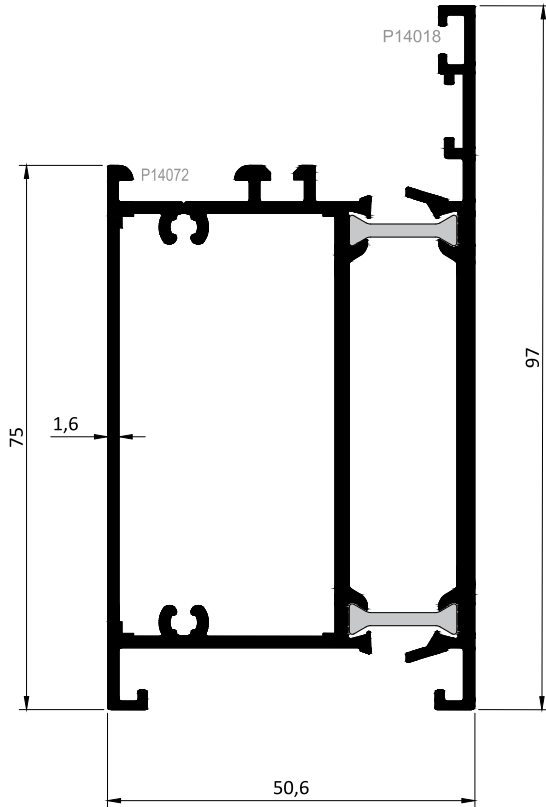
Kod / Code : ST12026

Profil No / Profile No : P14035

Ağırlık / Weight : 1.353 kg/m

JX : 27.9 cm⁴

JY : 8.0 cm⁴



Kod / Code : ST12056

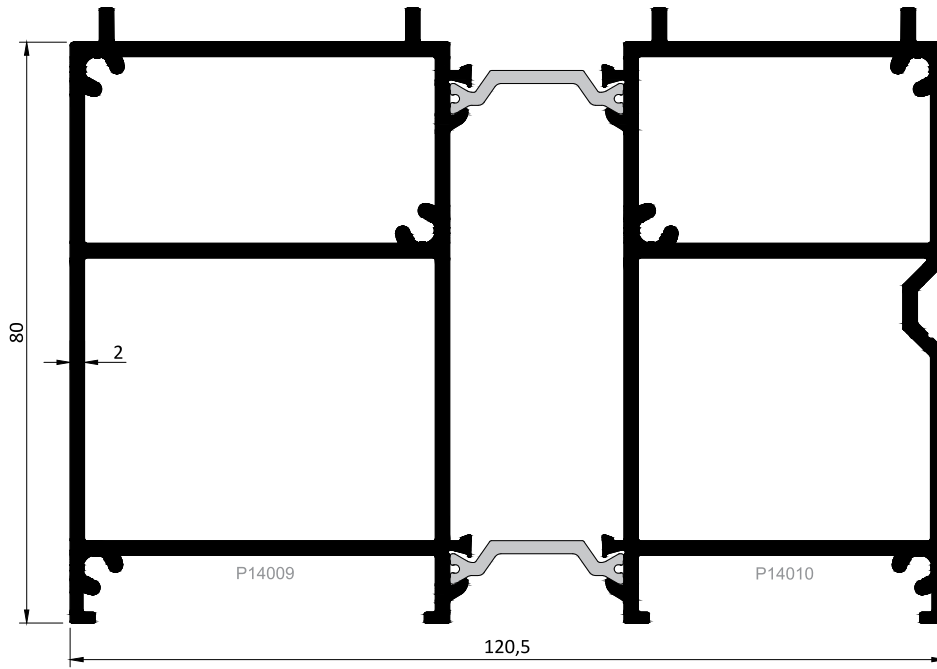
Profil No / Profile No : P14072 - P14018

Ağırlık / Weight : 1.965 kg/m

JX : 36.8 cm⁴

JY : 23.5 cm⁴

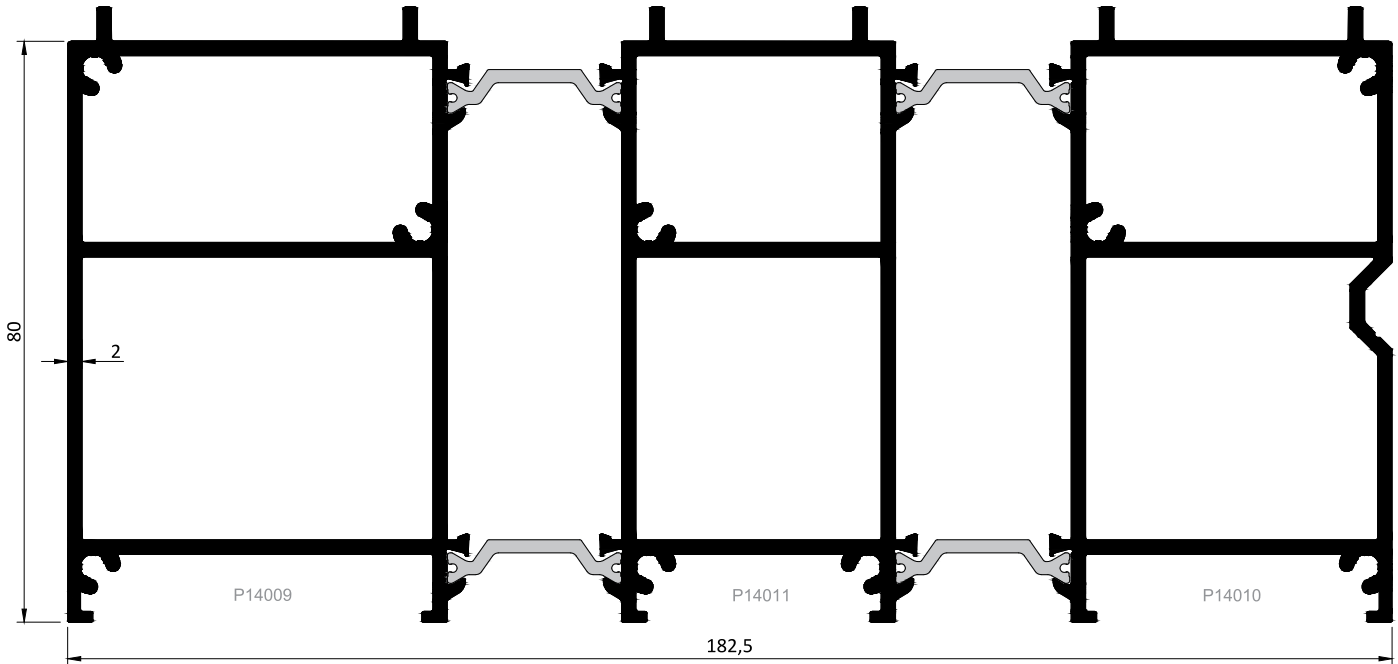
PROFİLLER / PROFILES



Kod / Code : ST12007

Profil No / Profile No : P14009-P14010

Ağırlık / Weight : 3.736 kg/m

JX : 163.4 cm⁴JY : 93.7 cm⁴

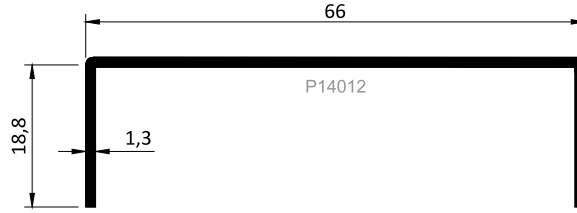
Kod / Code : ST12008

Profil No / Profile No : P14009-P14011-P14010

Ağırlık / Weight : 5.560 kg/m

JX : 391.2 cm⁴JY : 138.3 cm⁴

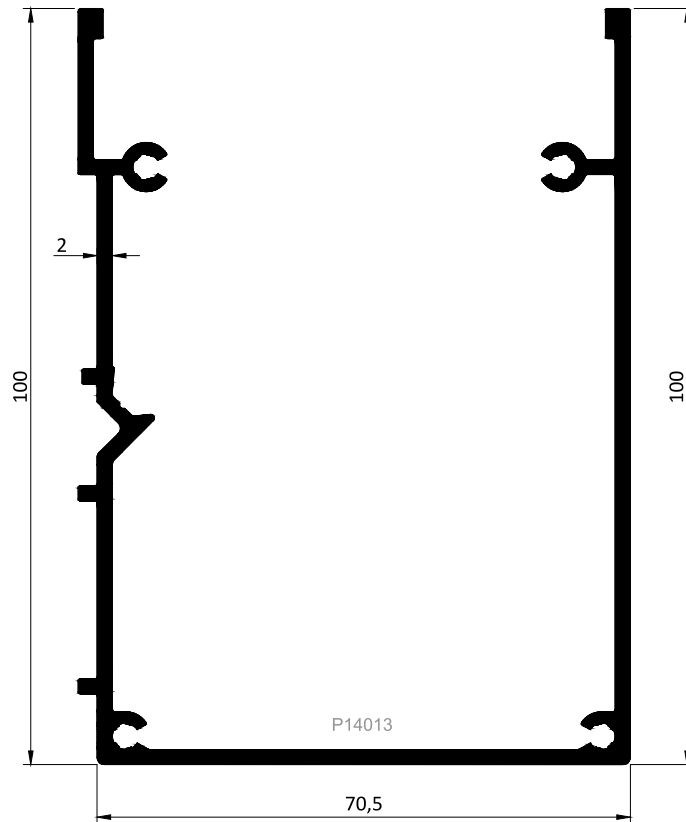
PROFİLLER / PROFILES



Kod / Code : ST12009

Profil No / Profile No : P14012

Ağırlık / Weight : 0.361 kg/m



Kod / Code : ST12010

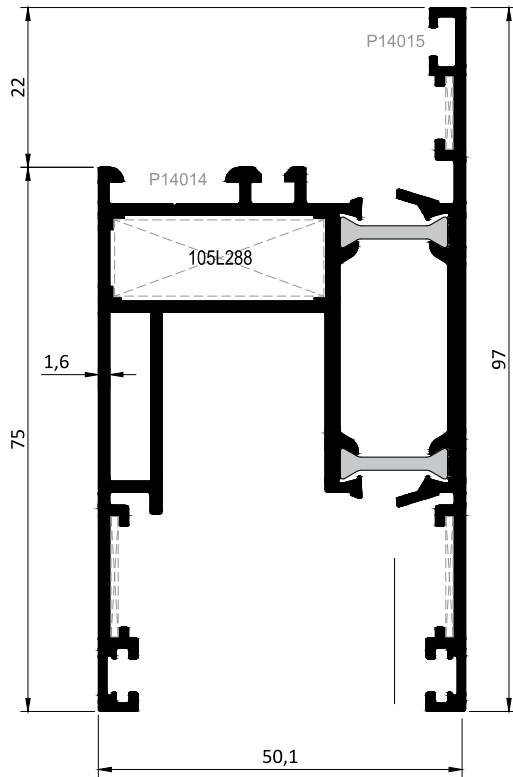
Profil No / Profile No : P14013

Ağırlık / Weight : 1.752 kg/m

JX : 72.4 cm⁴

JY : 63.5 cm⁴

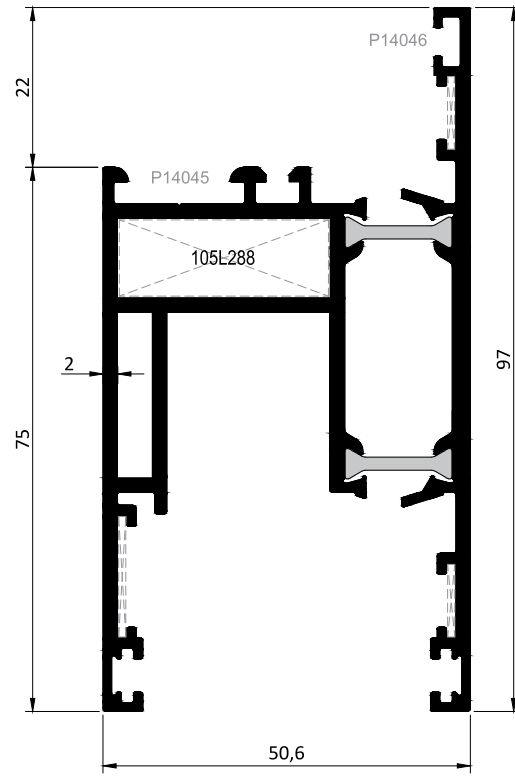
PROFİLLER / PROFILES



Kod / Code : ST12011

Profil No / Profile No : P14014-P14015

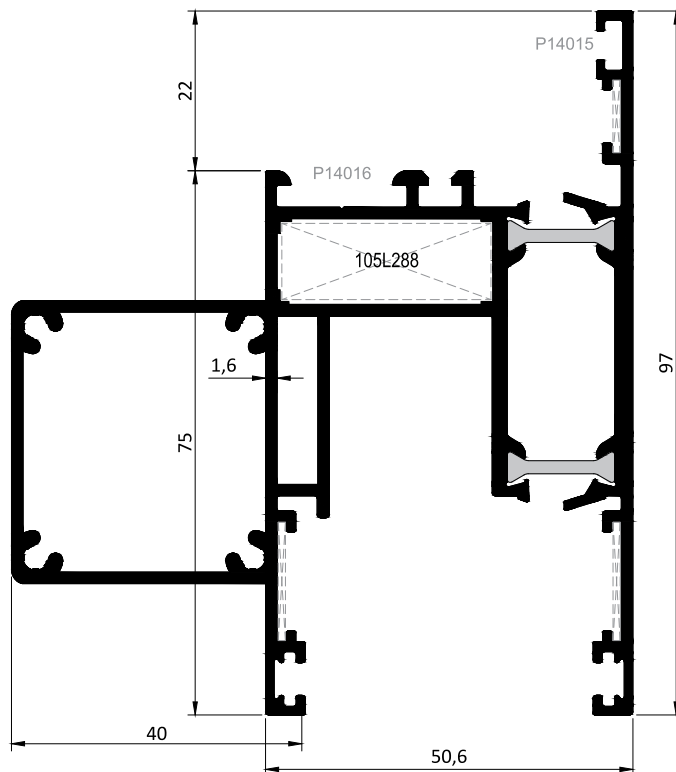
Ağırlık / Weight : 1.948 kg/m

JX : 28.5 cm⁴JY : 24.6 cm⁴

Kod / Code : ST12036

Profil No / Profile No : P14045-P14046

Ağırlık / Weight : 2.132 kg/m

JX : 30.8 cm⁴JY : 27.1 cm⁴

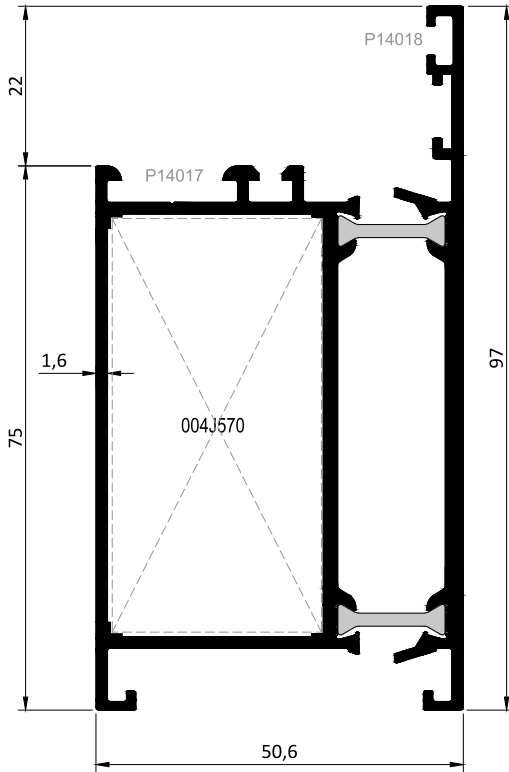
Kod / Code : ST12012

Profil No / Profile No : P14016-P14015

Ağırlık / Weight : 2.530 kg/m

JX : 55.8 cm⁴JY : 38.3 cm⁴

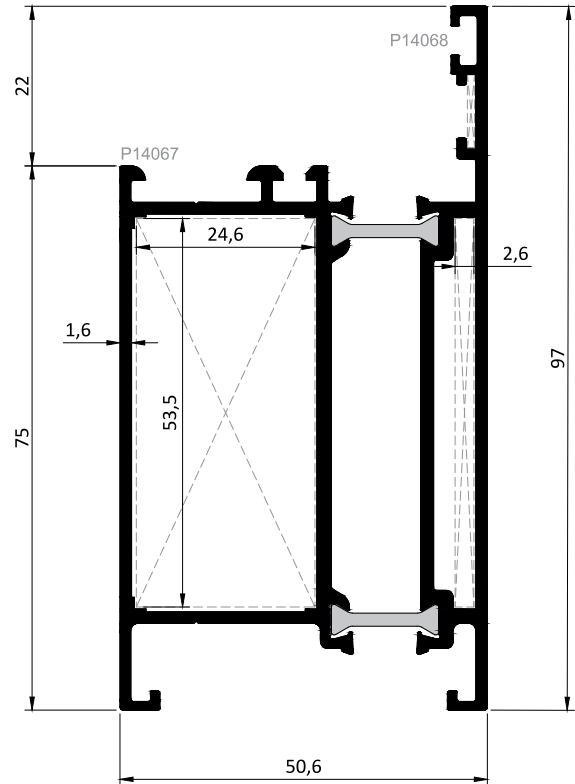
PROFİLLER / PROFILES



Kod / Code : ST12013

Profil No / Profile No : P14017-P14018

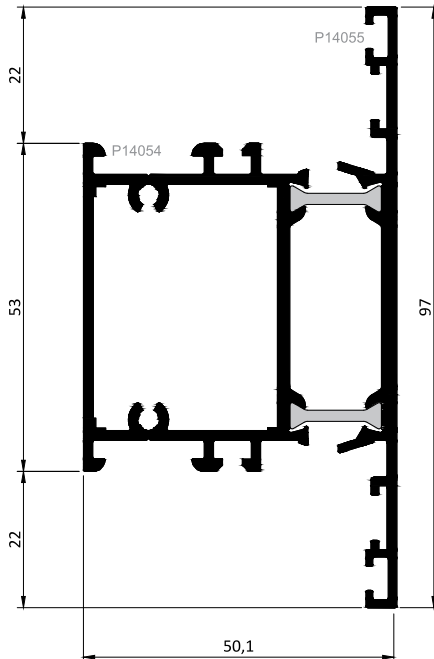
Ağırlık / Weight : 1.885 kg/m

JX : 35.1 cm⁴JY : 22.4 cm⁴

Kod / Code : ST12052

Profil No / Profile No : P14067-P14068

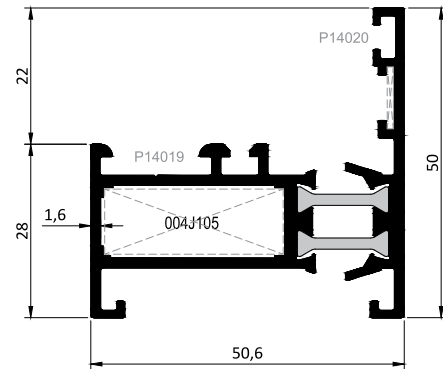
Ağırlık / Weight : 2.018 kg/m

JX : 34.5 cm⁴JY : 22.4 cm⁴

Kod / Code : ST12043

Profil No / Profile No : P14054-P14055

Ağırlık / Weight : 1.805 kg/m

JX : 31.8 cm⁴JY : 20.9 cm⁴

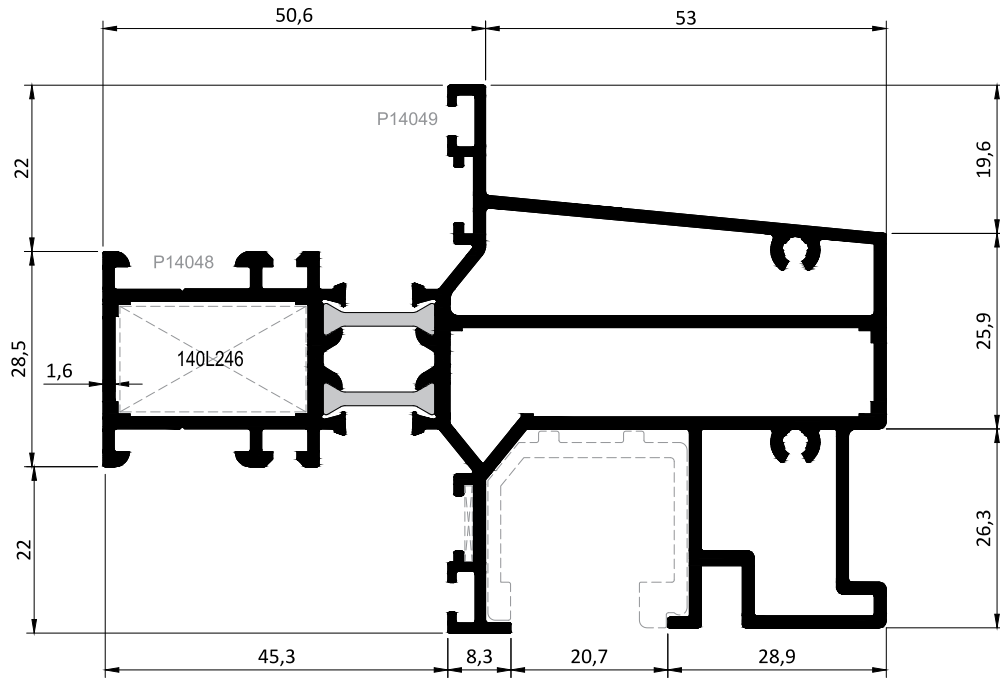
Kod / Code : ST12014

Profil No / Profile No : P14019-P14020

Ağırlık / Weight : 1.114 kg/m

JX : 9.75 cm⁴JY : 4.1 cm⁴

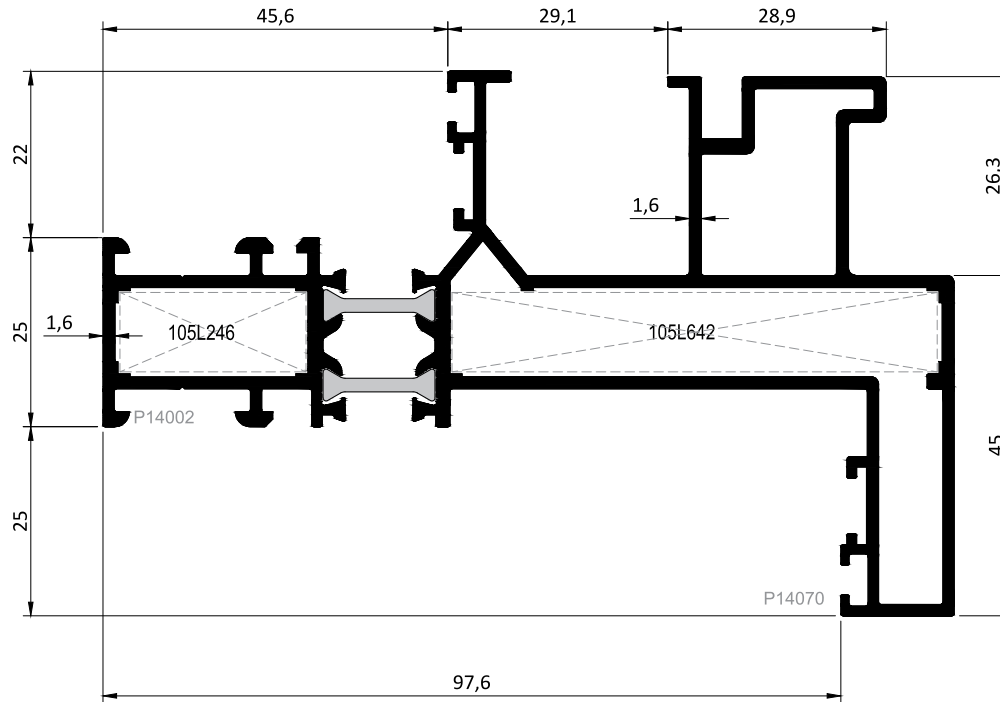
PROFİLLER / PROFILES



Kod / Code : ST12038

Profil No / Profile No : P14048-P14049

Ağırlık / Weight : 2.559 kg/m

JX : 66.5 cm⁴JY : 23.9 cm⁴

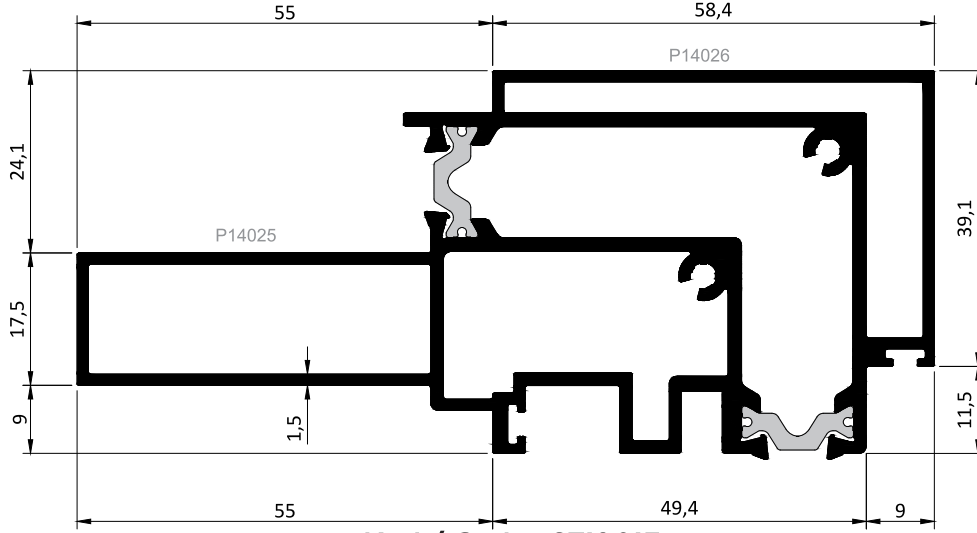
Kod / Code : ST12054

Profil No / Profile No : P14002-P14070

Ağırlık / Weight : 2.386 kg/m

JX : 79.0 cm⁴JY : 24.0 cm⁴

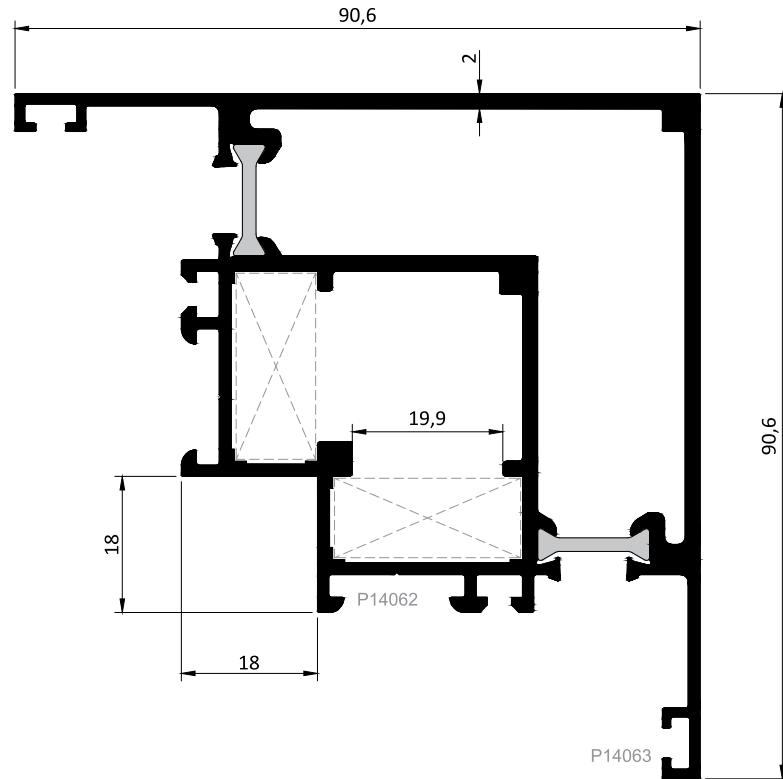
PROFİLLER / PROFILES



Kod / Code : ST12017

Profil No / Profile No : P14025-P14026

Ağırlık / Weight : 2.524 kg/m

JX : 63.6 cm⁴JY : 20.7 cm⁴

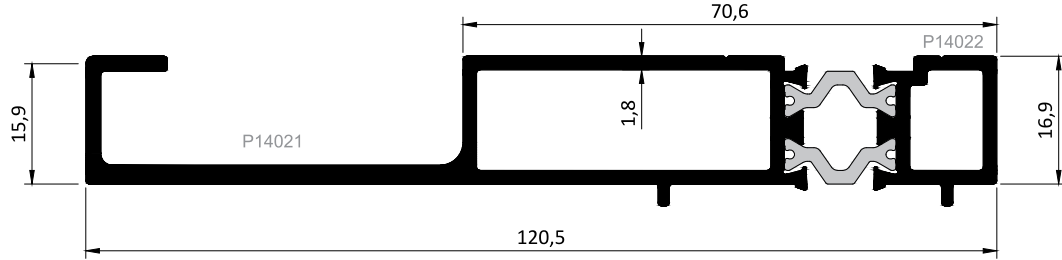
Kod / Code : ST12049

Profil No / Profile No : P14062-P14063

Ağırlık / Weight : 2.429 kg/m

JX : 55.4 cm⁴JY : 36.1 cm⁴

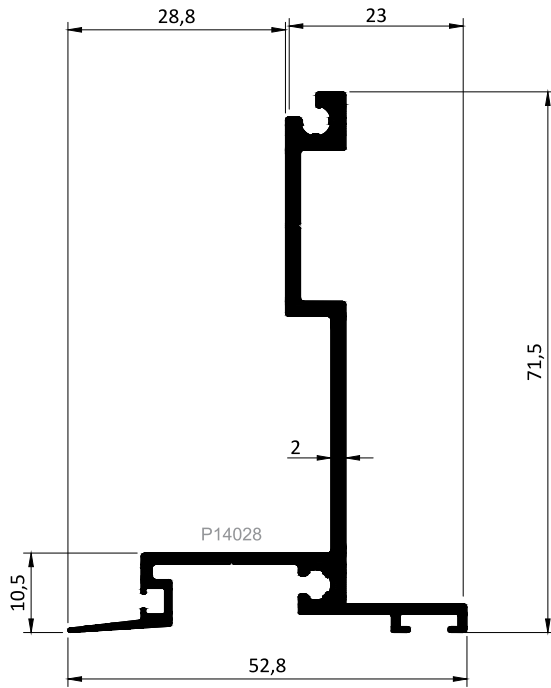
PROFİLLER / PROFILES



Kod / Code : ST12015

Profil No / Profile No : P14021-P14022

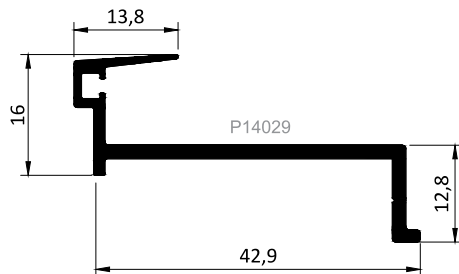
Ağırlık / Weight : 1.508 kg/m

JX : 56.0 cm⁴JY : 2.0 cm⁴

Kod / Code : ST12019

Profil No / Profile No : P14028

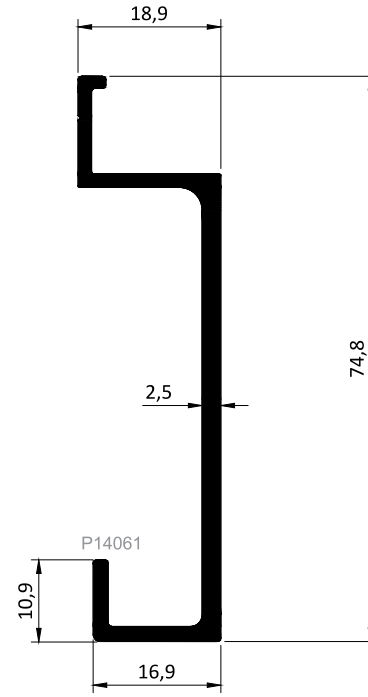
Ağırlık / Weight : 0.769 kg/m



Kod / Code : ST12020

Profil No / Profile No : P14029

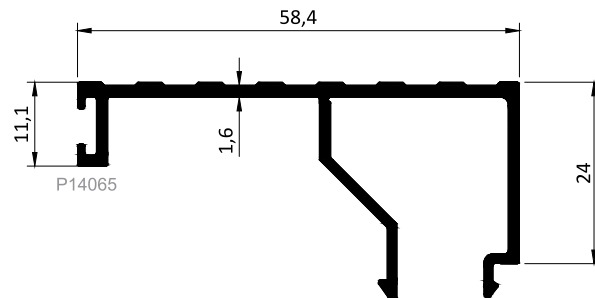
Ağırlık / Weight : 0.358 kg/m



Kod / Code : ST12048

Profil No / Profile No : P14061

Ağırlık / Weight : 0.701 kg/m

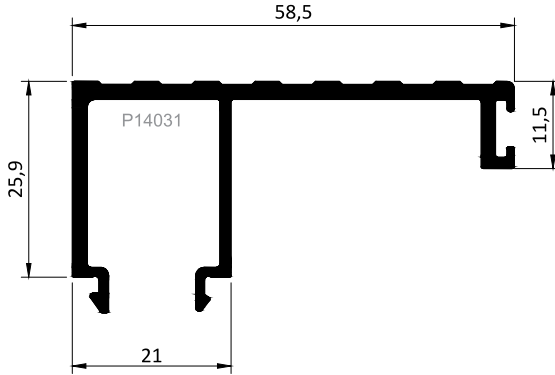


Kod / Code : ST12051

Profil No / Profile No : P14065

Ağırlık / Weight : 0.569 kg/m

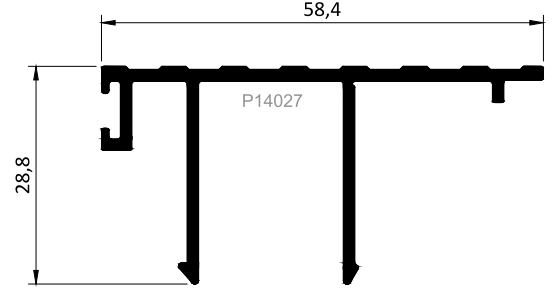
PROFİLLER / PROFILES



Kod / Code : ST12022

Profil No / Profile No : P14031

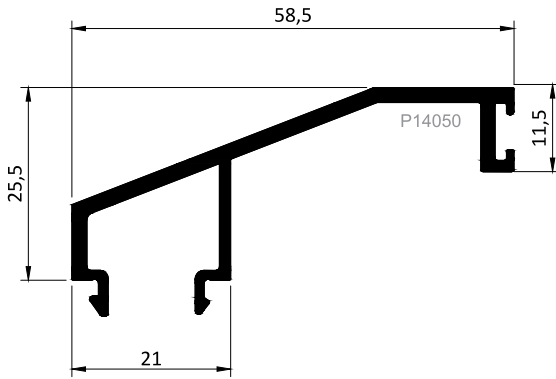
Ağırlık / Weight : 0.691 kg/m



Kod / Code : ST12018

Profil No / Profile No : P14027

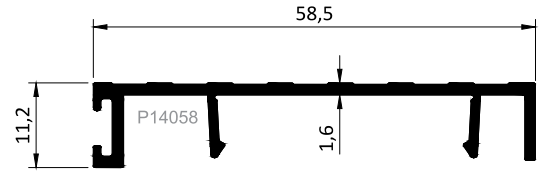
Ağırlık / Weight : 0.566 kg/m



Kod / Code : ST12039

Profil No / Profile No : P14050

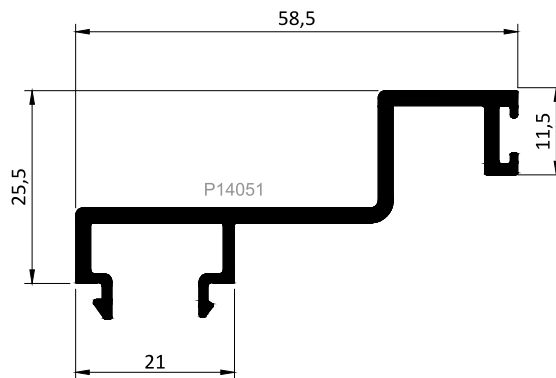
Ağırlık / Weight : 0.562 kg/m



Kod / Code : ST12046

Profil No / Profile No : P14058

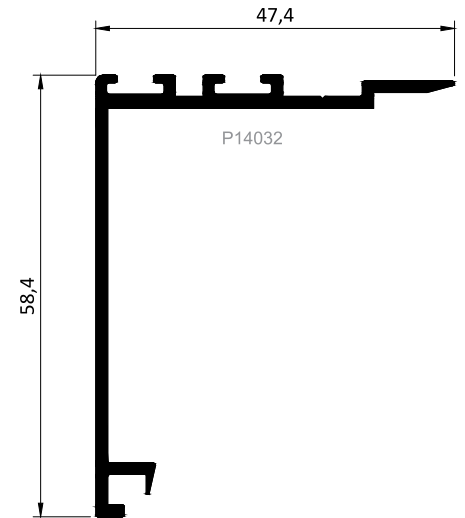
Ağırlık / Weight : 0.385 kg/m



Kod / Code : ST12040

Profil No / Profile No : P14051

Ağırlık / Weight : 0.592 kg/m

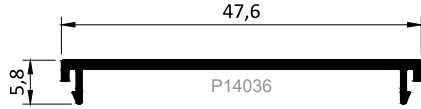


Kod / Code : ST12023

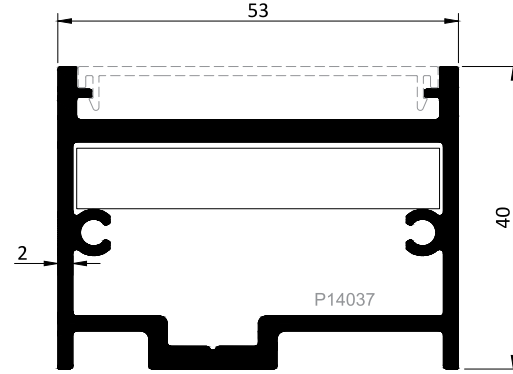
Profil No / Profile No : P14032

Ağırlık / Weight : 0.548 kg/m

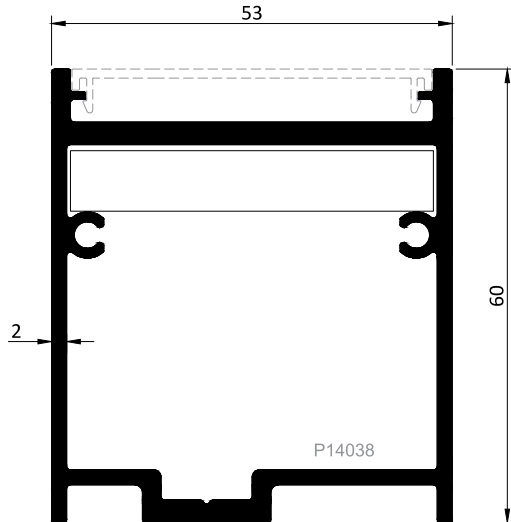
PROFİLLER / PROFILES



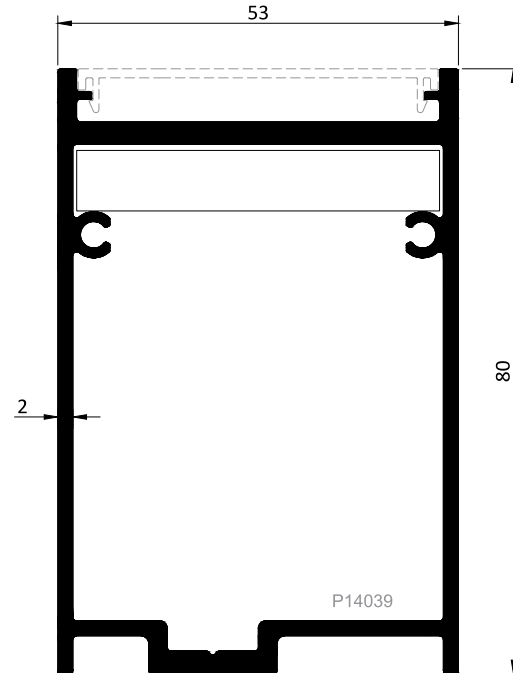
Kod / Code : ST12027
Profil No / Profile No : P14036
Ağırlık / Weight : 0.184 kg/m



Kod / Code : ST12028
Profil No / Profile No : P14037
Ağırlık / Weight : 1.313 kg/m
JX : 17.8 cm⁴
JY : 7.8 cm⁴

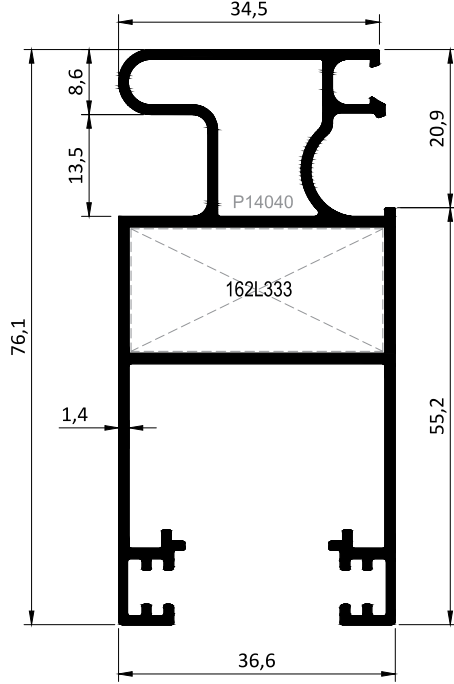


Kod / Code : ST12029
Profil No / Profile No : P14038
Ağırlık / Weight : 1.529 kg/m
JX : 24.3 cm⁴
JY : 22.6 cm⁴

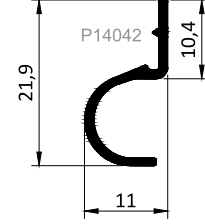


Kod / Code : ST12030
Profil No / Profile No : P14039
Ağırlık / Weight : 1.746 kg/m
JX : 51.4 cm⁴
JY : 28.1 cm⁴

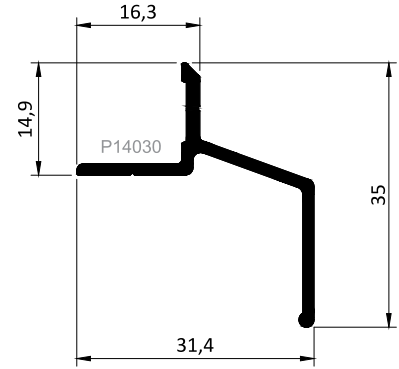
PROFİLLER / PROFILES



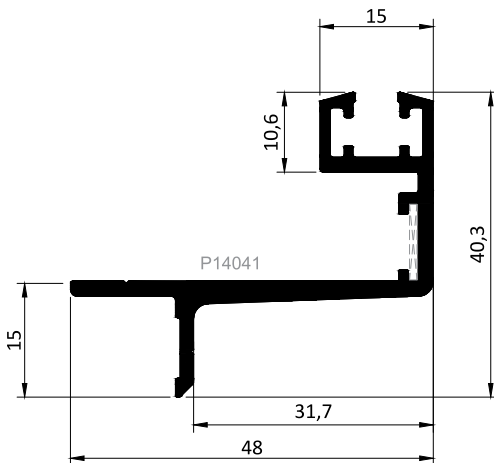
Kod / Code : ST12031
 Profil No / Profile No : P14040
 Ağırlık / Weight : 1.153 kg/m
 JX : 24.1 cm⁴
 JY : 7.8 cm⁴



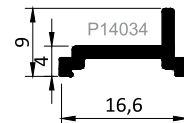
Kod / Code : ST12033
 Profil No / Profile No : P14042
 Ağırlık / Weight : 0.112 kg/m



Kod / Code : ST12021
 Profil No / Profile No : P14030
 Ağırlık / Weight : 0.266 kg/m

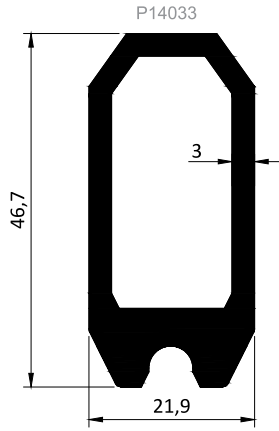


Kod / Code : ST12032
 Profil No / Profile No : P14041
 Ağırlık / Weight : 0.656 kg/m

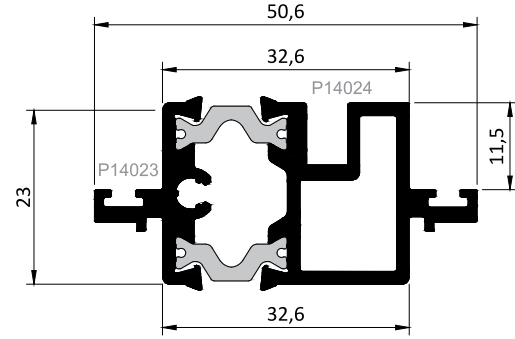


Kod / Code : ST12025
 Profil No / Profile No : P14034
 Ağırlık / Weight : 0.114 kg/m

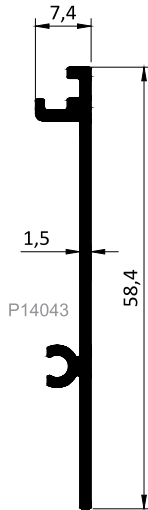
PROFİLLER / PROFILES



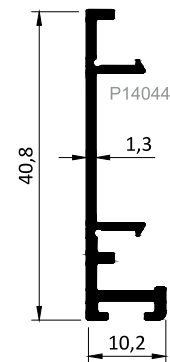
Kod / Code : ST12024
Profil No / Profile No : P14033
Ağırlık / Weight : 1.139 kg/m



Kod / Code : ST12016
Profil No / Profile No : P14023-P14024
Ağırlık / Weight : 0.956 kg/m
JX : 4.2 cm⁴
JY : 1.5 cm⁴

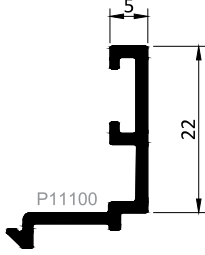


Kod / Code : ST12034
Profil No / Profile No : P14043
Ağırlık / Weight : 0.314 kg/m



Kod / Code : ST12035
Profil No / Profile No : P14044
Ağırlık / Weight : 0.253 kg/m

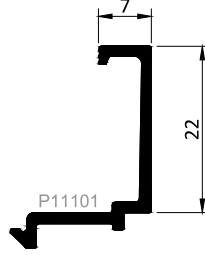
PROFİLLER / PROFILES



Kod / Code : G2205

Profil No / Profile No : P11100

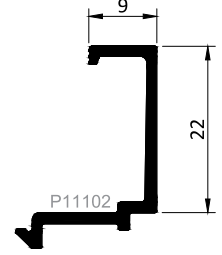
Ağırlık / Weight : 0.220 kg/m



Kod / Code : G2207

Profil No / Profile No : P11101

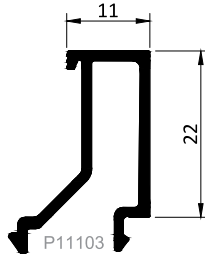
Ağırlık / Weight : 0.198 kg/m



Kod / Code : G2209

Profil No / Profile No : P11102

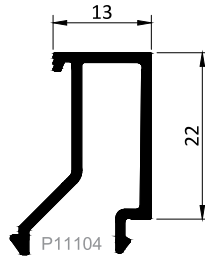
Ağırlık / Weight : 0.206 kg/m



Kod / Code : G2211

Profil No / Profile No : P11103

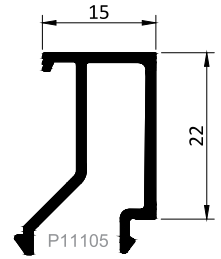
Ağırlık / Weight : 0.257 kg/m



Kod / Code : G2213

Profil No / Profile No : P11104

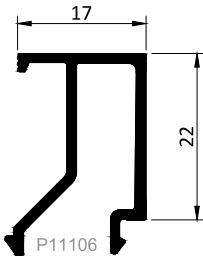
Ağırlık / Weight : 0.257 kg/m



Kod / Code : G2215

Profil No / Profile No : P11105

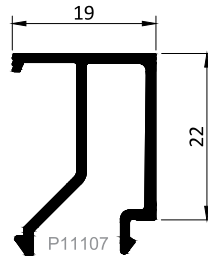
Ağırlık / Weight : 0.264 kg/m



Kod / Code : G2217

Profil No / Profile No : P11106

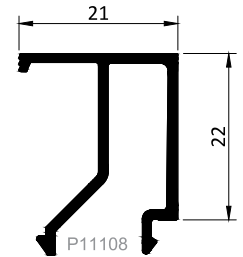
Ağırlık / Weight : 0.270 kg/m



Kod / Code : G2219

Profil No / Profile No : P11107

Ağırlık / Weight : 0.277 kg/m

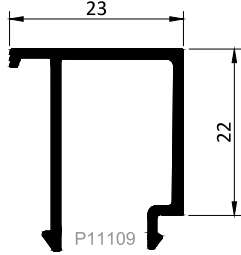
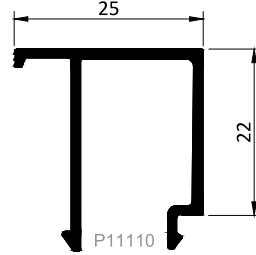
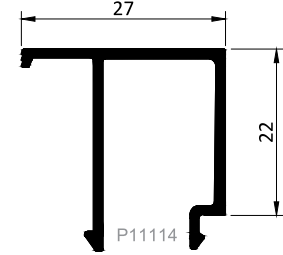
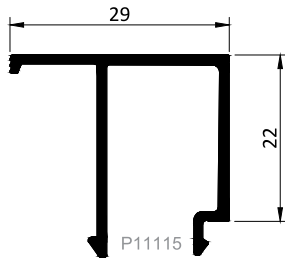
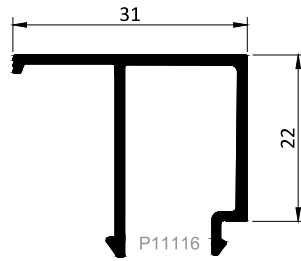
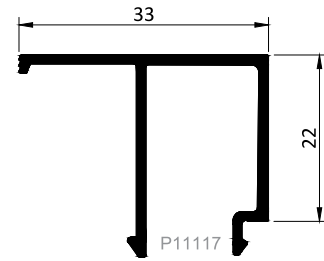


Kod / Code : G2221

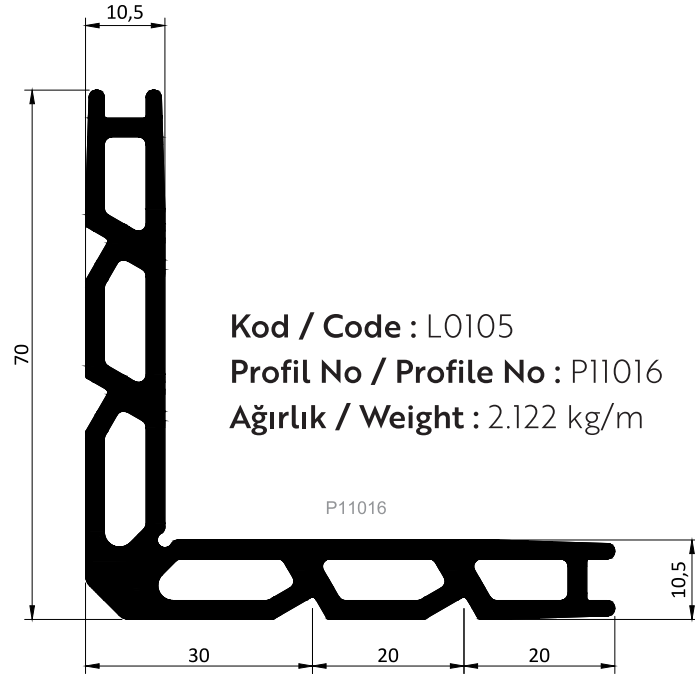
Profil No / Profile No : P11108

Ağırlık / Weight : 0.283 kg/m

PROFİLLER / PROFILES

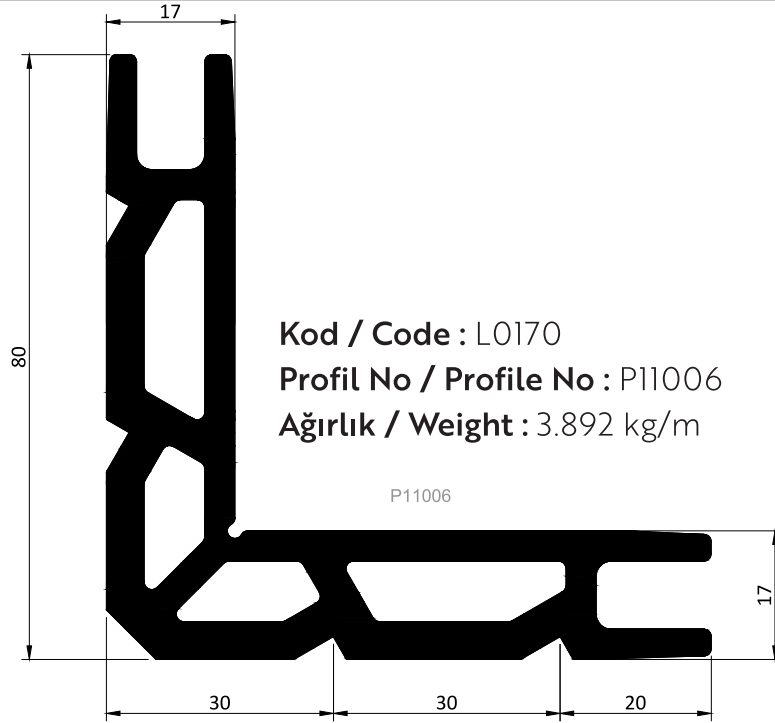
**Kod / Code :** G2223**Profil No / Profile No :** P11109**Ağırlık / Weight :** 0.282 kg/m**Kod / Code :** G2225**Profil No / Profile No :** P11110**Ağırlık / Weight :** 0.288 kg/m**Kod / Code :** G2227**Profil No / Profile No :** P11114**Ağırlık / Weight :** 0.294 kg/m**Kod / Code :** G2229**Profil No / Profile No :** P11115**Ağırlık / Weight :** 0.301 kg/m**Kod / Code :** G2231**Profil No / Profile No :** P11116**Ağırlık / Weight :** 0.308 kg/m**Kod / Code :** G2233**Profil No / Profile No :** P11117**Ağırlık / Weight :** 0.314 kg/m

PROFİLLER / PROFILES



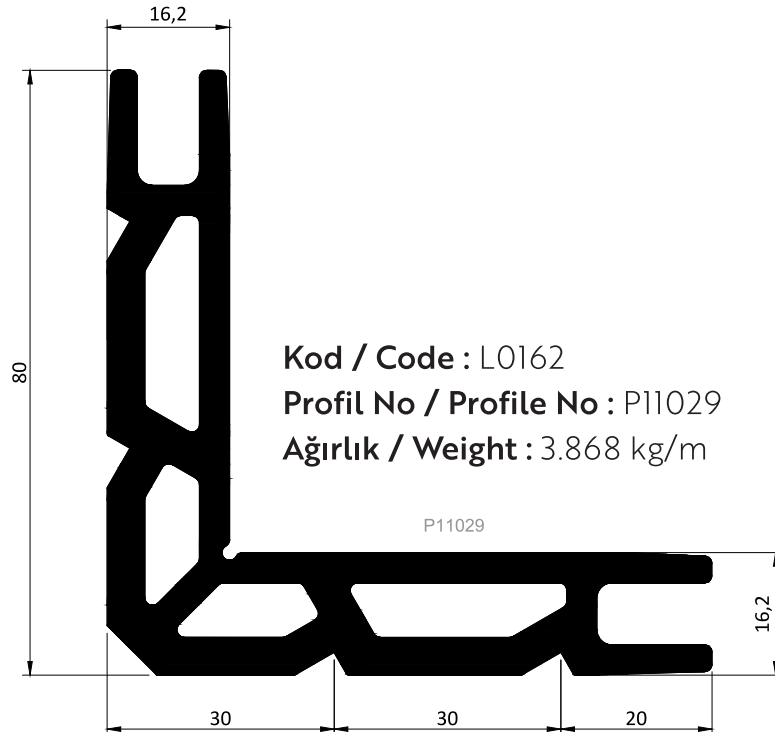
KÖŞE TAKOZLARI / CORNER CLEATS			
PROFİL NO. SYSTEM CODE	 L m	AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING SIZE
ST12001	L0105	105L477	47,7 mm
ST12001	L0105	105L309	30,9 mm
ST12002	L0105	105L246	24,6 mm
ST12002	L0105	105L642	64,2 mm
ST12003	L0105	105L506	50,6 mm
ST12003	L0105	105L246	24,6 mm
ST12003	L0105	105L026	2,6 mm
ST12004	L0105	105L546	54,6 mm
ST12005	L0105	105L477	47,7 mm
ST12005	L0105	105L242	24,2 mm
ST12005	L0105	105L309	30,9 mm
ST12011	L0105	105L288	28,8 mm
ST12036	L0105	105L288	28,8 mm
ST12012	L0105	105L288	28,8 mm
ST12037	L0105	105L477	47,7 mm
ST12037	L0105	105L929	92,9 mm
ST12042	L0105	105L625	62,5 mm
ST12044	L0105	105L477	47,7 mm
ST12044	L0105	105L309	30,9 mm
ST12045	L0105	105L1244	124,4 mm
ST12047	L0105	105L629	62,9 mm
ST12047	L0105	105L246	24,6 mm
ST12049	L0105	105L246	24,6 mm
ST12049	L0105	105L246	24,6 mm
ST12050	L0105	105L506	50,6 mm
ST12050	L0105	105L026	2,6 mm
ST12050	L0105	105L246	24,6 mm
ST12053	L0105	105L625	62,5 mm

PROFİLLER / PROFILES



KÖŞE TAKOZLARI / CORNER CLEATS

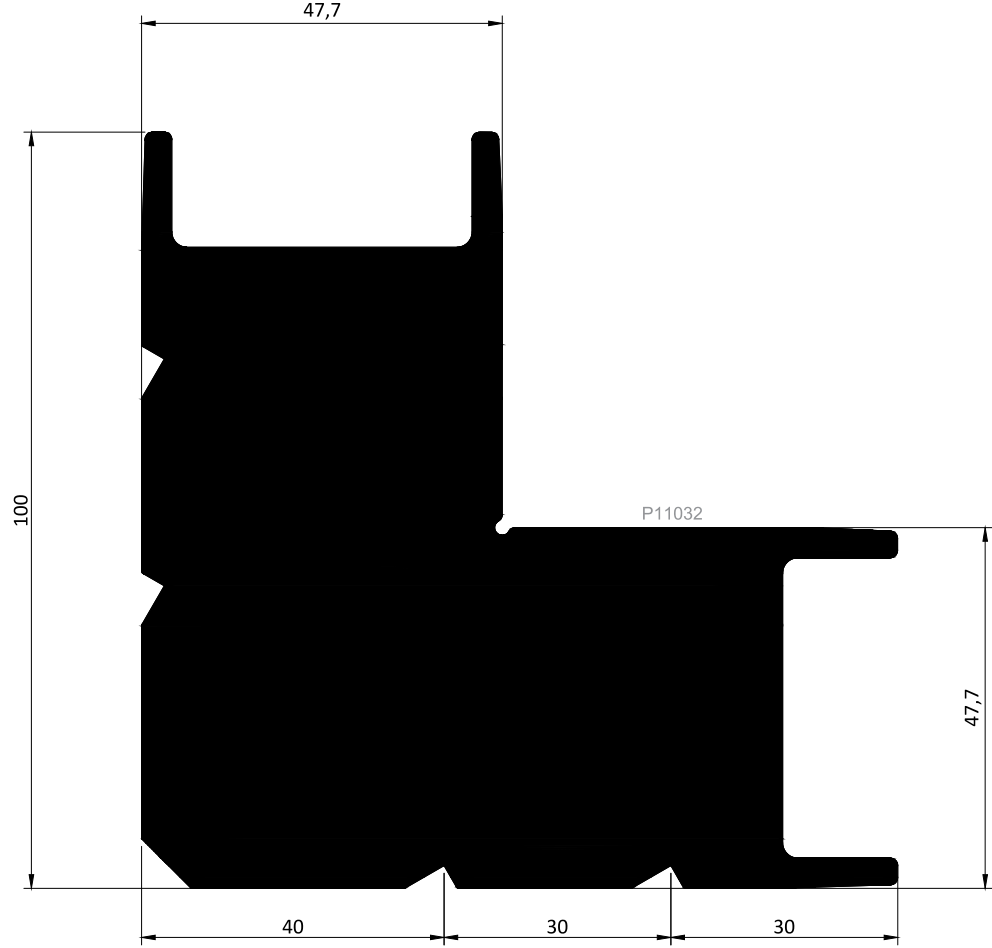
PROFİL NO. SYSTEM CODE	 L m	AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING SIZE
ST12004	L0170	170L234	23,4 mm
ST12004	L0170	170L078	7,8 mm
ST12045	L0170	170L234	23,4 mm
ST12045	L0170	170L078	7,8 mm
ST12053	L0170	170L234	23,4 mm
ST12053	L0170	170L078	7,8 mm



KÖŞE TAKOZLARI / CORNER CLEATS

PROFİL NO. SYSTEM CODE	 L m	AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING SIZE
ST12031	L0162	162L333	33,3 mm

PROFİLLER / PROFILES



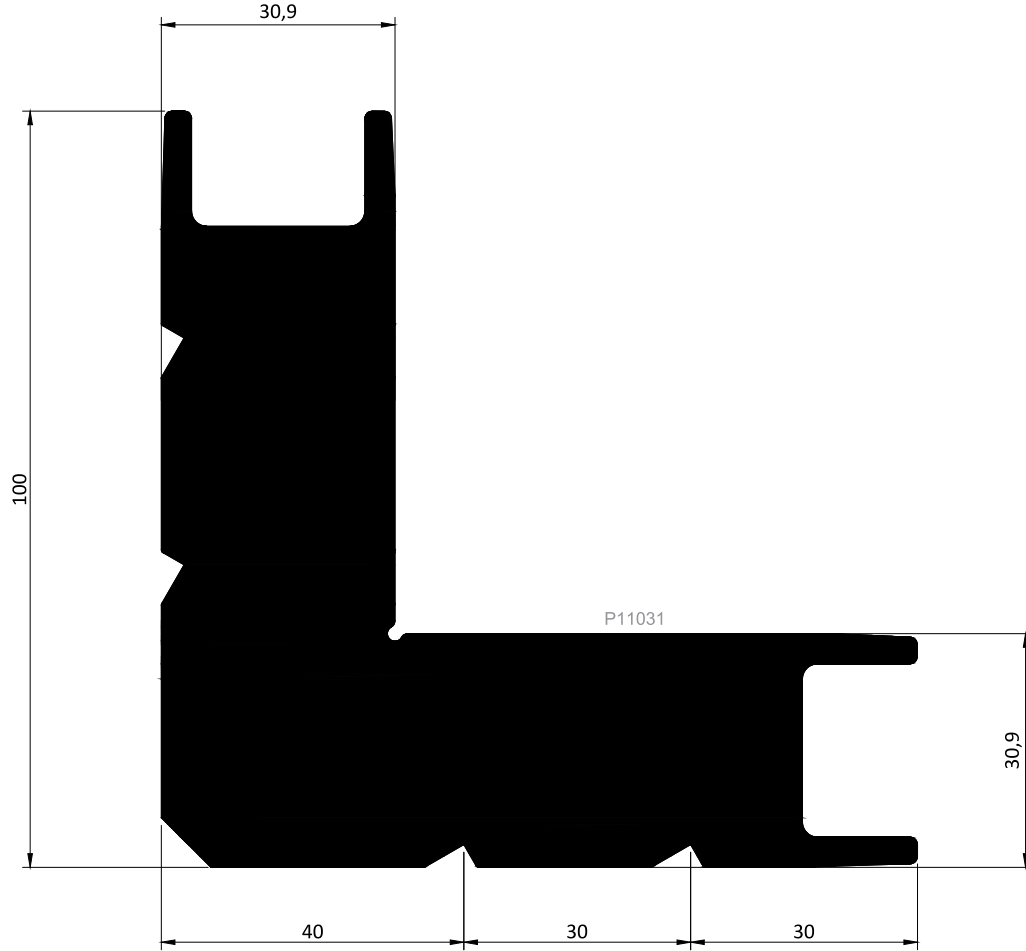
Kod / Code : L0477

Profil No / Profile No : P11032

Ağırlık / Weight : 16.203 kg/m

KÖŞE TAKOZLARI / CORNER CLEATS			
PROFİL NO. SYSTEM CODE	 L m	AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING SIZE
ST12001	L0477	477L105	10,5 mm

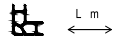
PROFİLLER / PROFILES



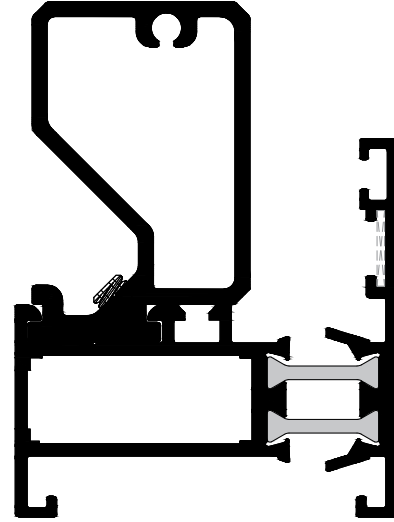
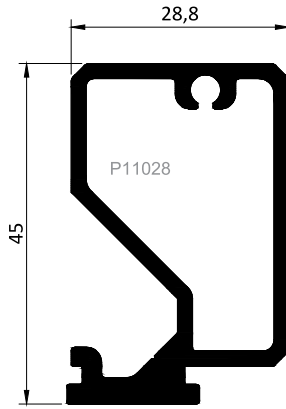
Kod / Code : L0309

Profil No / Profile No : P11031

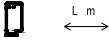
Ağırlık / Weight : 12.061 kg/m

KÖŞE TAKOZLARI / CORNER CLEATS			
PROFİL NO. SYSTEM CODE		AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING SIZE
ST12001	L0309	309L105	10,5 mm

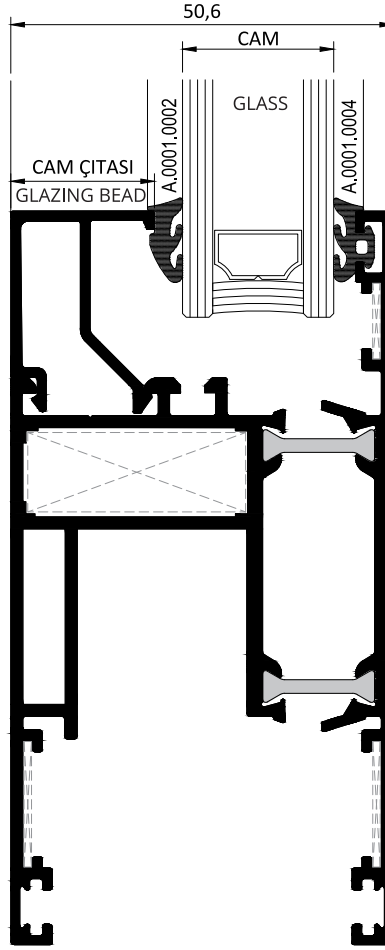
PROFİLLER / PROFILES



Kod / Code : J0004
 Profil No / Profile No : P11028
 Ağırlık / Weight : 0.934 kg/m

ORTA KAYIT BAĞLANTI/MULLION CONNECTION PIECE			
PROFİL NO. SYSTEM CODE		AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING SIZE
ST12013	J0004	004J570	57,0 mm
ST12014	J0004	004J105	10,5 mm

CAM DETAYI / GLASS DETAILS

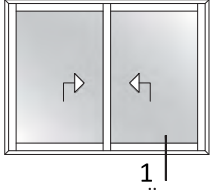
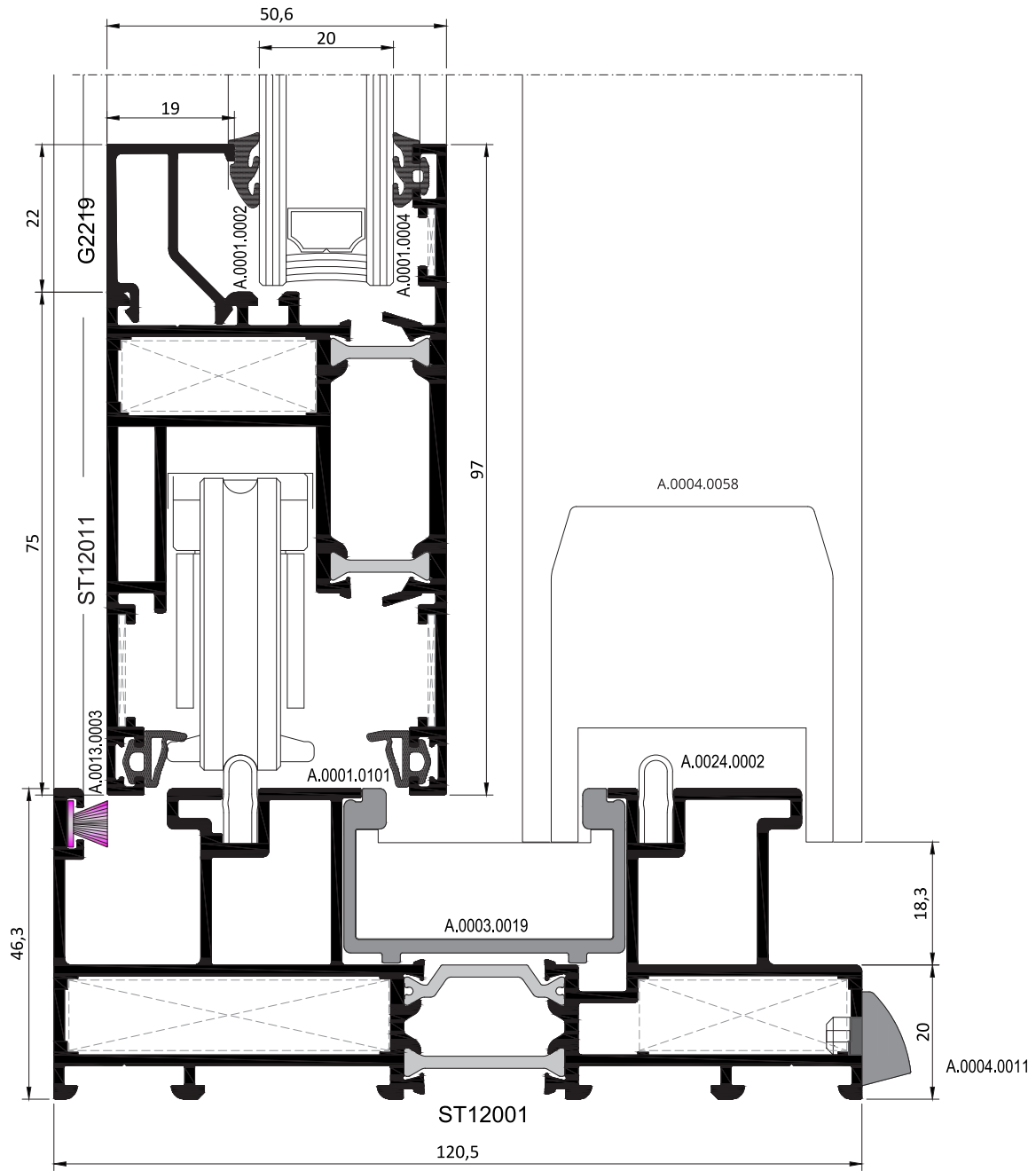


				
Cam <i>(Glass)</i>	Cam Çıtası <i>(Glazing Bead)</i>	A(mm)	İç Cam Fitili <i>(Inside Glazing Gasket)</i>	Dış Cam Fitili <i>(Outside Glazing Gasket)</i>
6	G2233	33	A.0001.0002	A.0001.0004
8	G2231	31	A.0001.0002	A.0001.0004
10	G2229	29	A.0001.0002	A.0001.0004
12	G2227	27	A.0001.0002	A.0001.0004
14	G2225	25	A.0001.0002	A.0001.0004
16	G2223	23	A.0001.0002	A.0001.0004
18	G2221	21	A.0001.0002	A.0001.0004
20	G2219	19	A.0001.0002	A.0001.0004
22	G2217	17	A.0001.0002	A.0001.0004
24	G2215	15	A.0001.0002	A.0001.0004
26	G2213	13	A.0001.0002	A.0001.0004
28	G2211	11	A.0001.0002	A.0001.0004
30	G2209	9	A.0001.0002	A.0001.0004
32	G2207	7	A.0001.0002	A.0001.0004
34	G2205	5	A.0001.0002	A.0001.0004

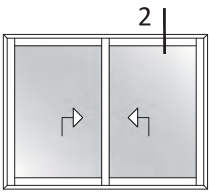


DETAYLAR DETAILS

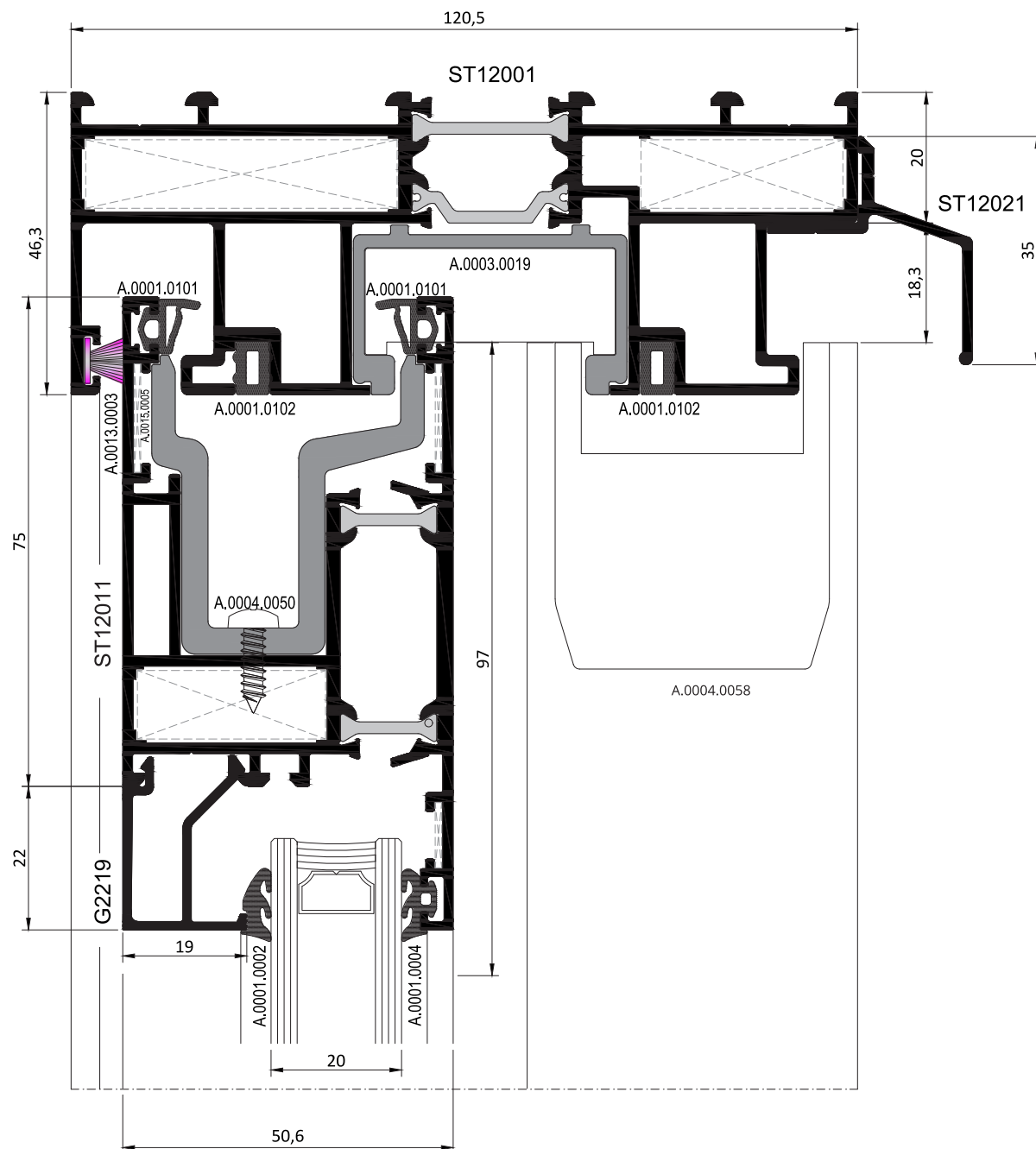
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KALDIR-SÜR DETAYI
LIFT & SLIDE DETAIL

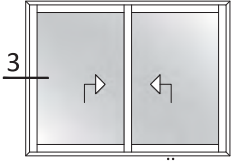
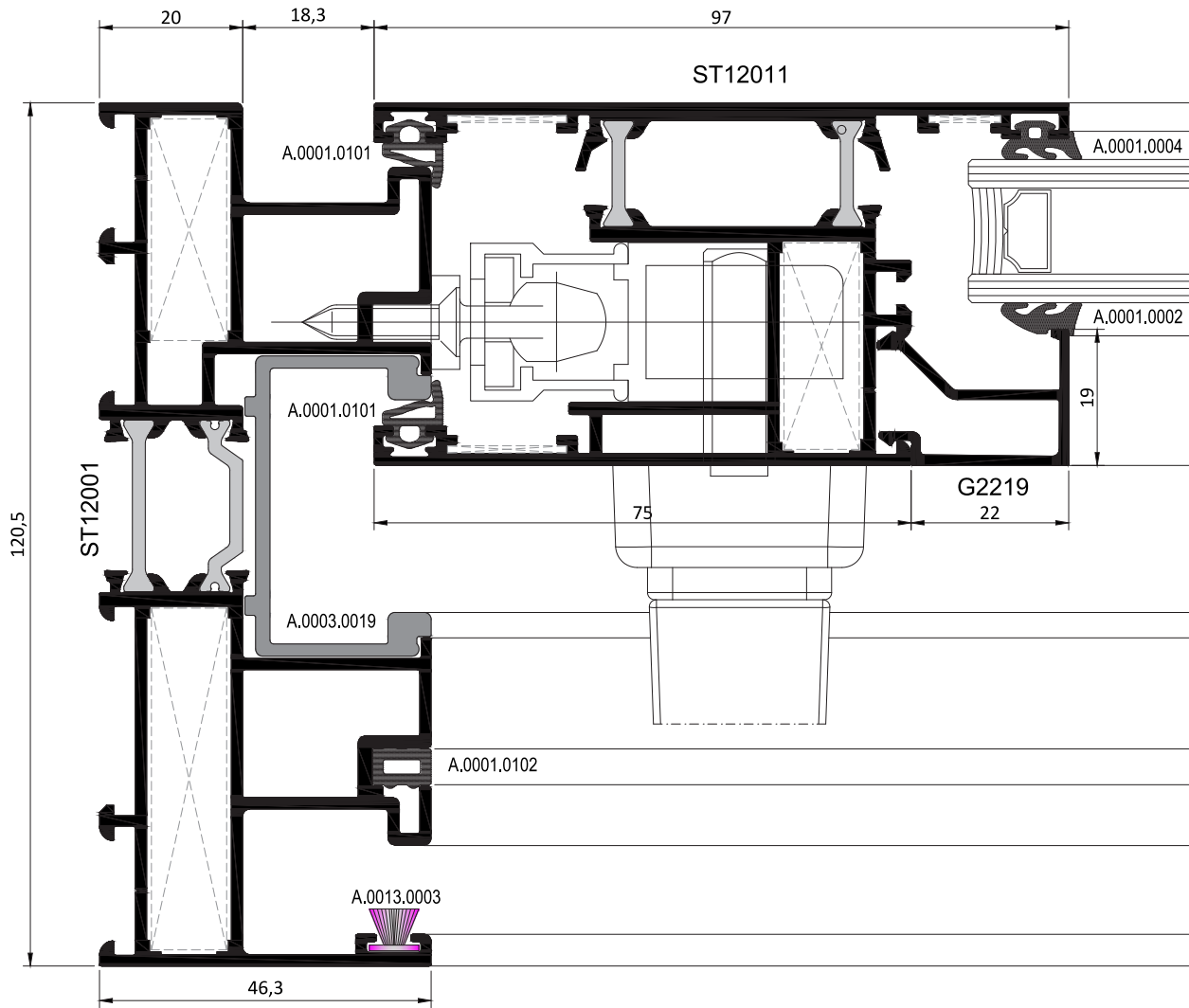
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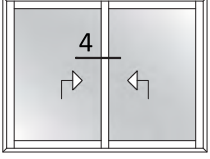
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LIFT & SLIDE DETAIL



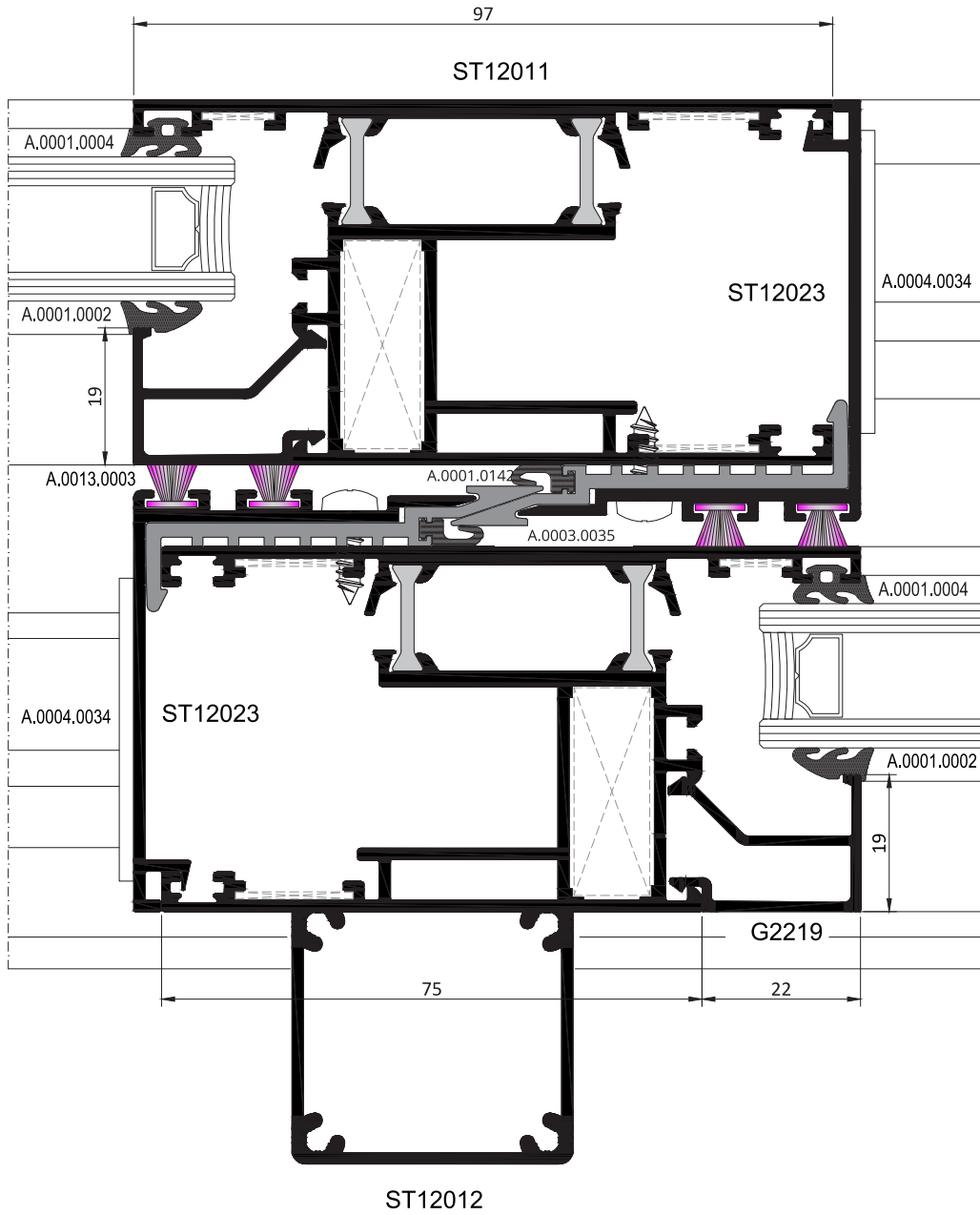
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KALDIR-SÜR DETAYI
LIFT & SLIDE DETAIL

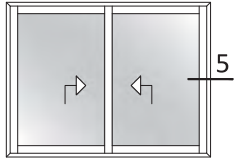
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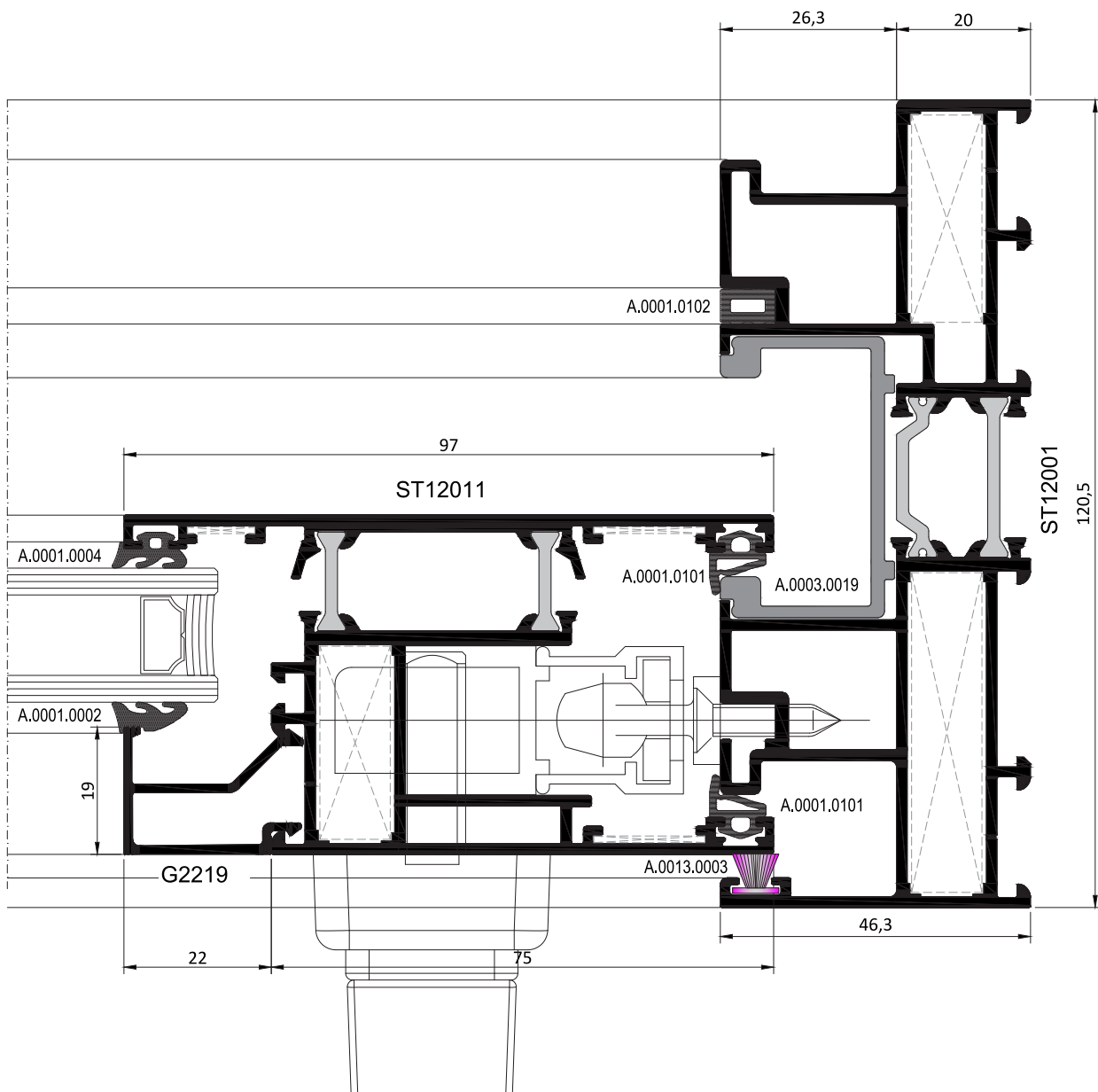
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LIFT & SLIDE DETAIL



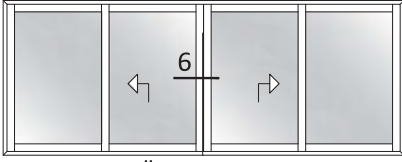
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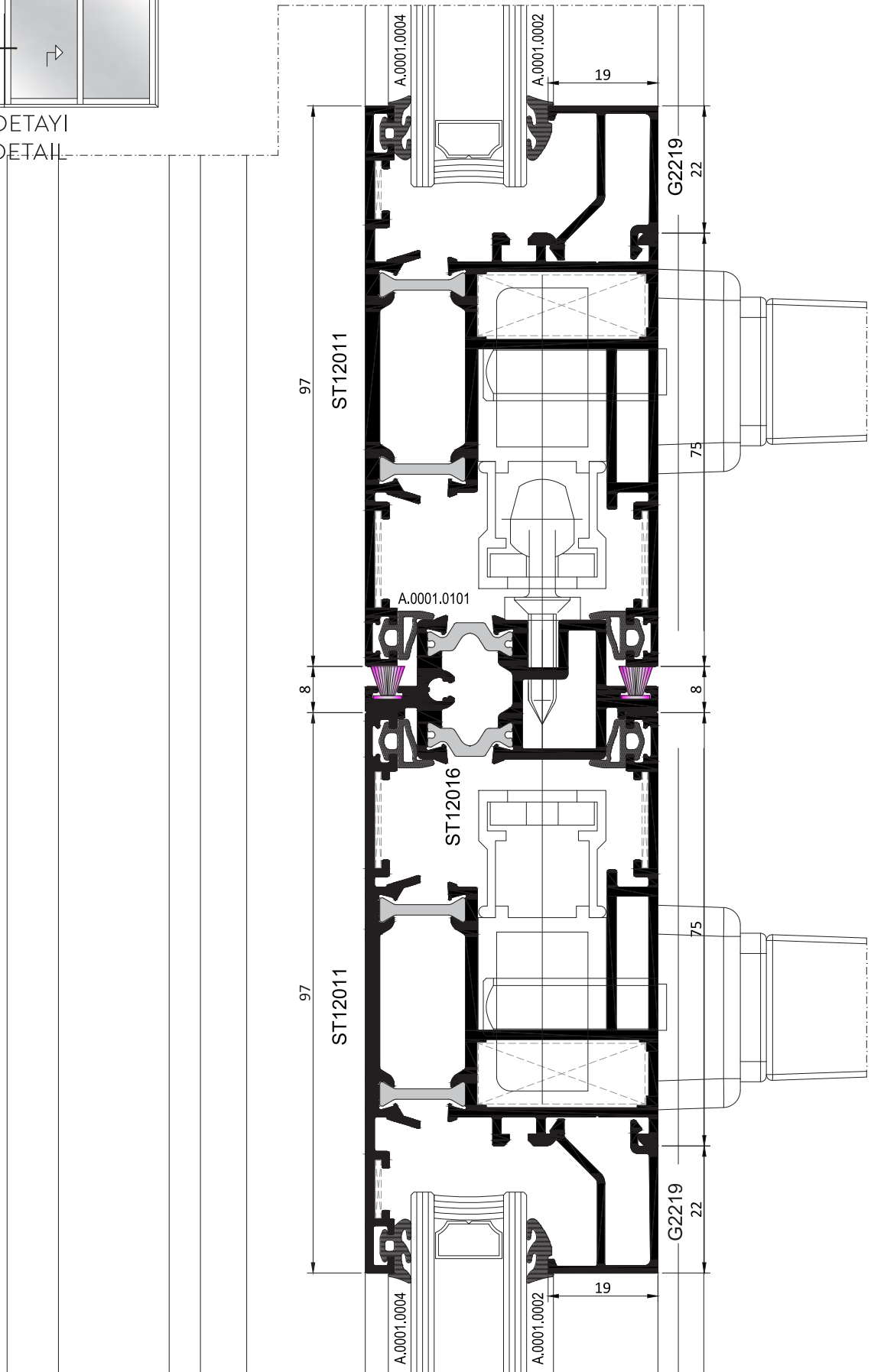
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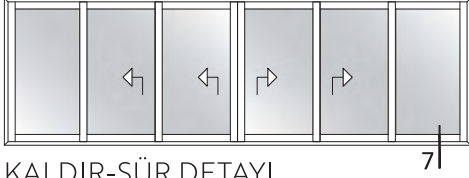
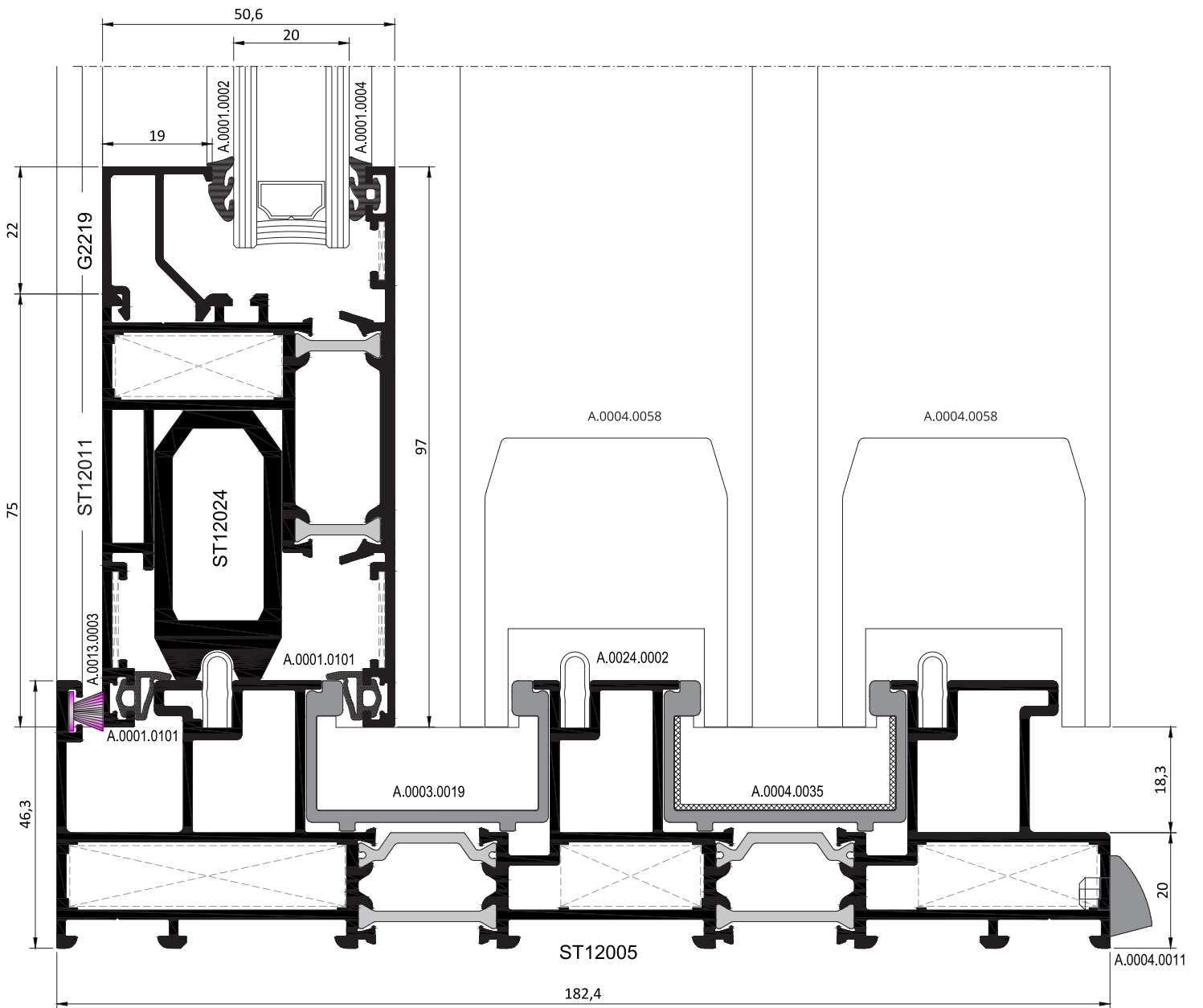
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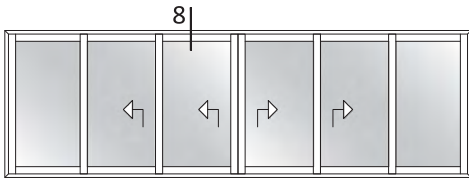
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LIFT & SLIDE DETAIL



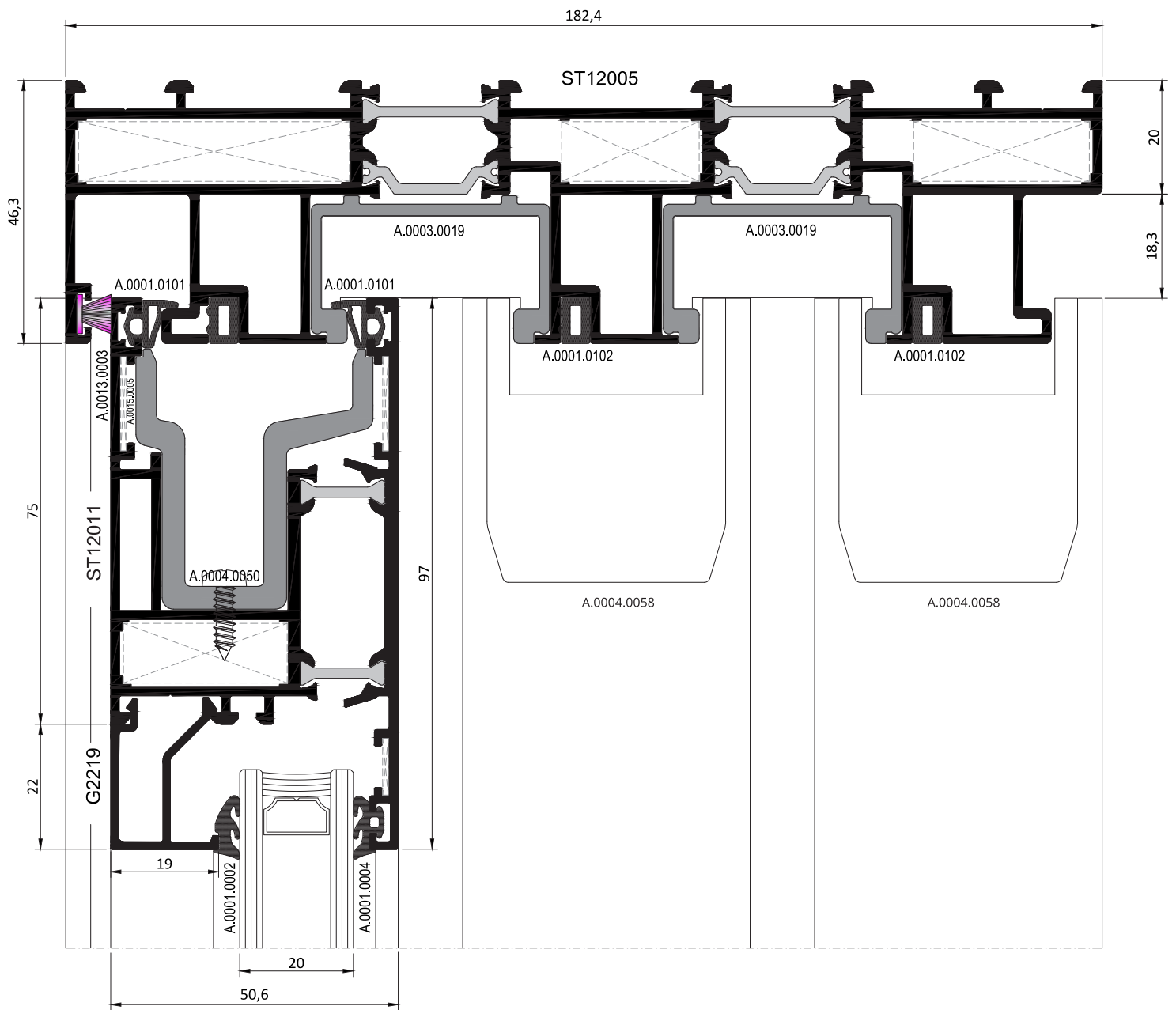
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KALDIR-SÜR DETAYI
LIFT & SLIDE DETAIL

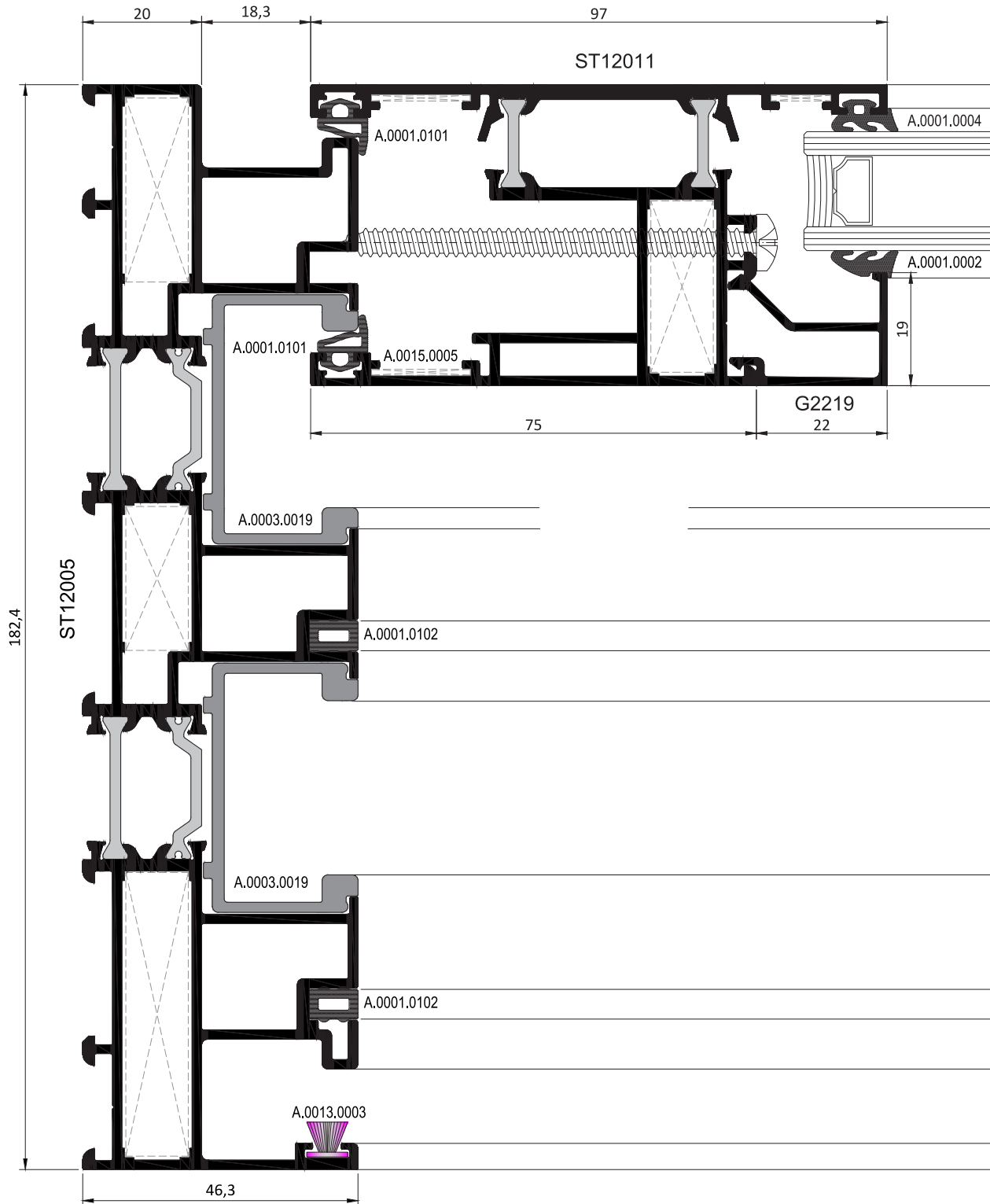
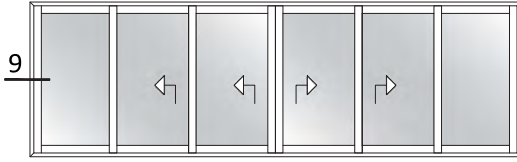
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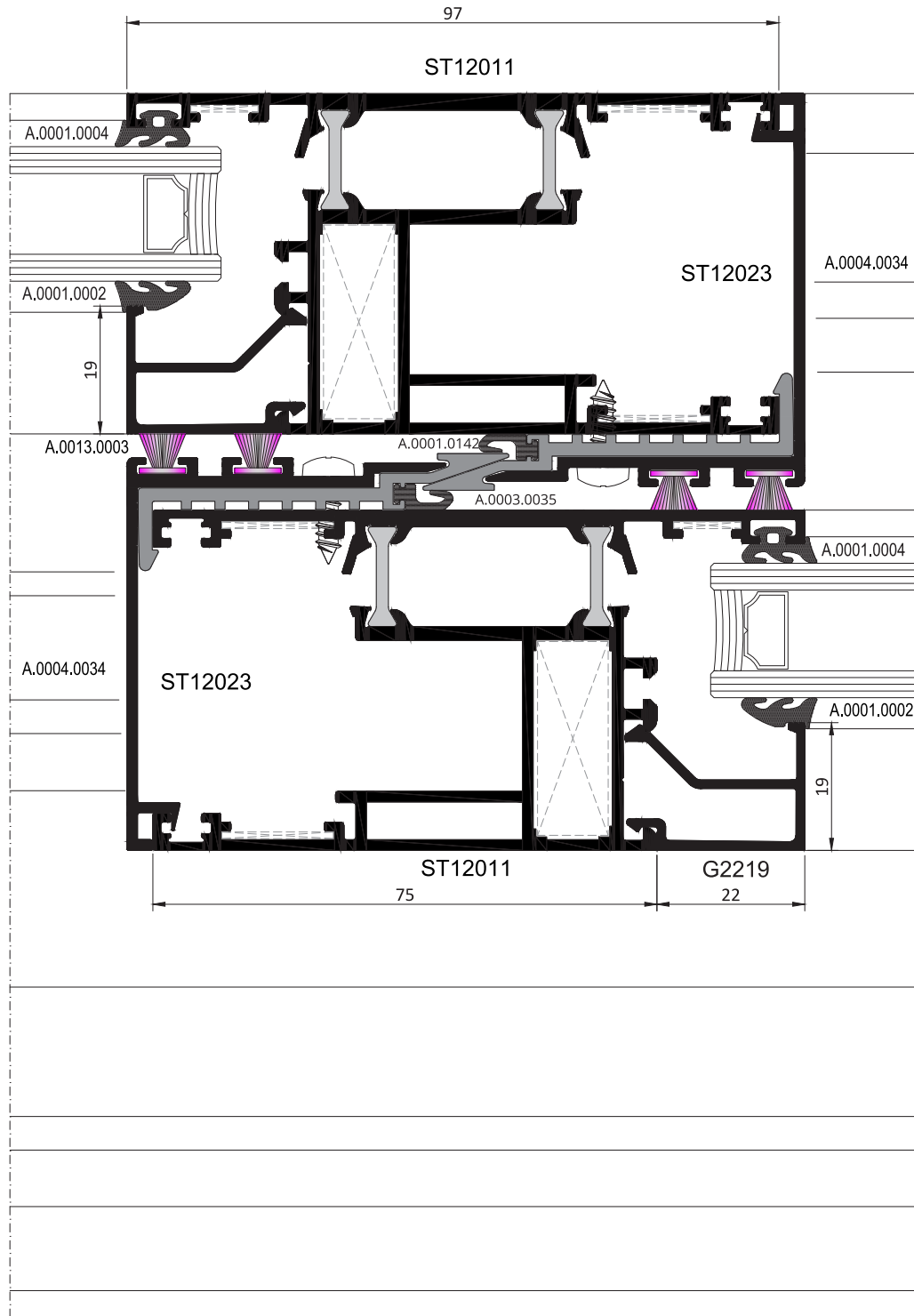
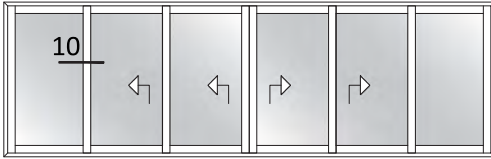
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LIFT & SLIDE DETAIL



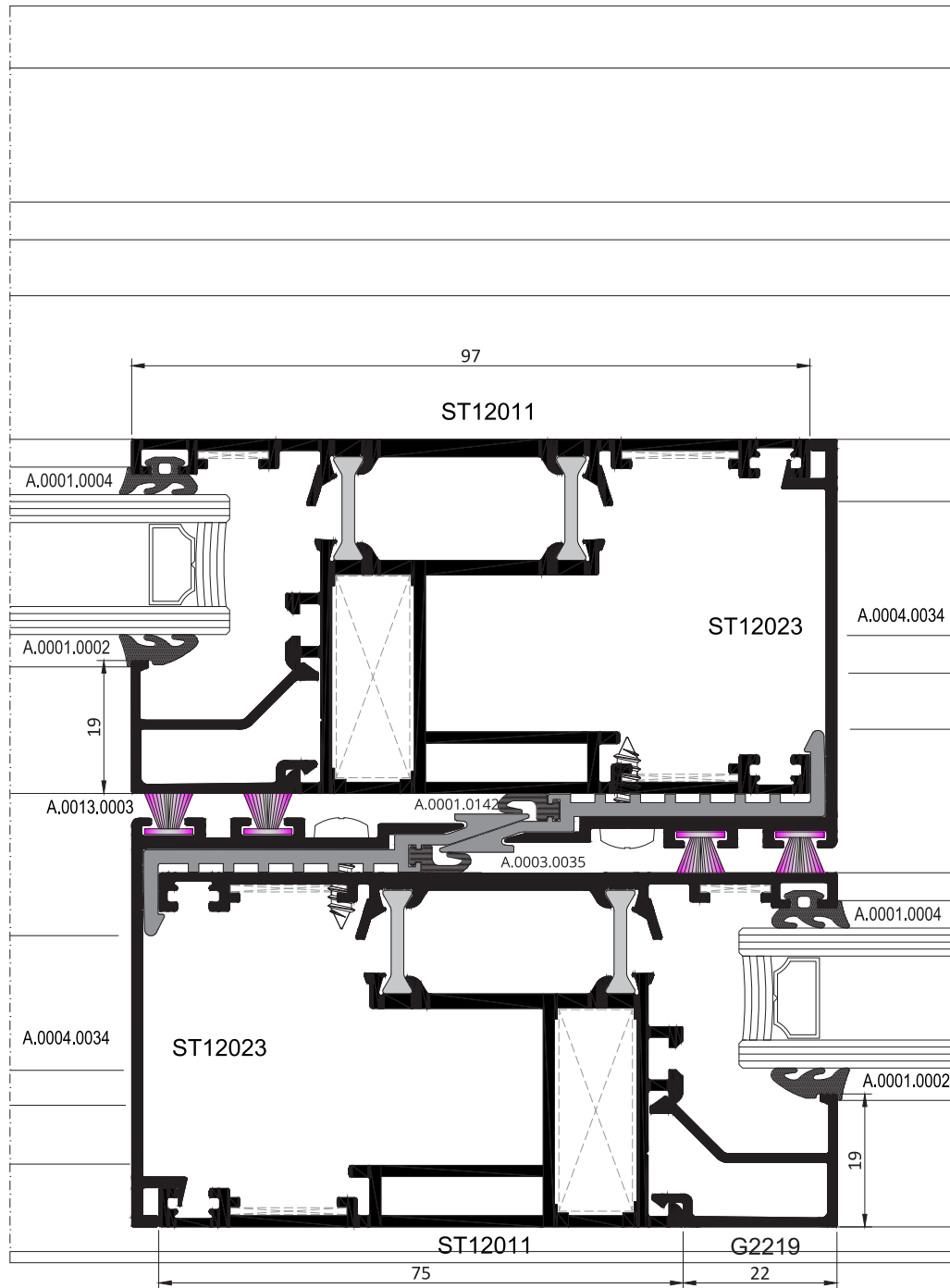
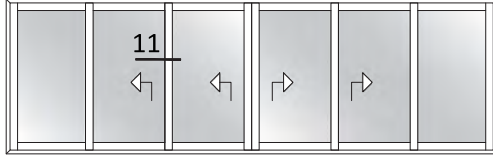
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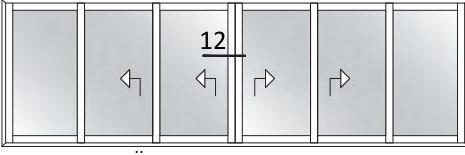
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DETAYLAR / DETAILS



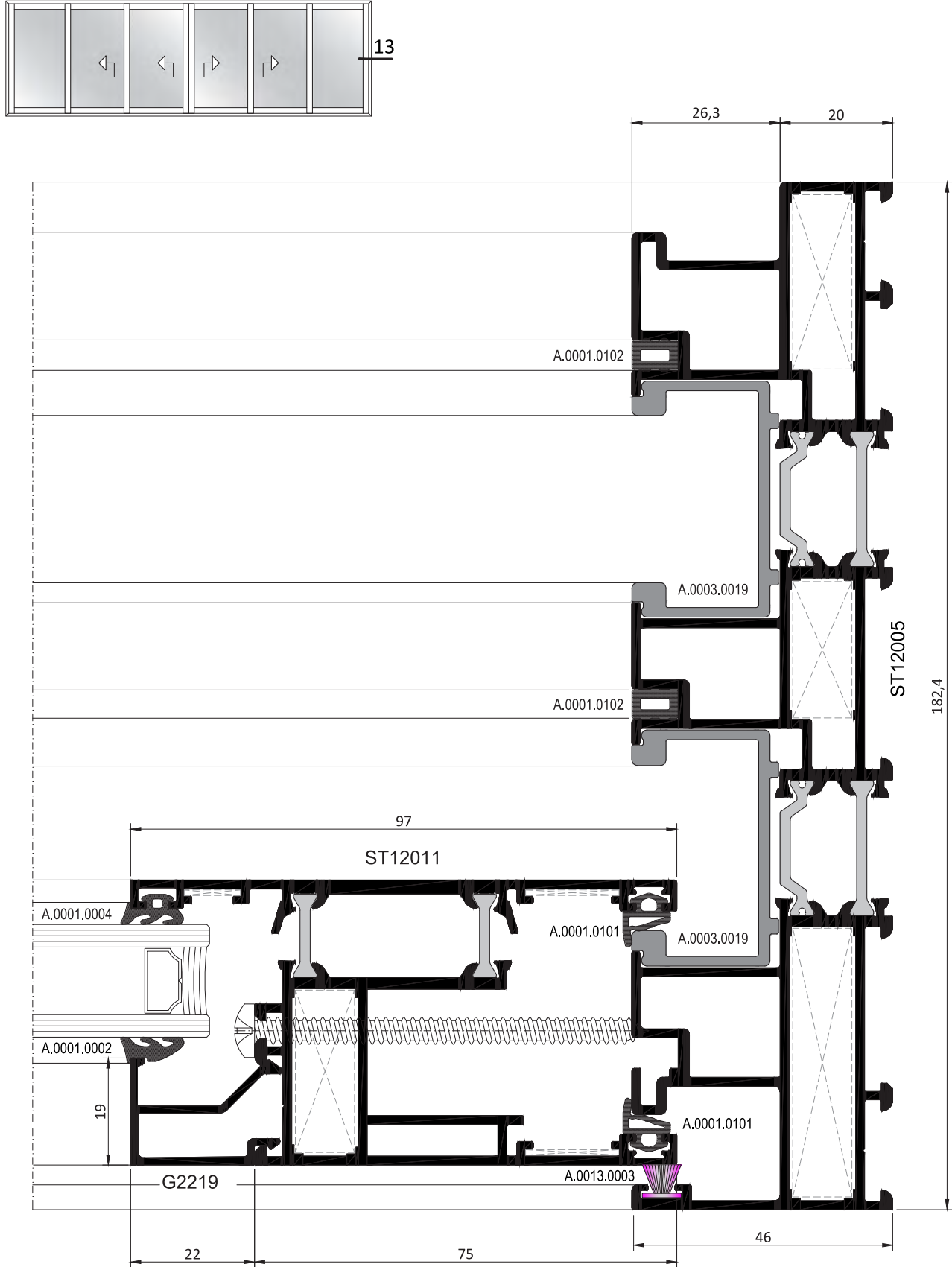
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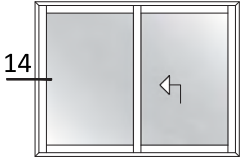
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LIFT & SLIDE DETAIL



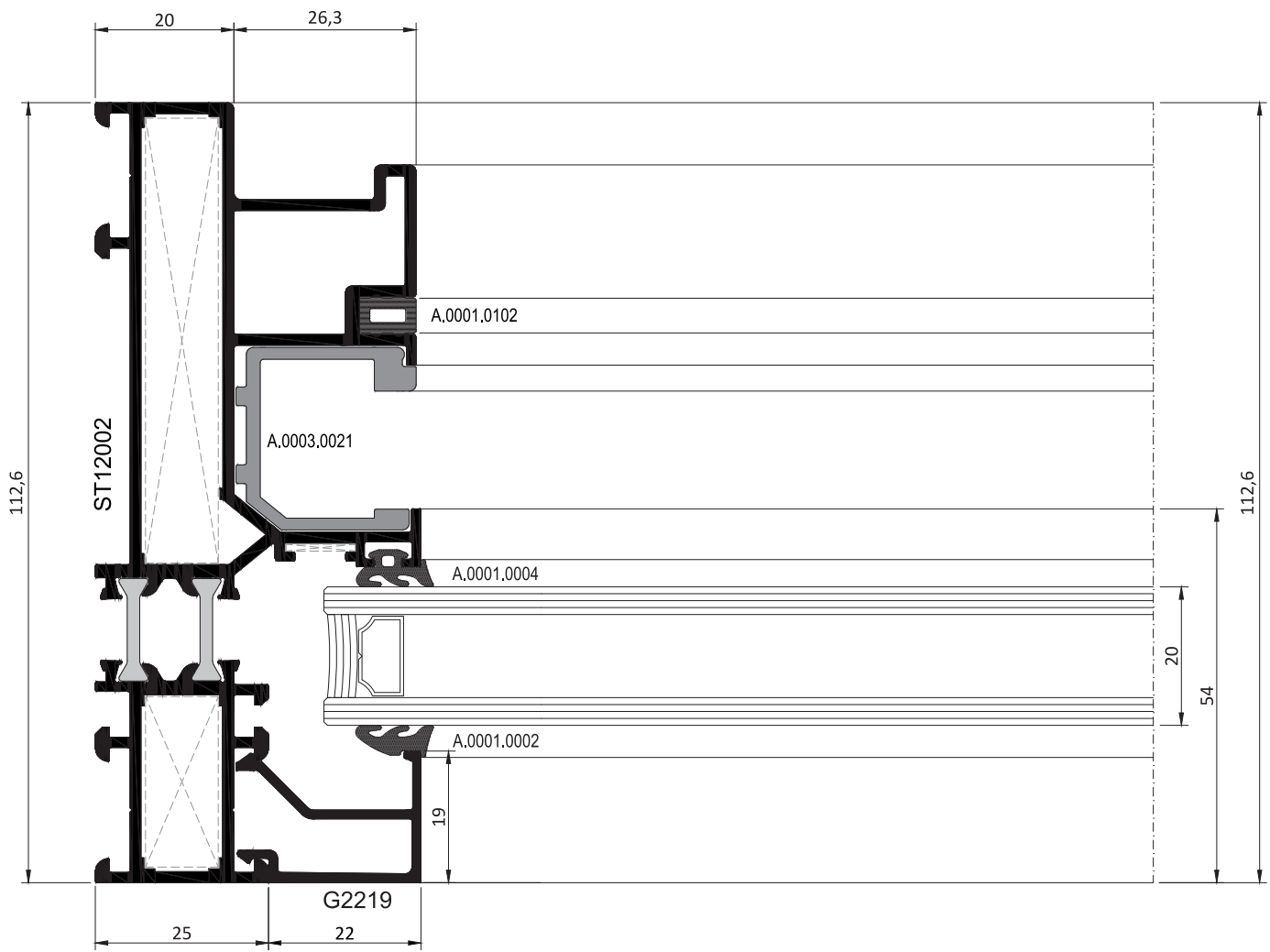
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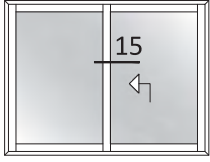
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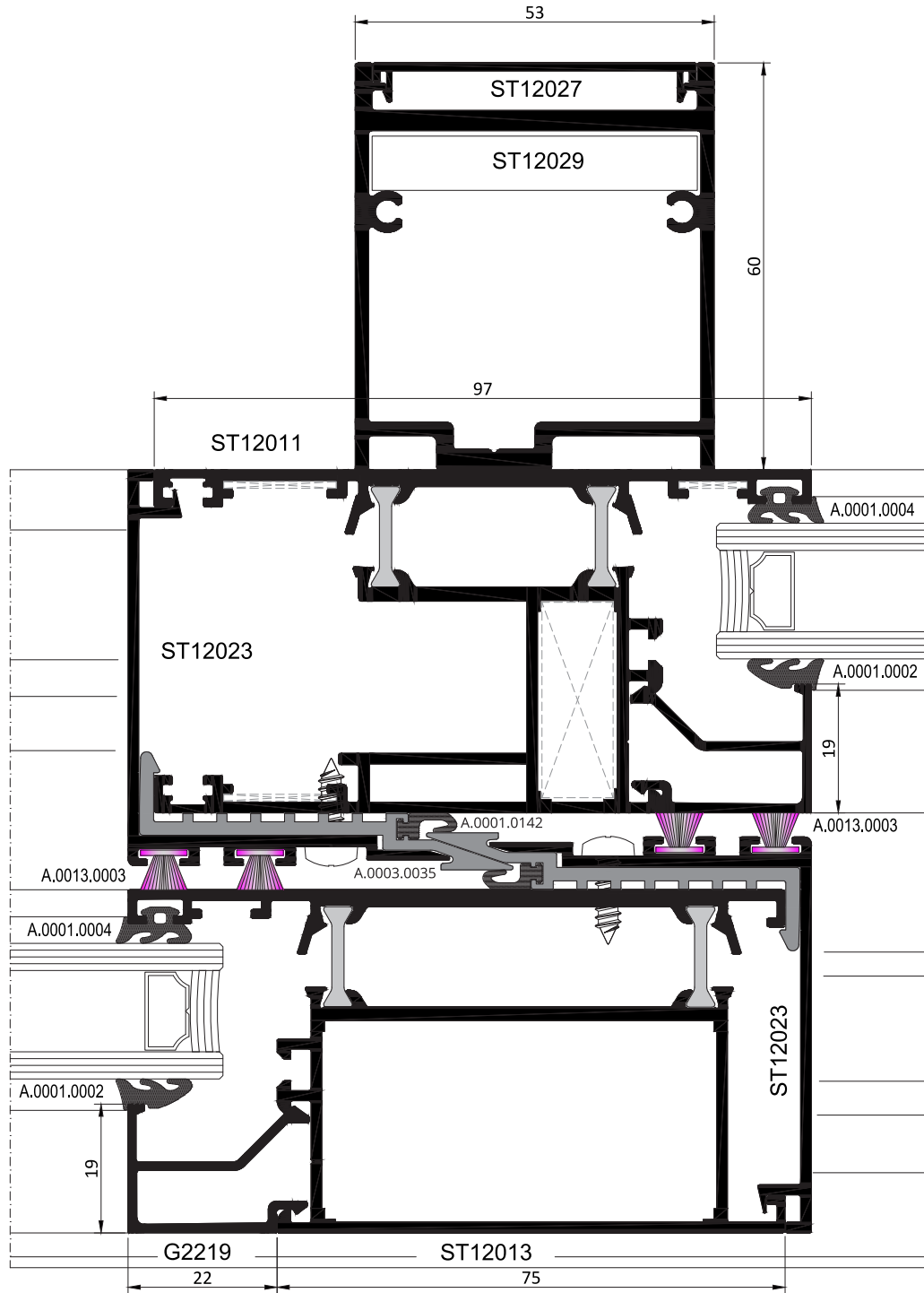
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MONORAIL LIFT & SLIDE DETAIL



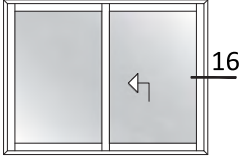
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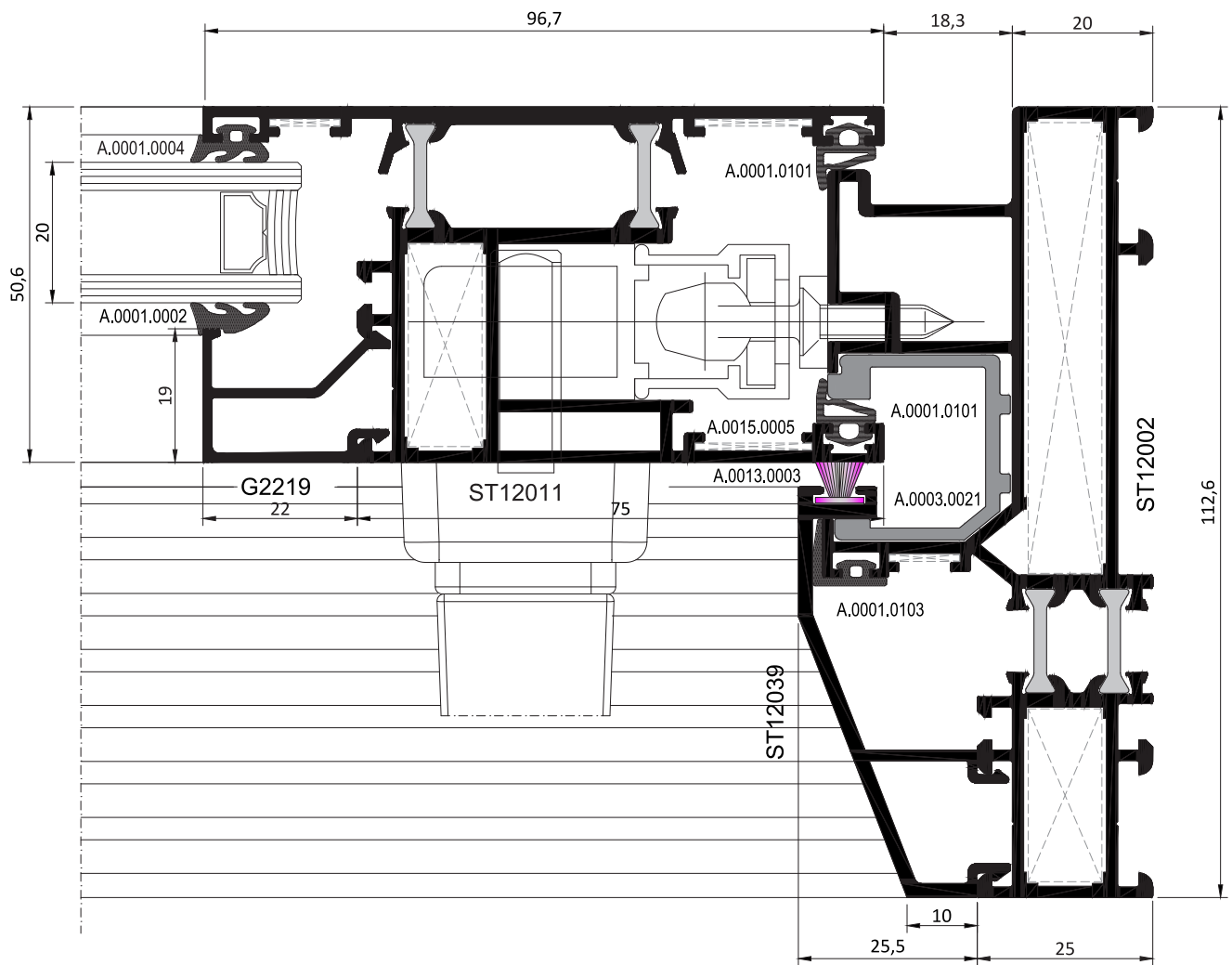
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MONORAIL LIFT & SLIDE DETAIL



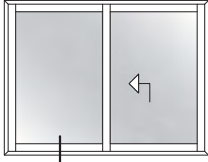
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MONORAIL KALDIR-SÜR DETAYI
MONORAIL LIFT & SLIDE DETAIL

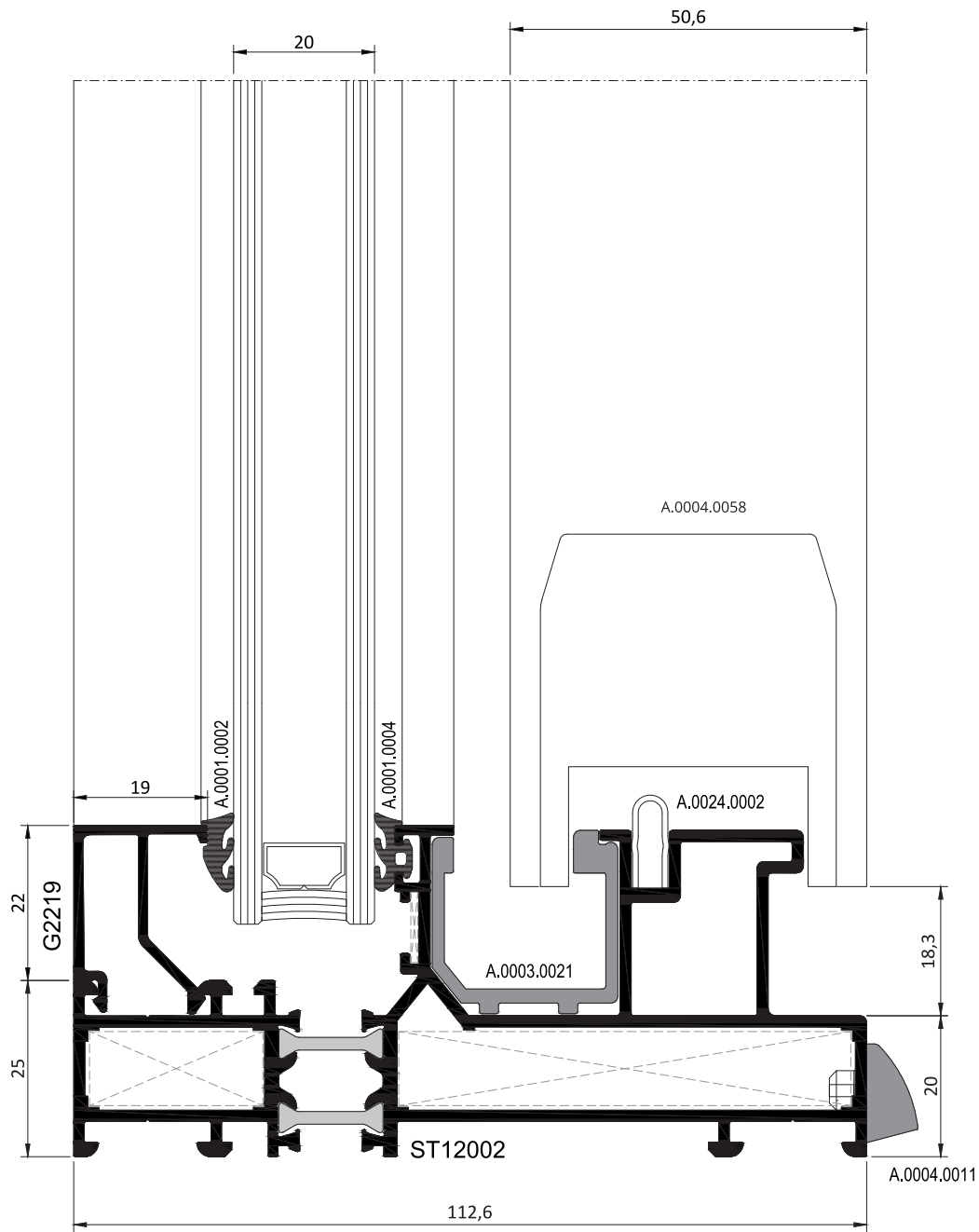


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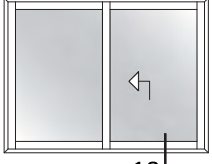


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MONORAIL KALDIR-SÜR DETAYI
MONORAIL LIFT & SLIDE DETAIL

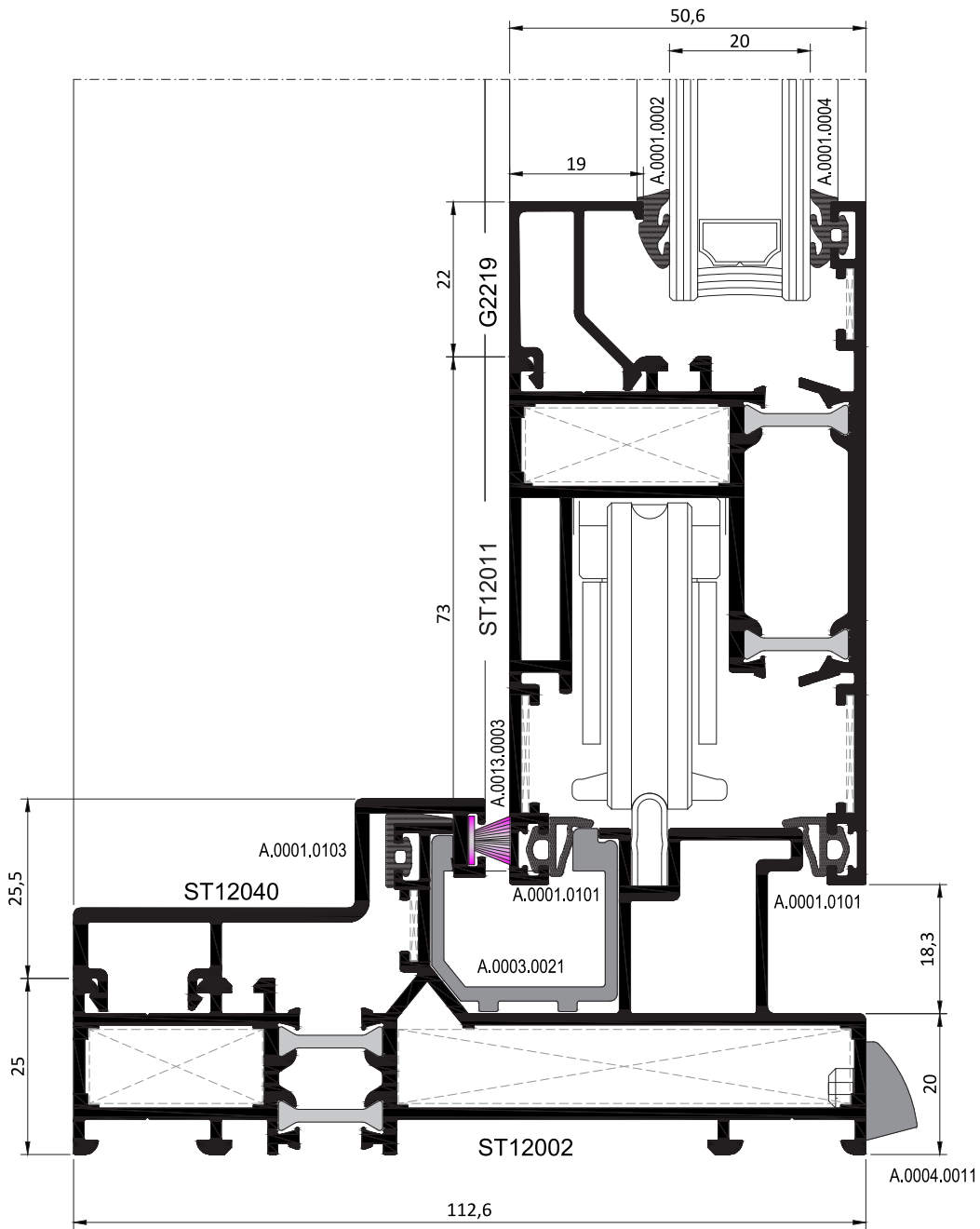


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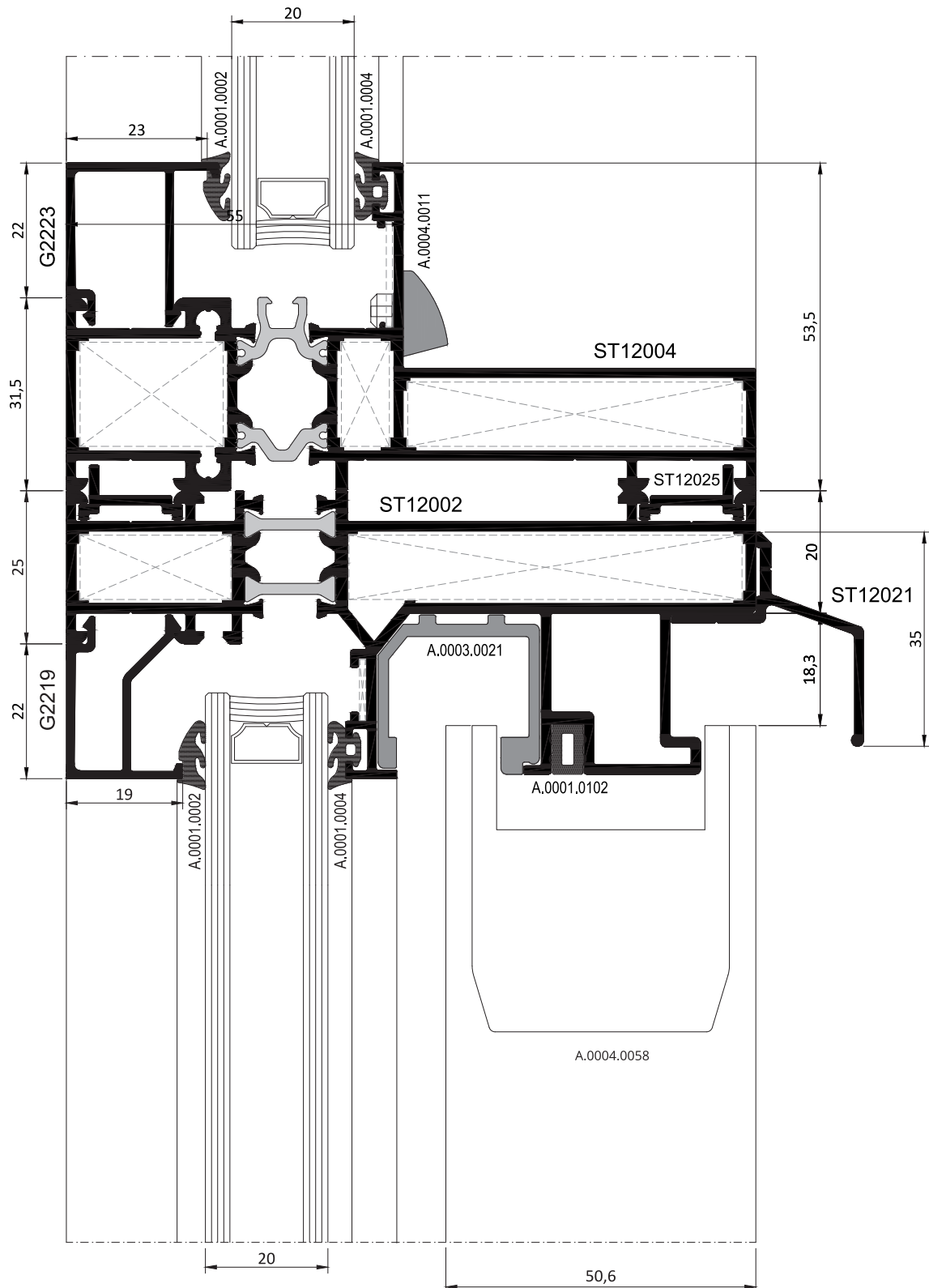
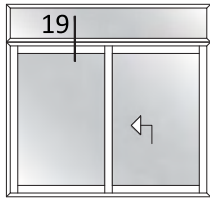


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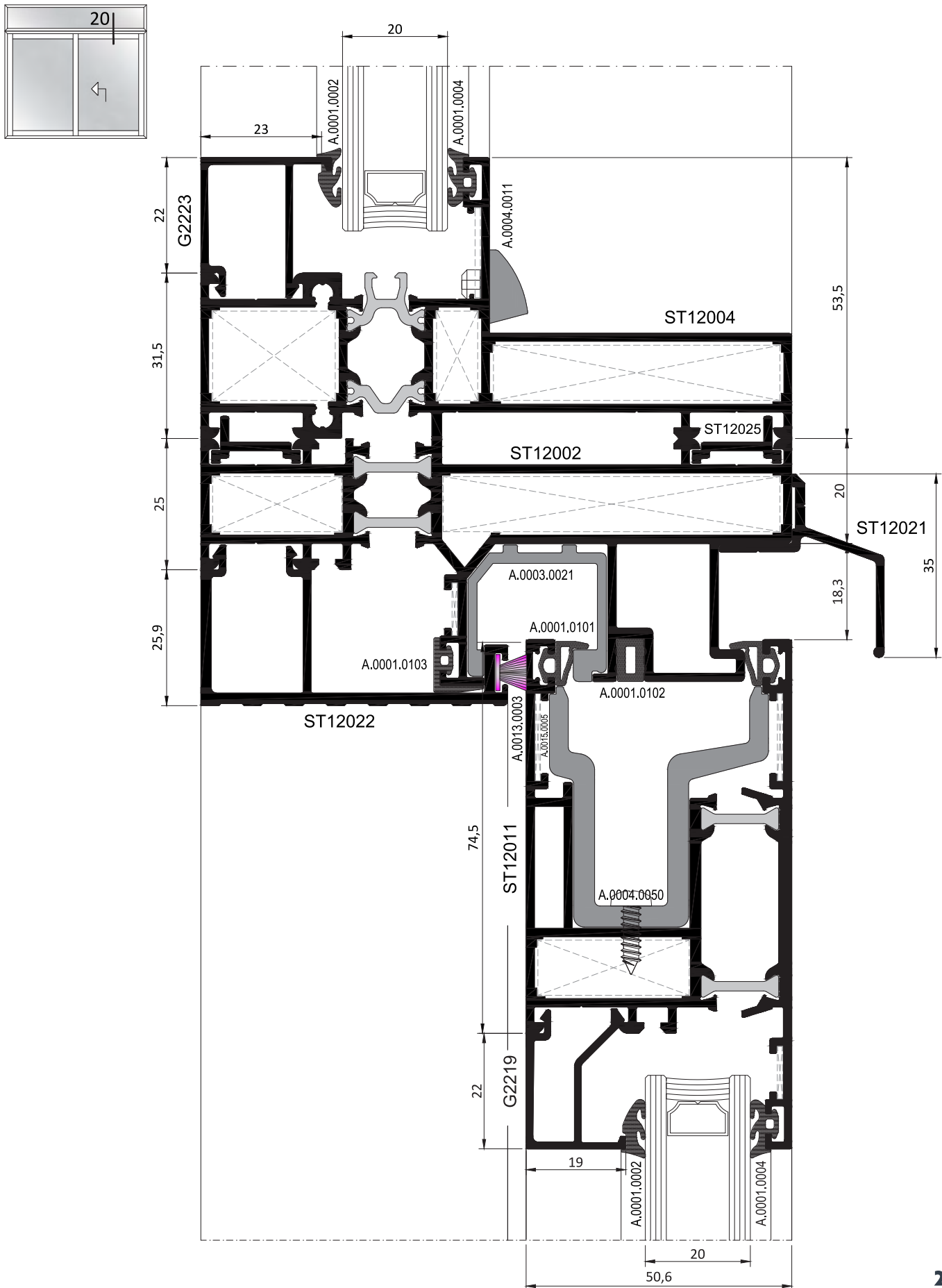
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MONORAIL LIFT & SLIDE DETAIL



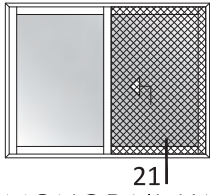
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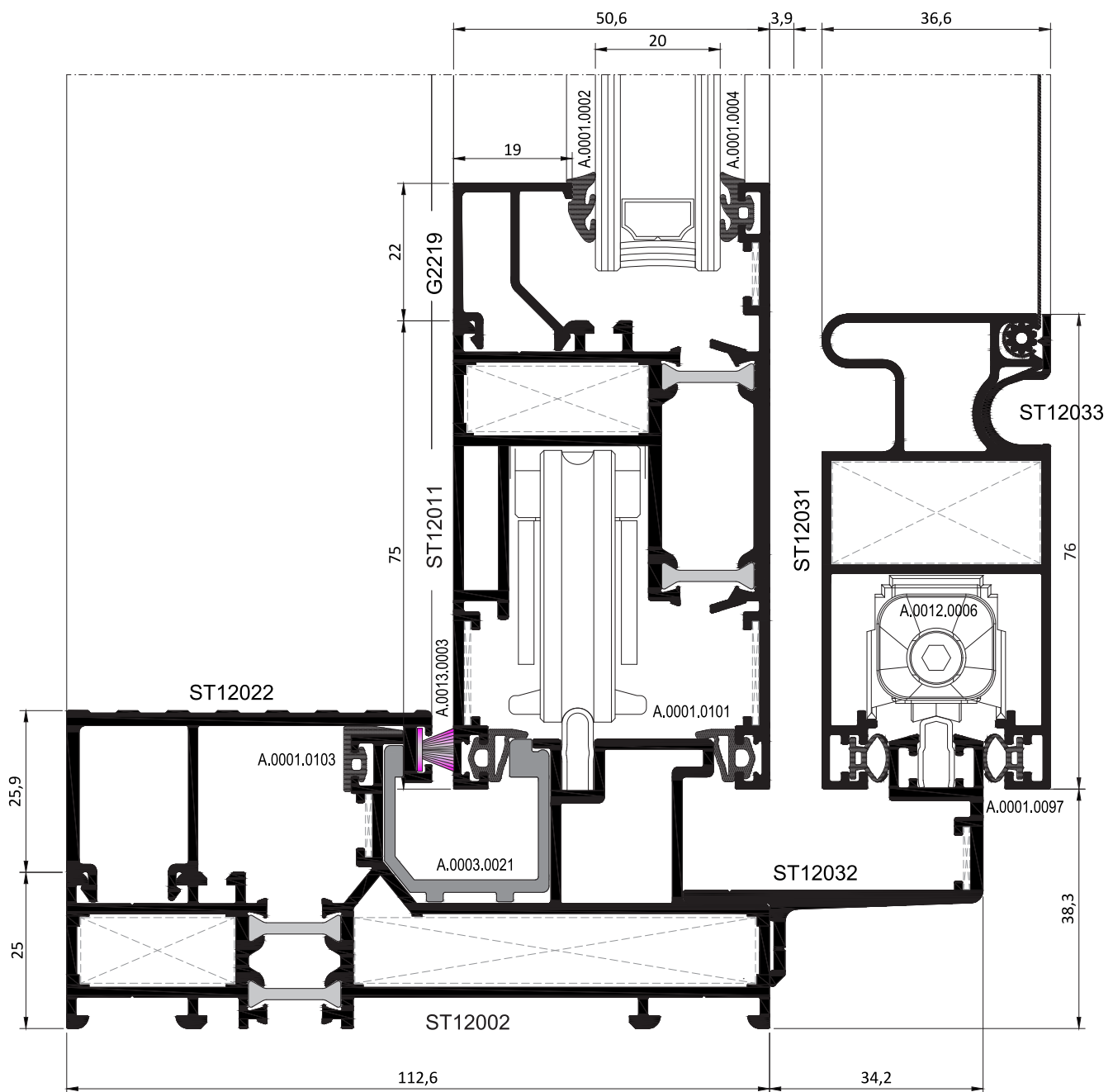
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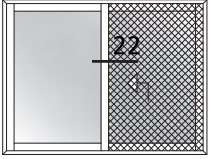
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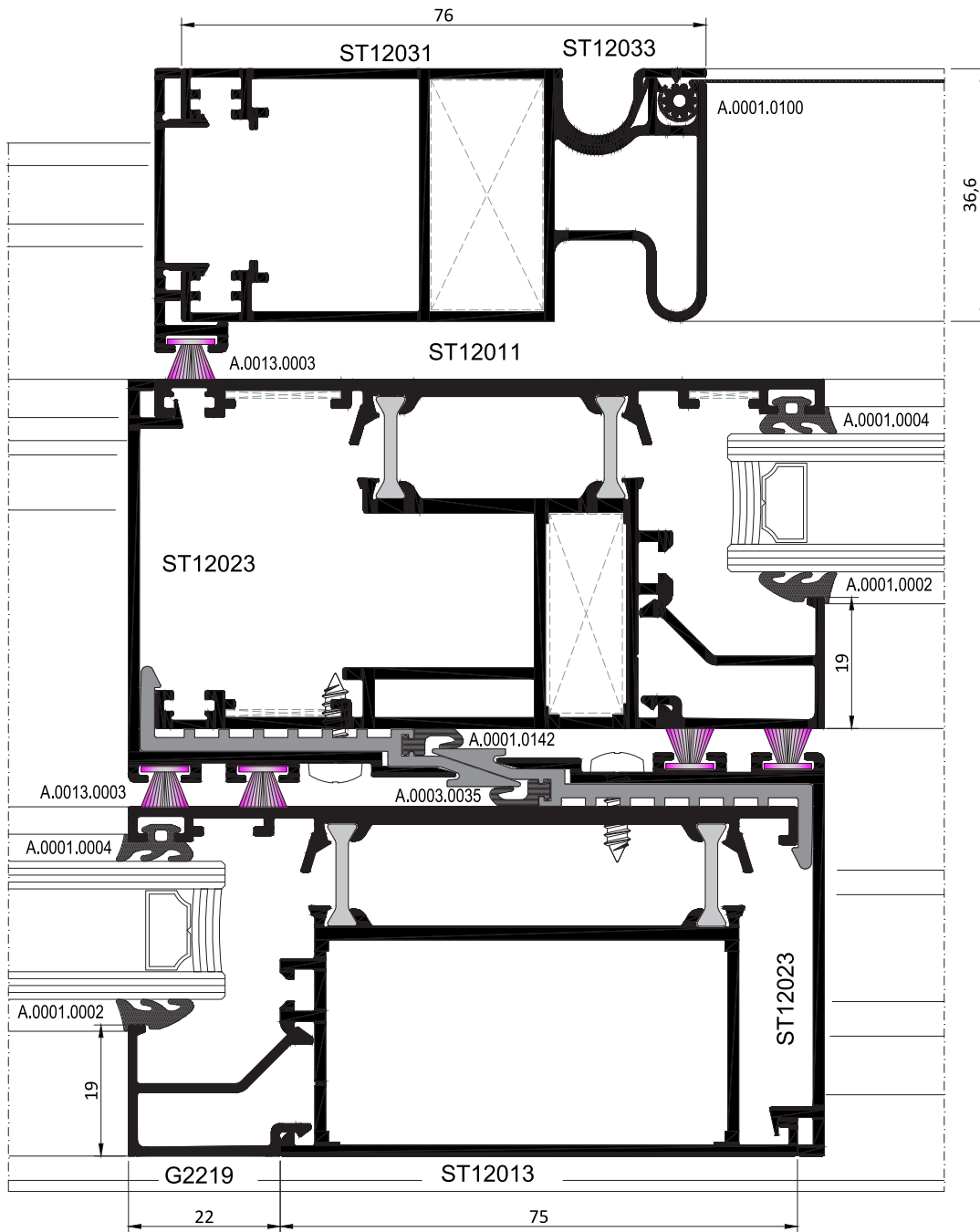
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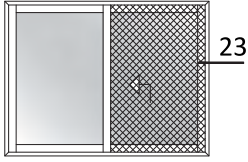
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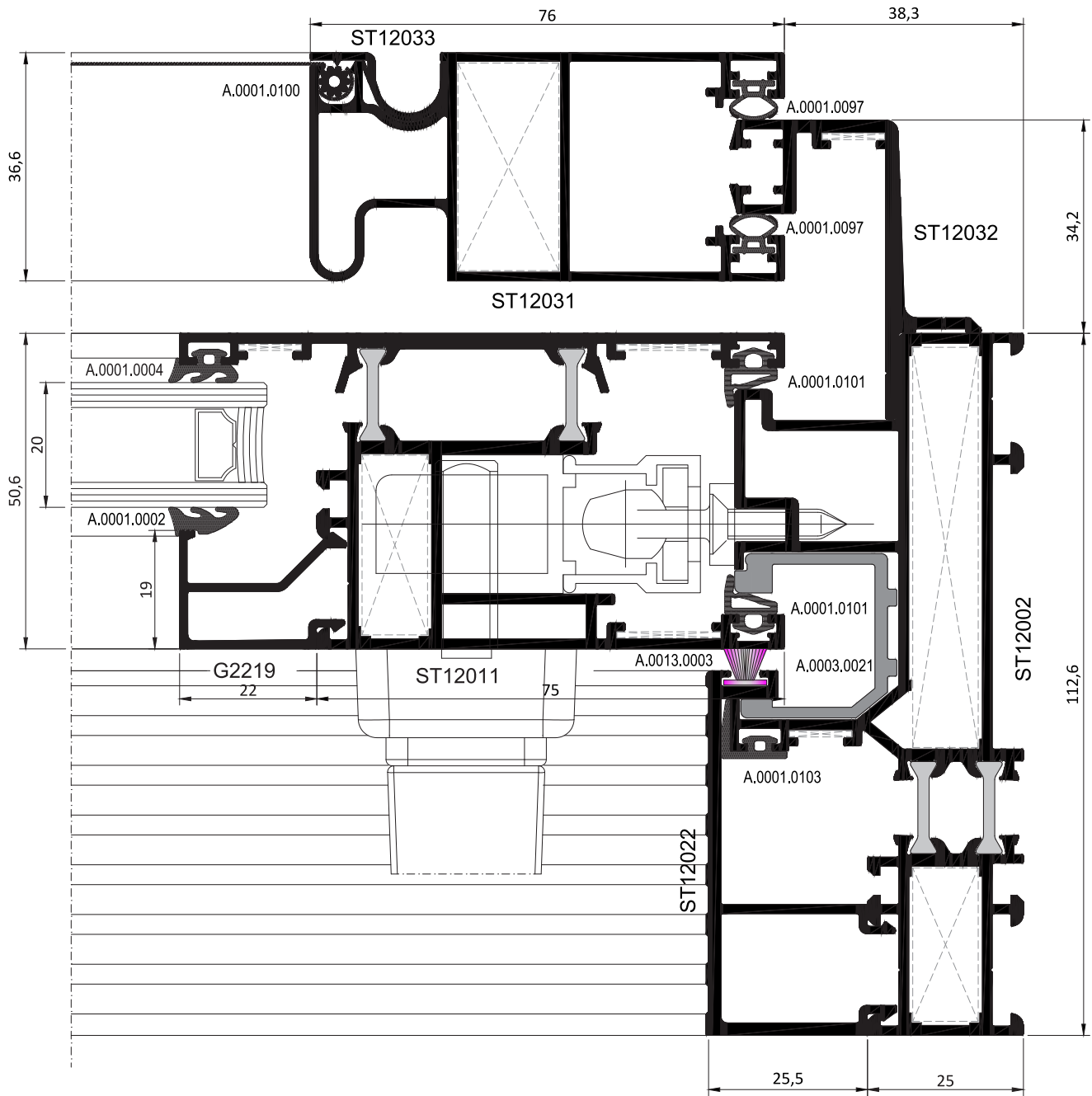
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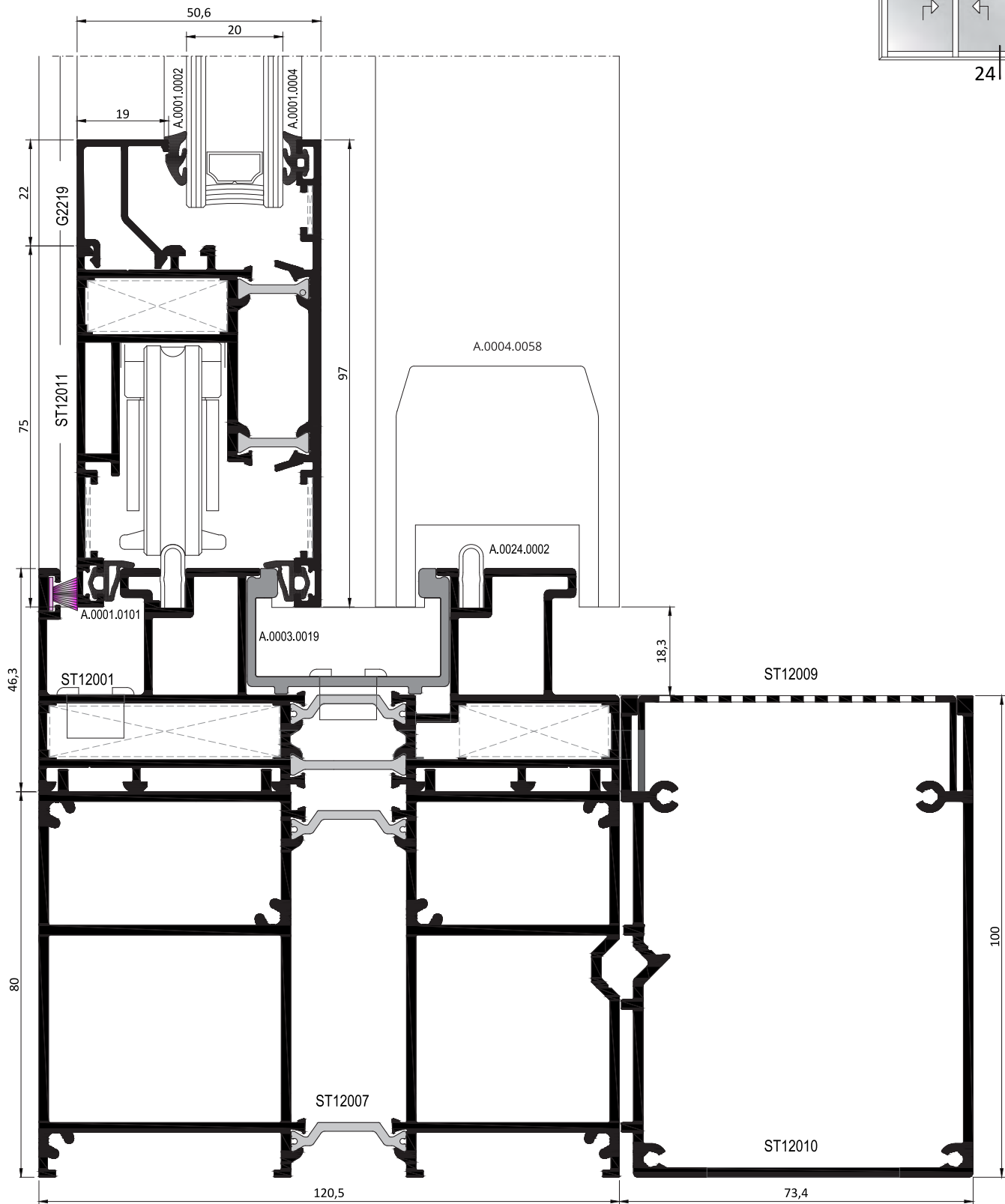
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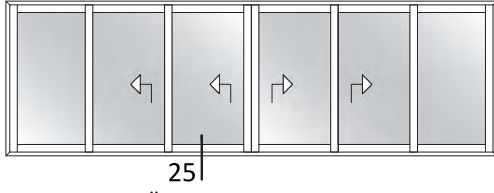
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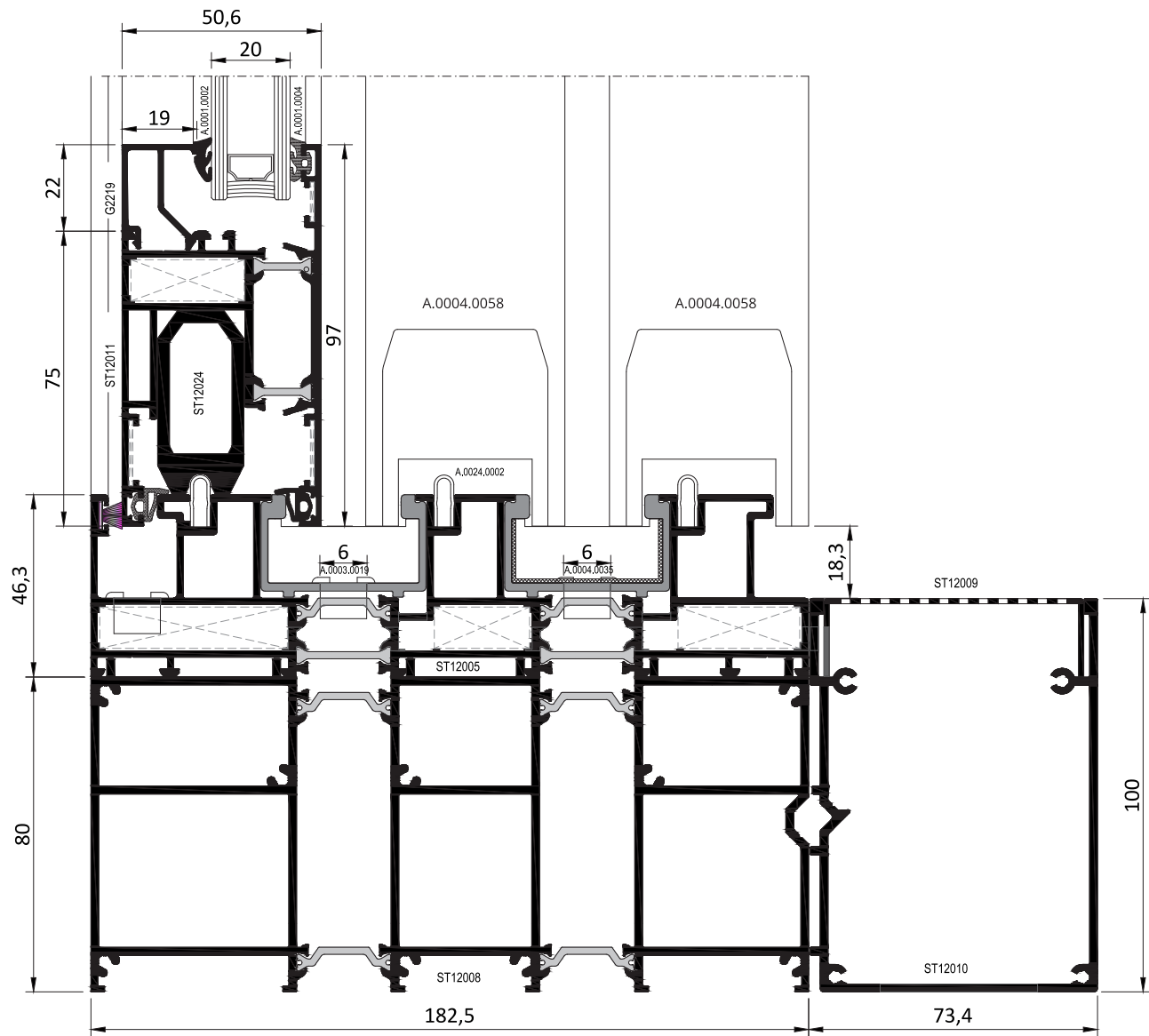
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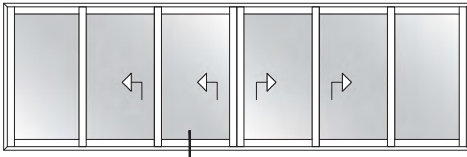
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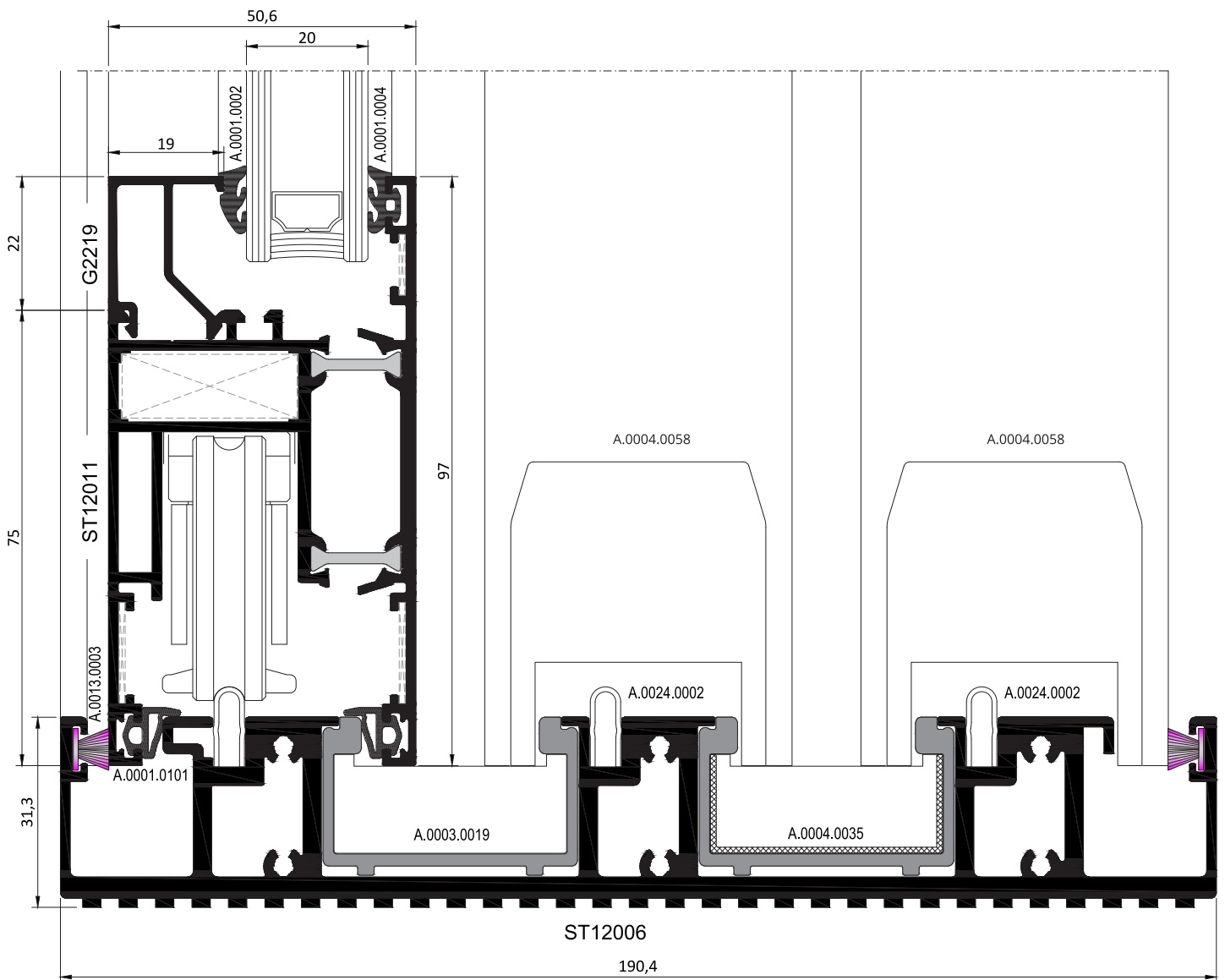
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LIFT & SLIDE DETAIL



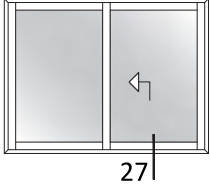
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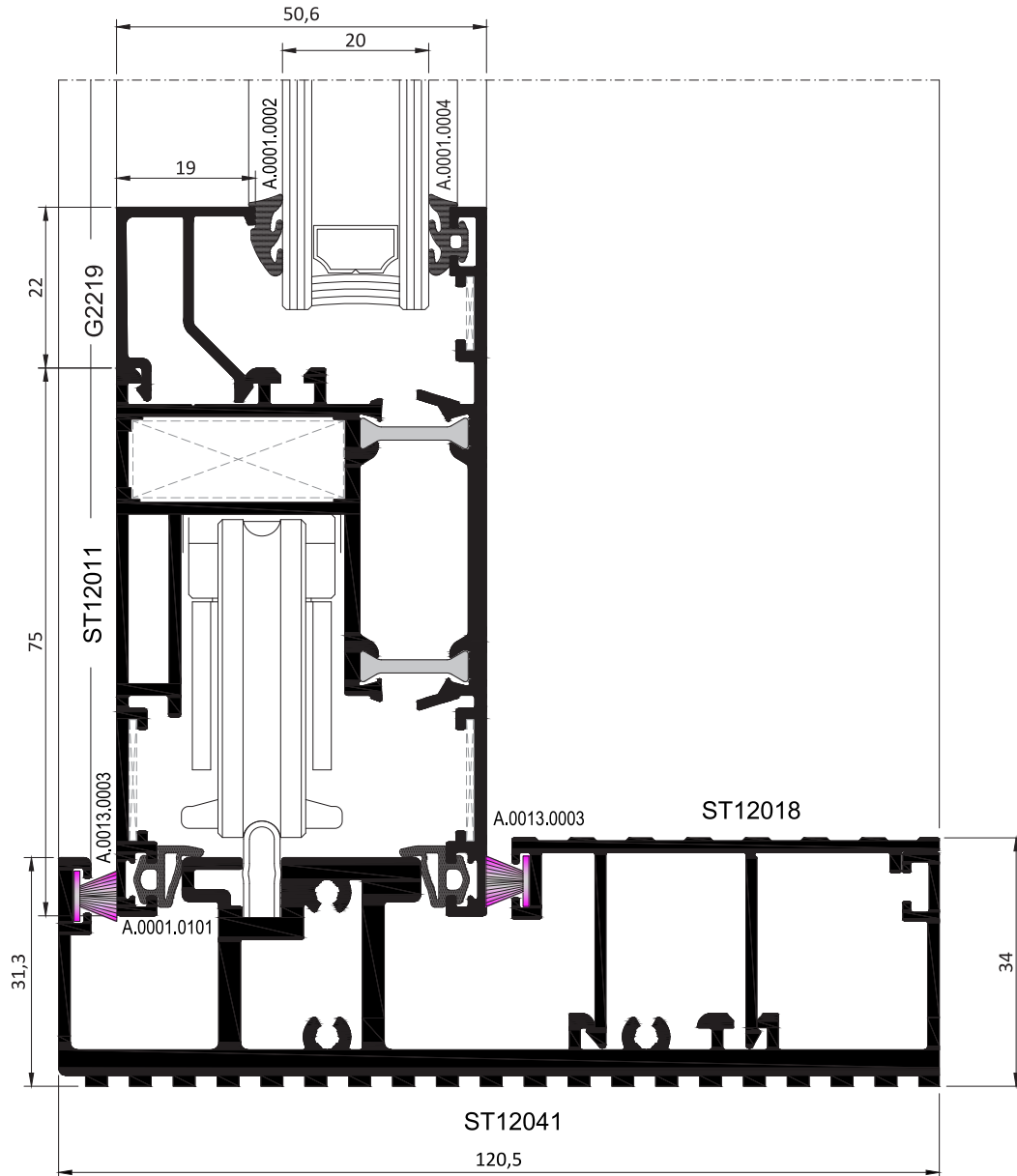
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LIFT & SLIDE DETAIL



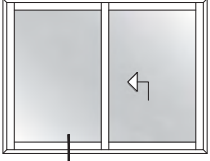
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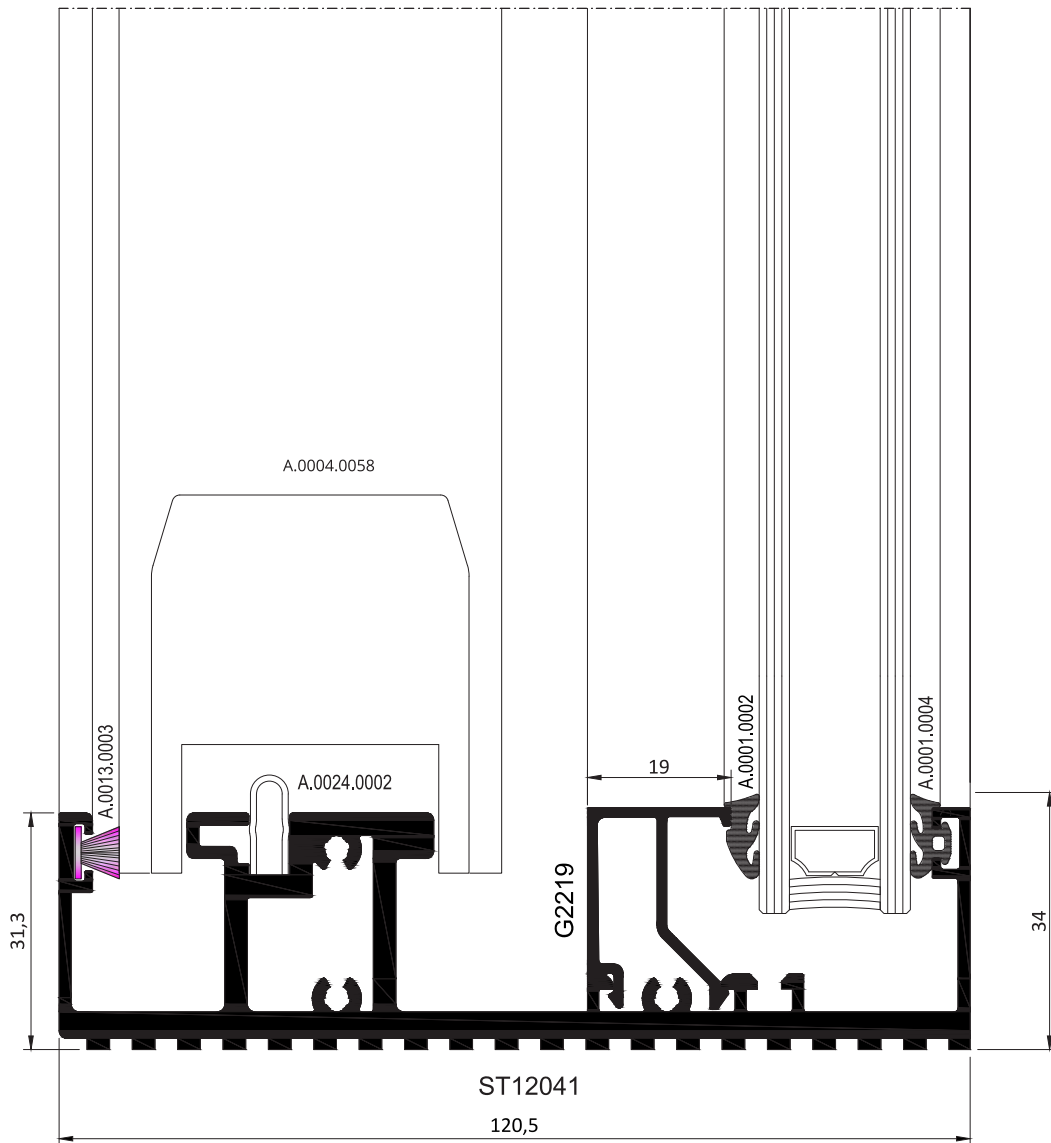
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LIFT & SLIDE DETAIL



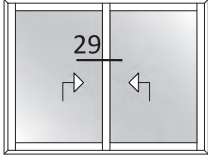
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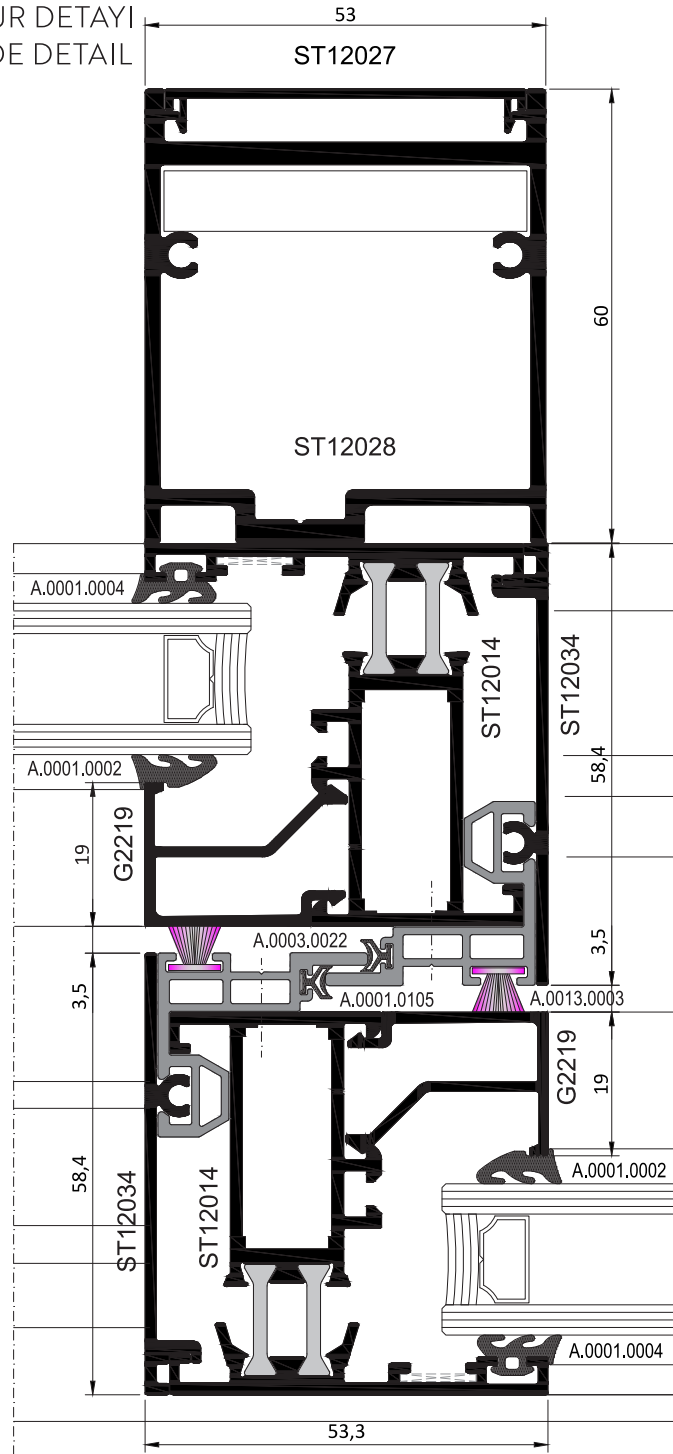
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LIFT & SLIDE DETAIL

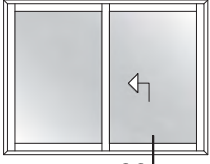
DETAYLAR / DETAILS



MONORAIL KALDIR-SÜR DETAYI
MONORAIL LIFT & SLIDE DETAIL

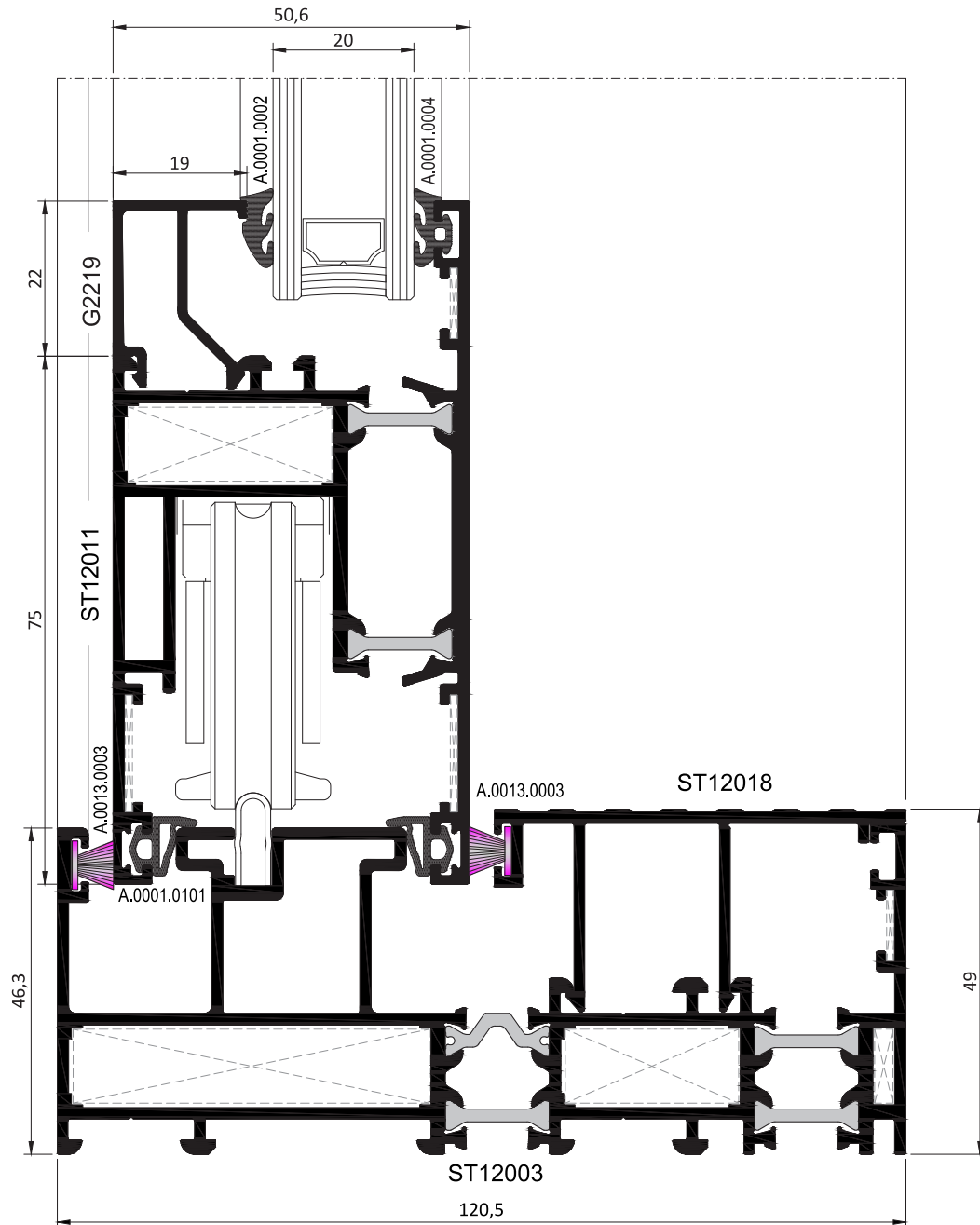


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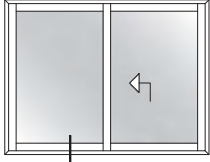


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MONORAIL LIFT & SLIDE DETAIL

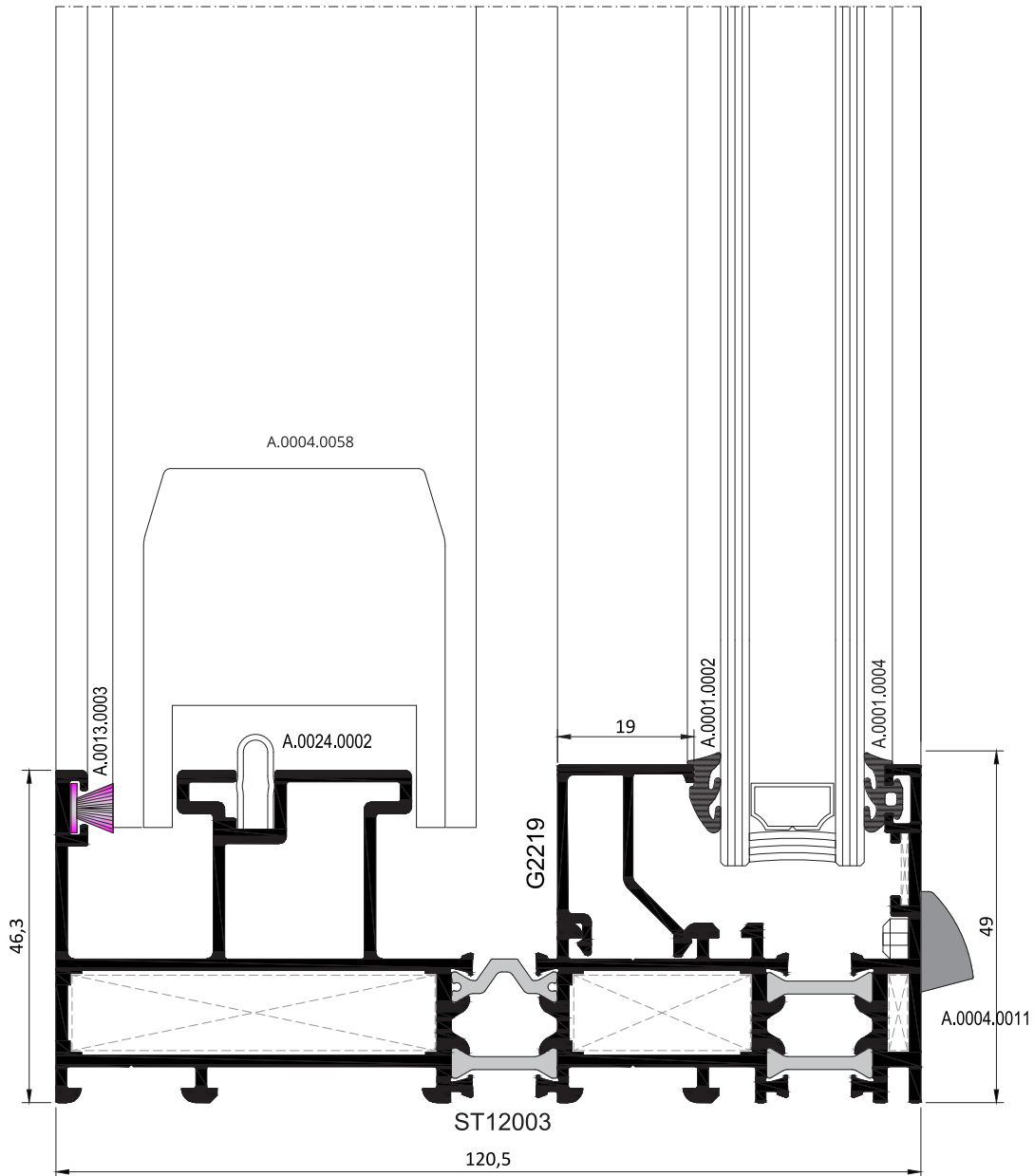


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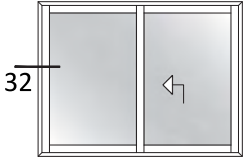


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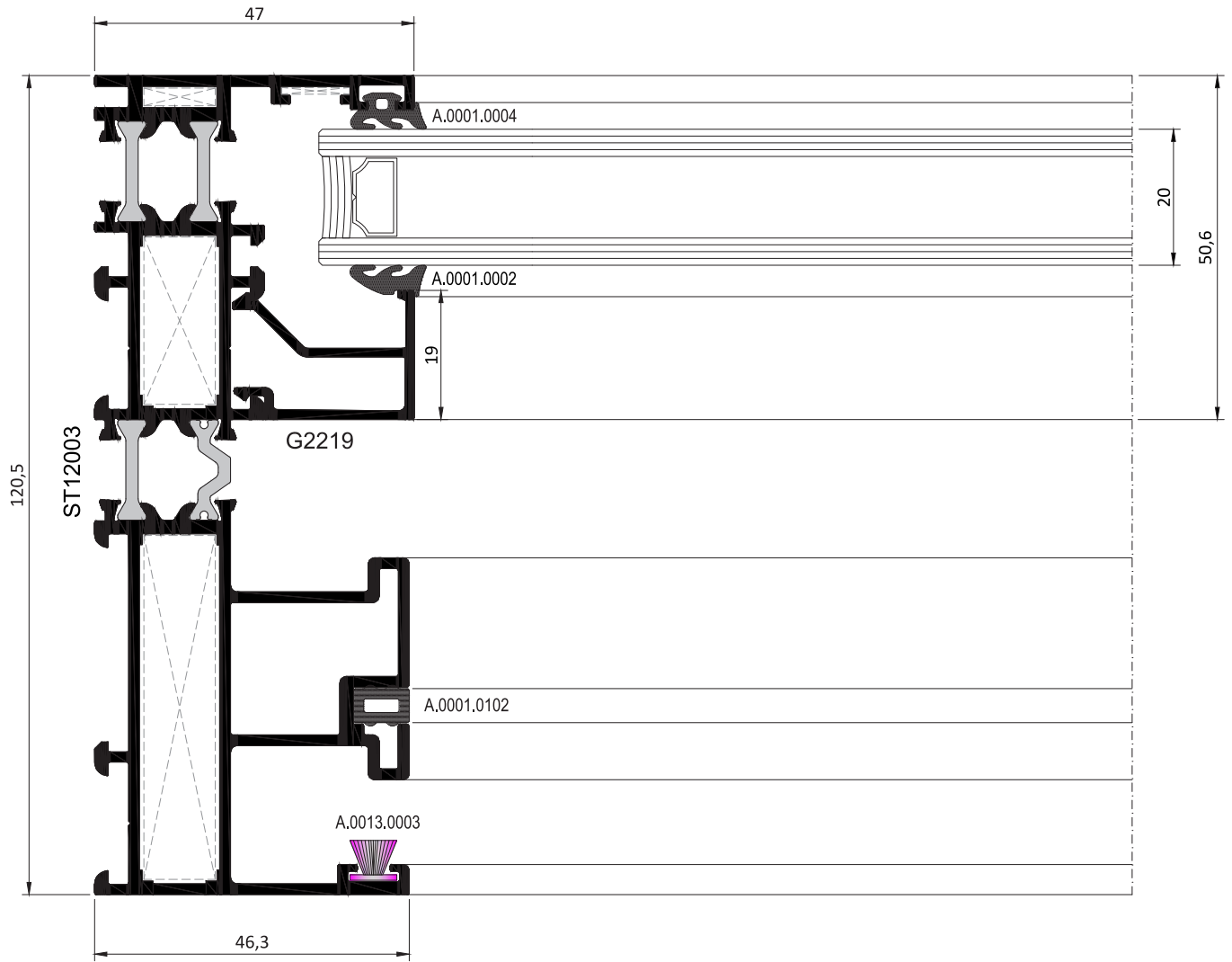
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MONORAIL LIFT & SLIDE DETAIL



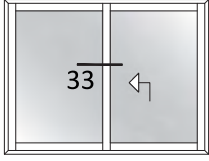
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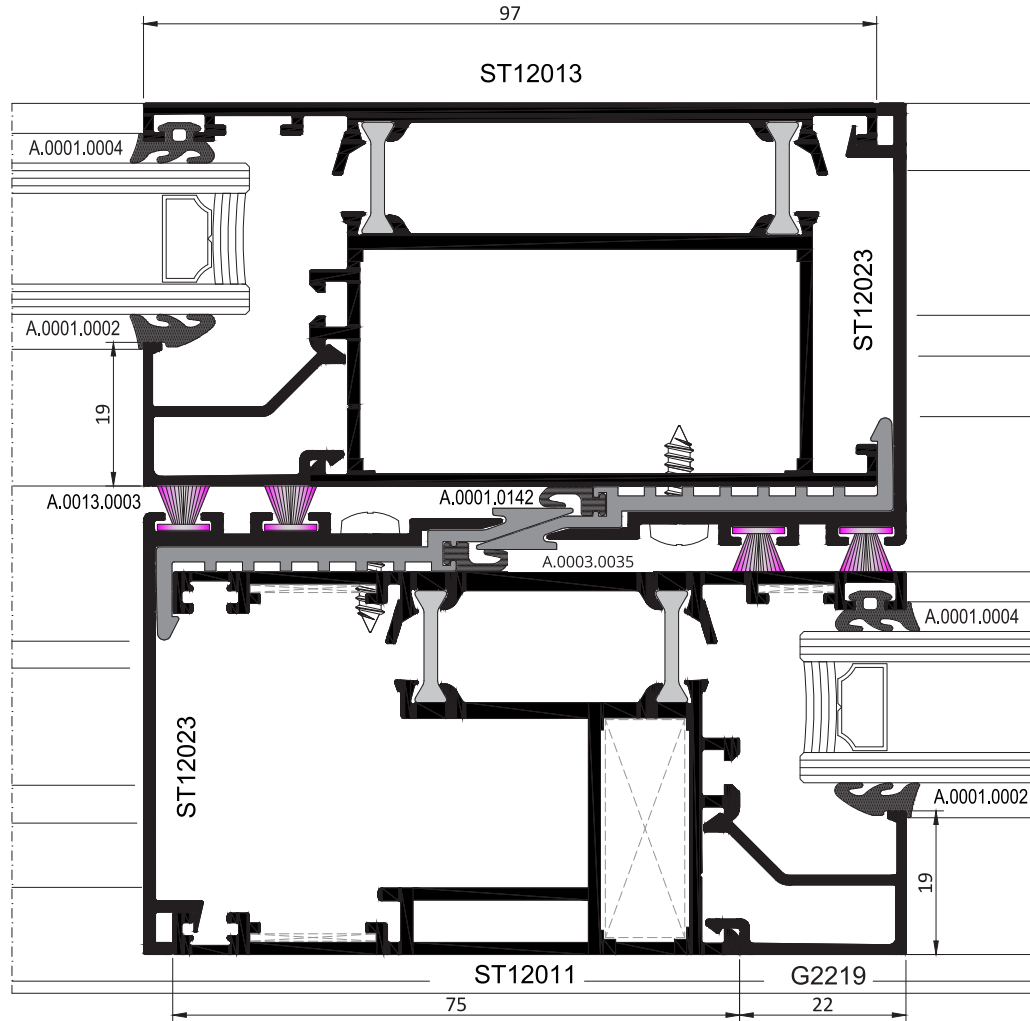
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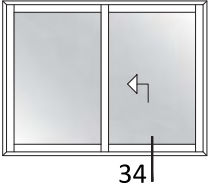
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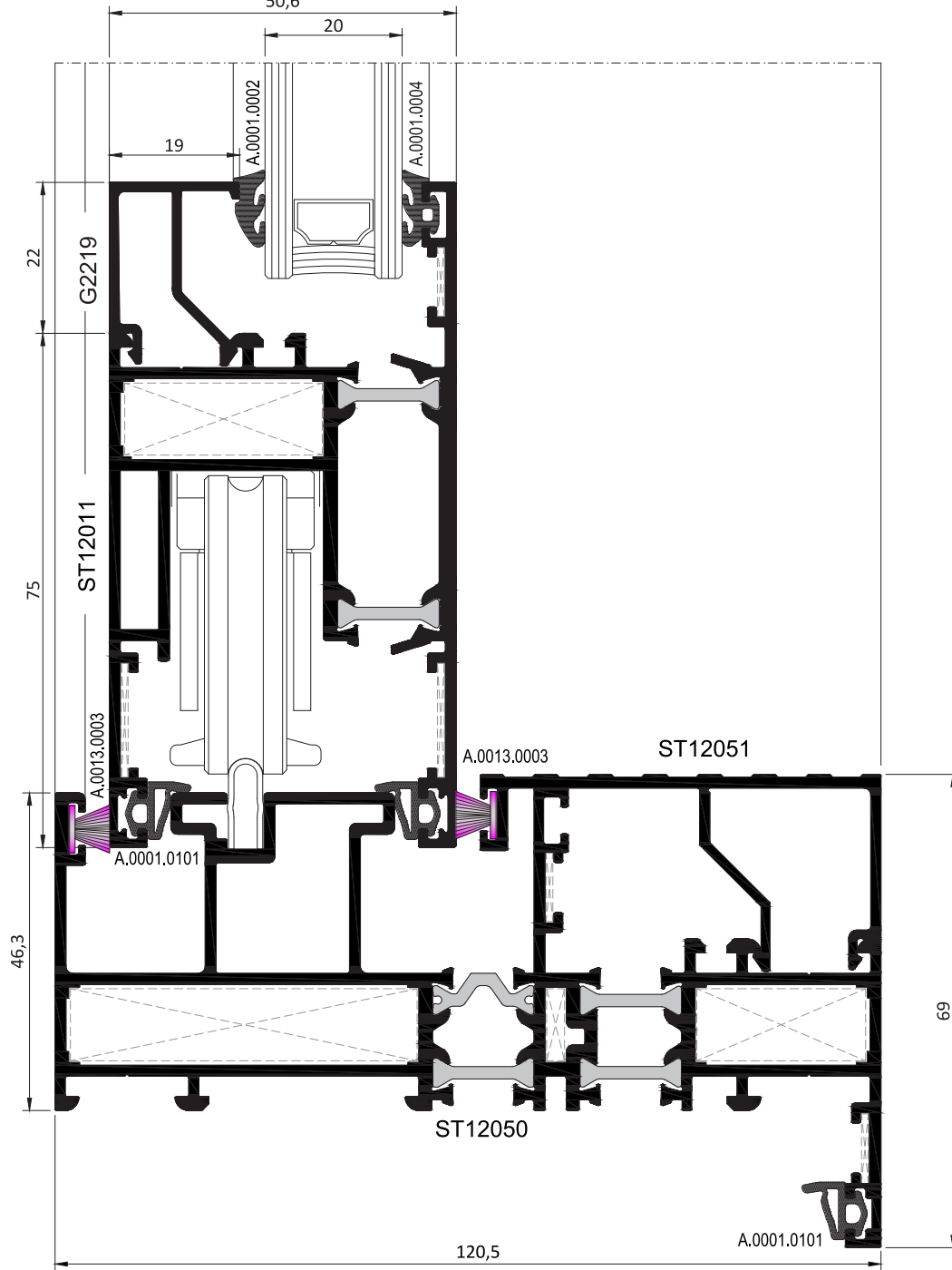
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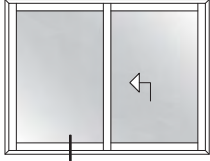
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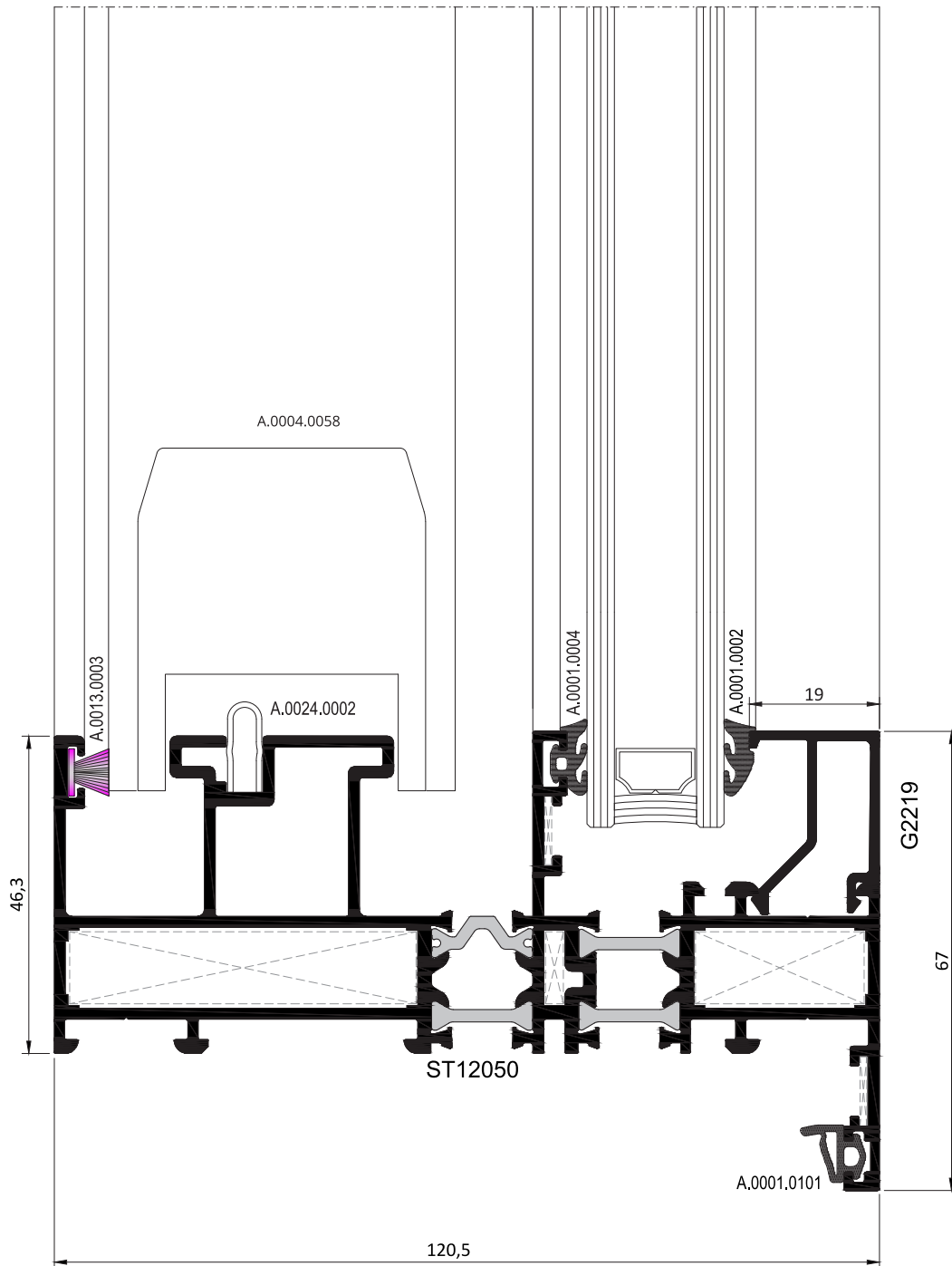
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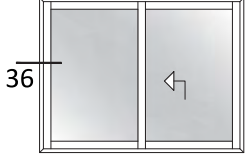
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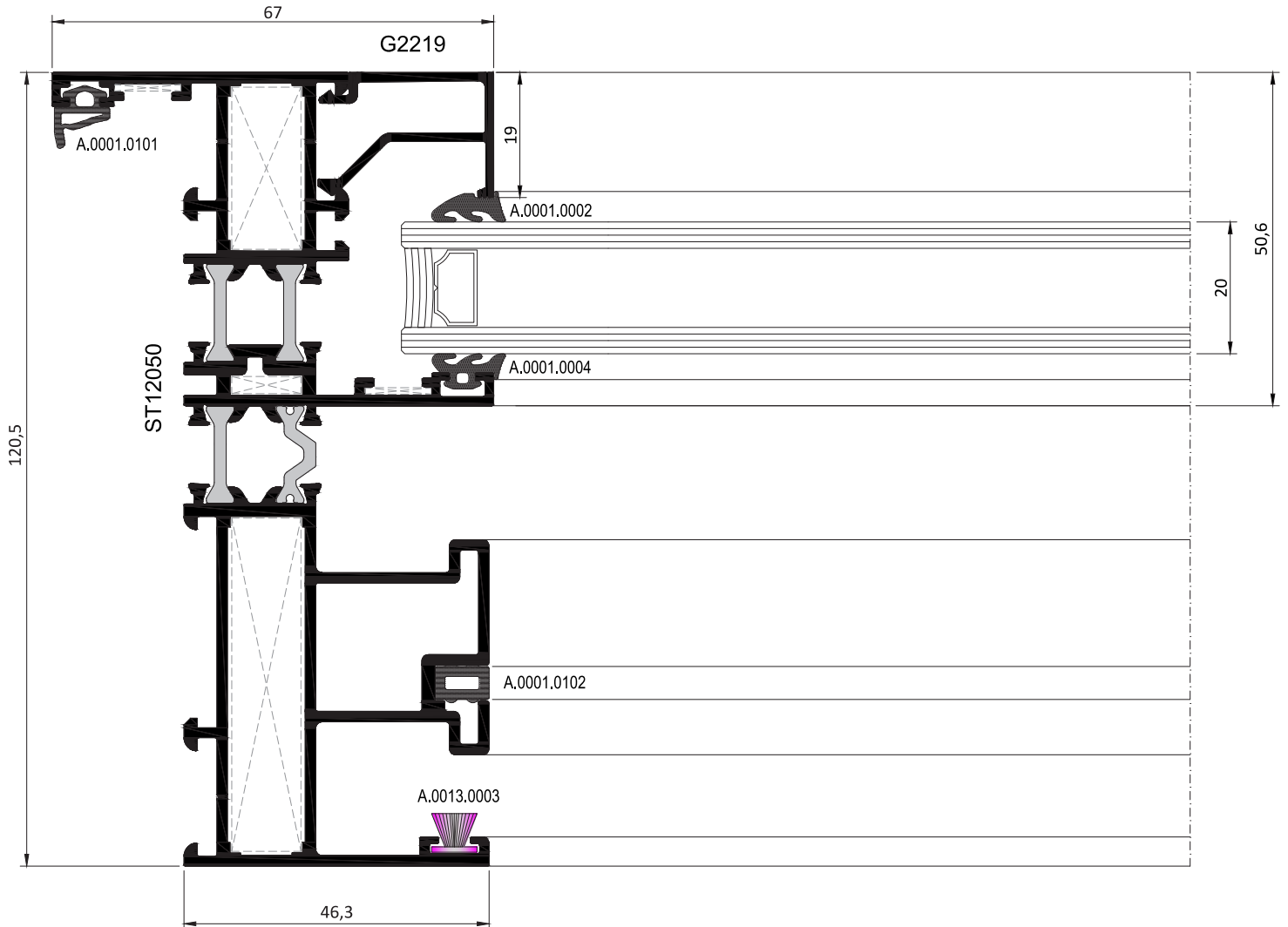
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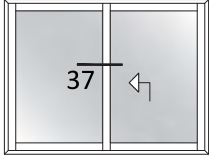
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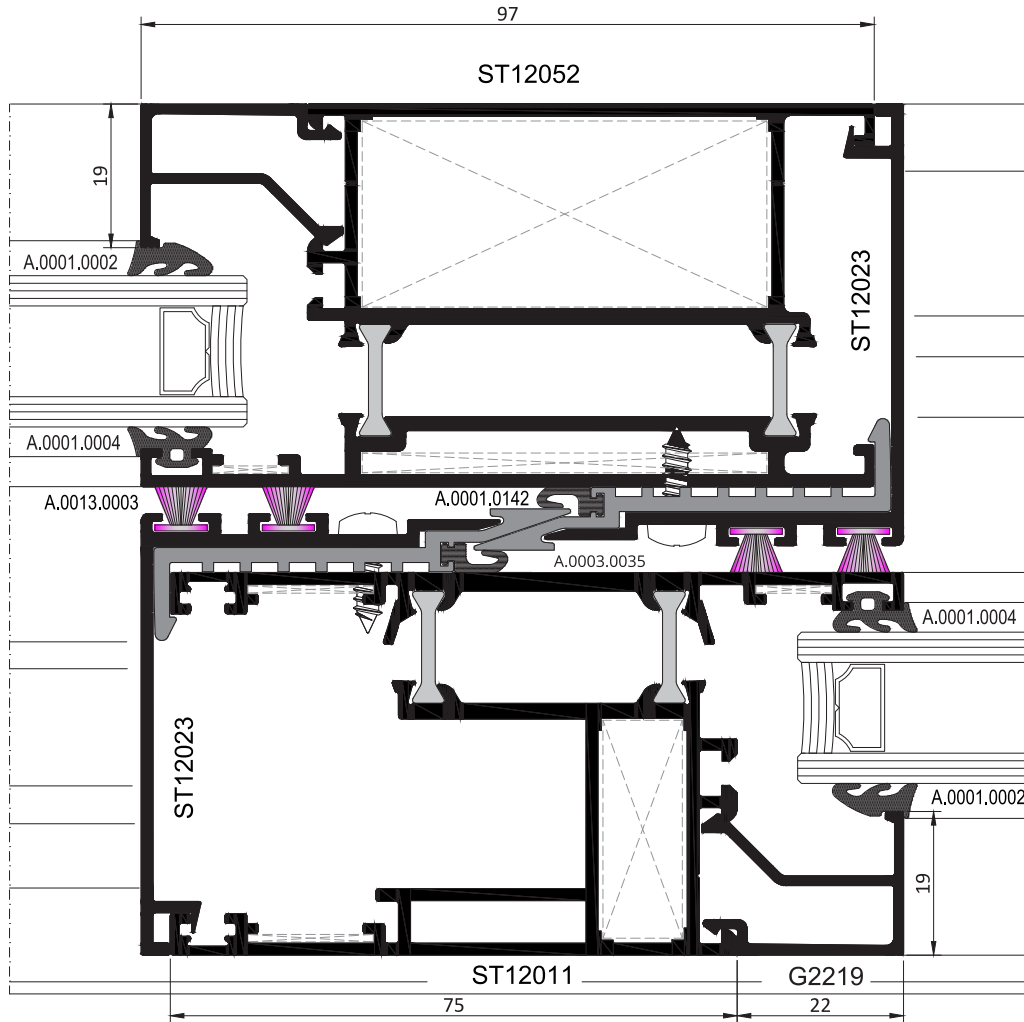
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DETAYLAR / DETAILS



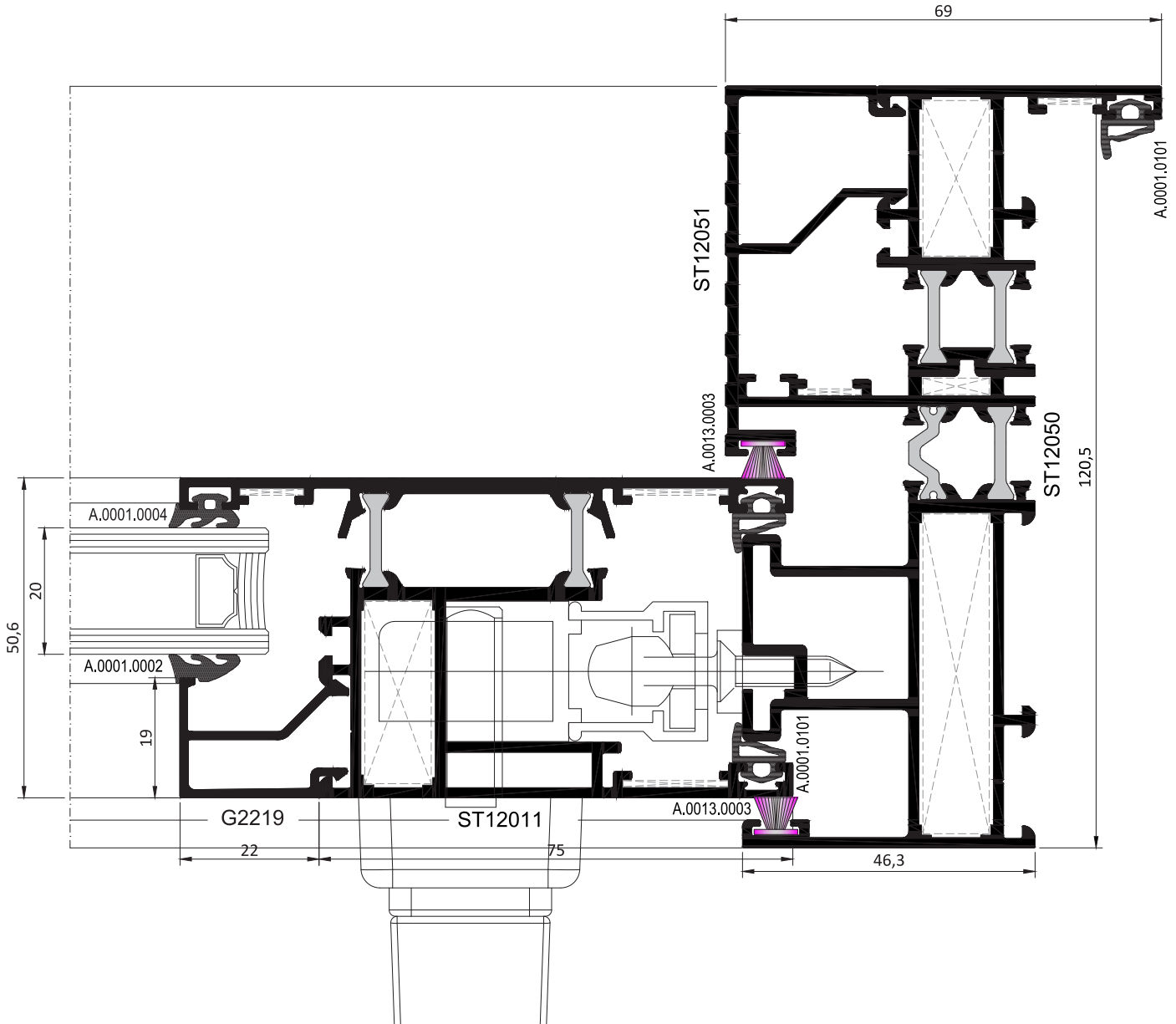
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MONORAIL LIFT & SLIDE DETAIL



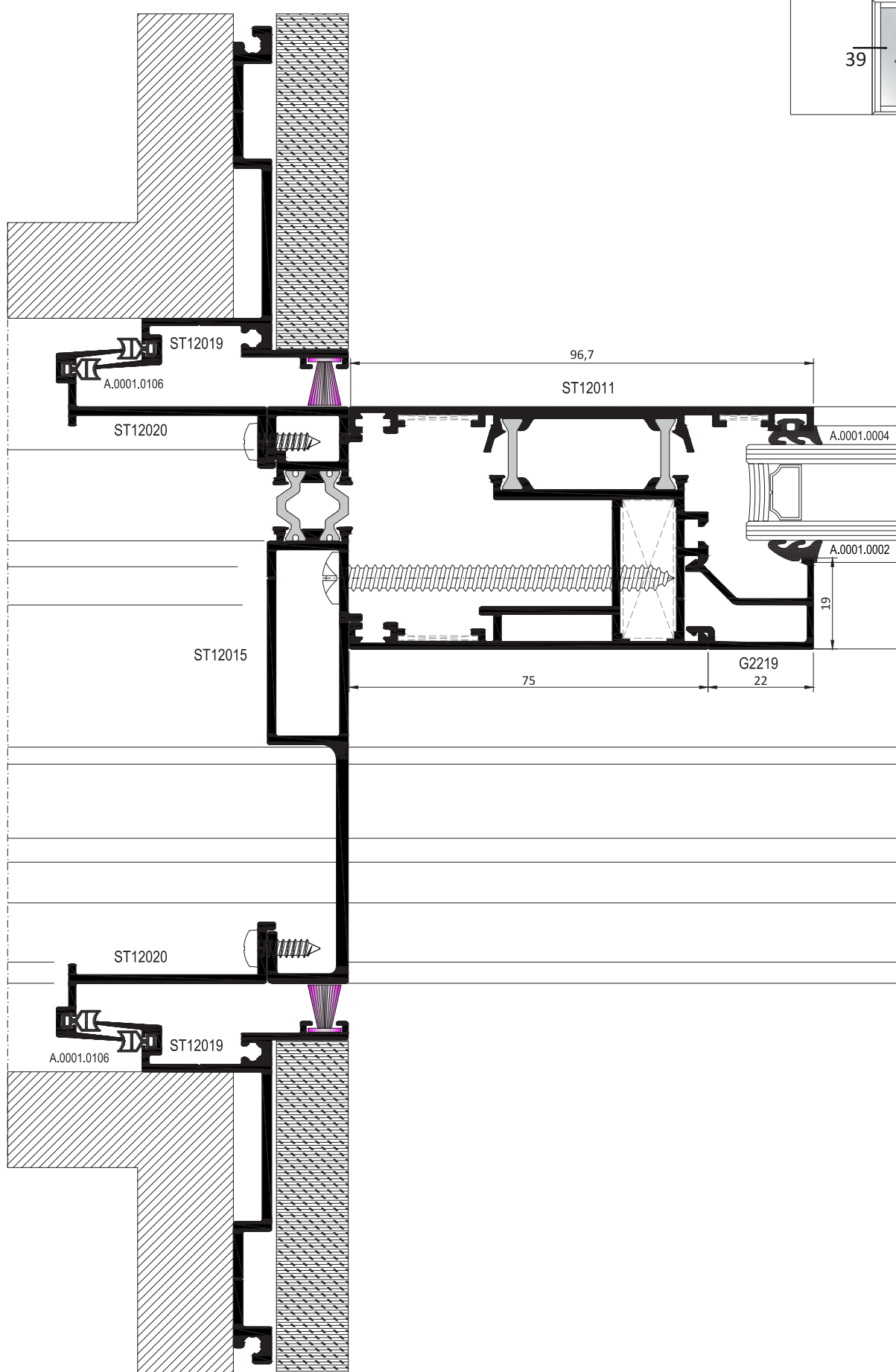
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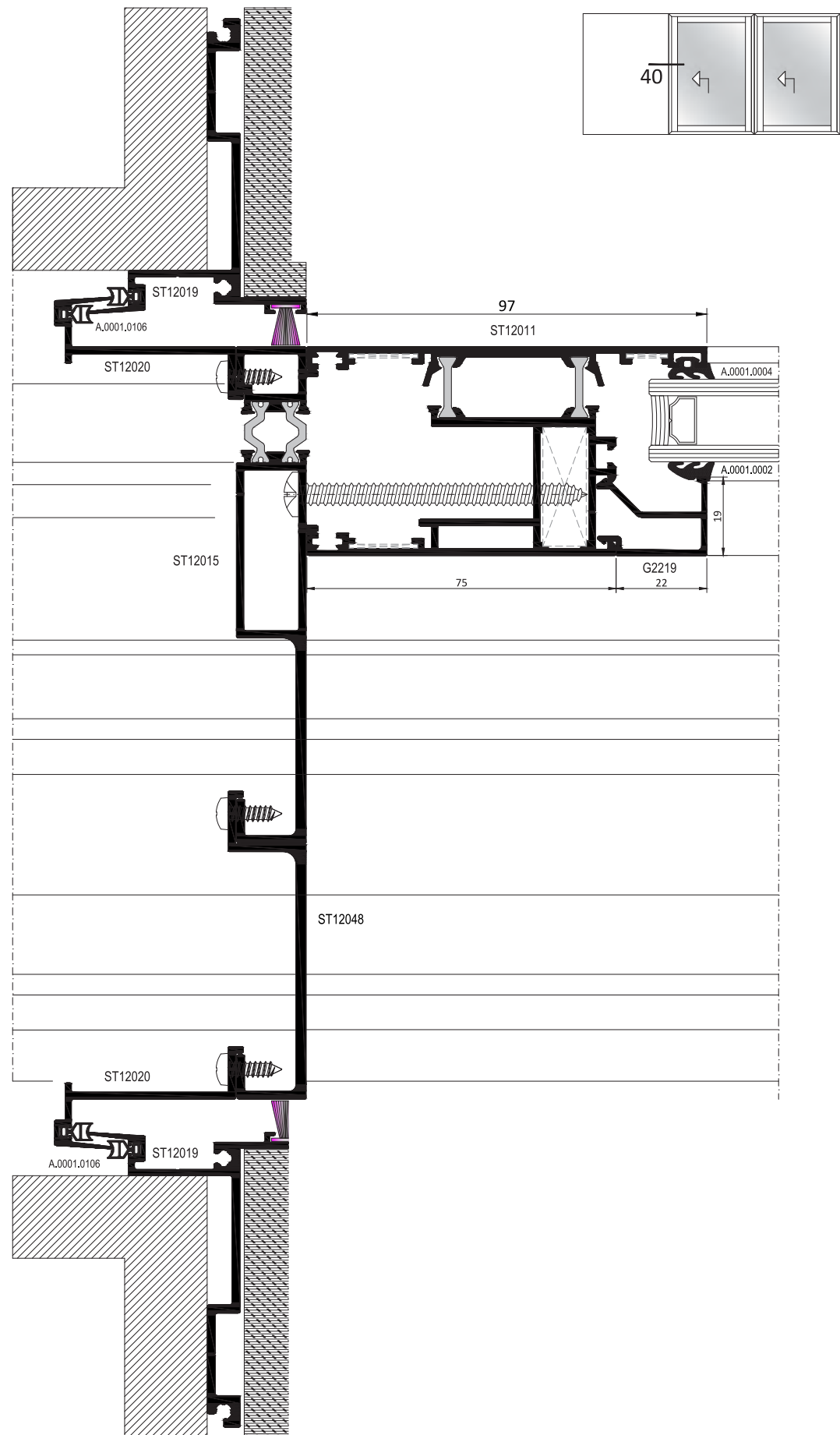
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MONORAIL LIFT & SLIDE DETAIL



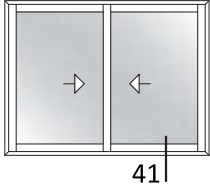
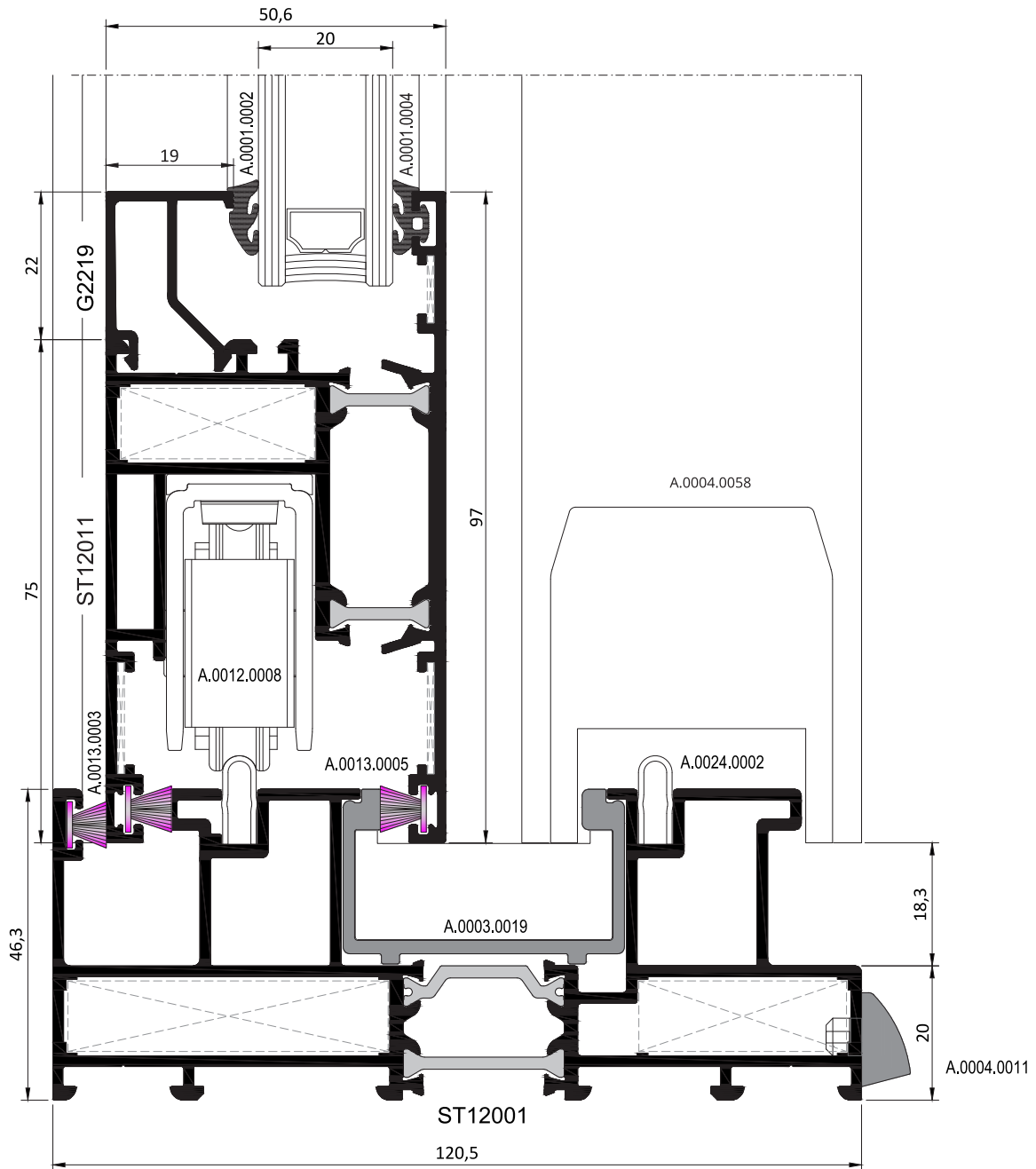
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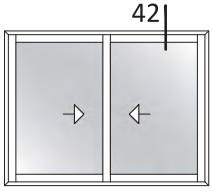
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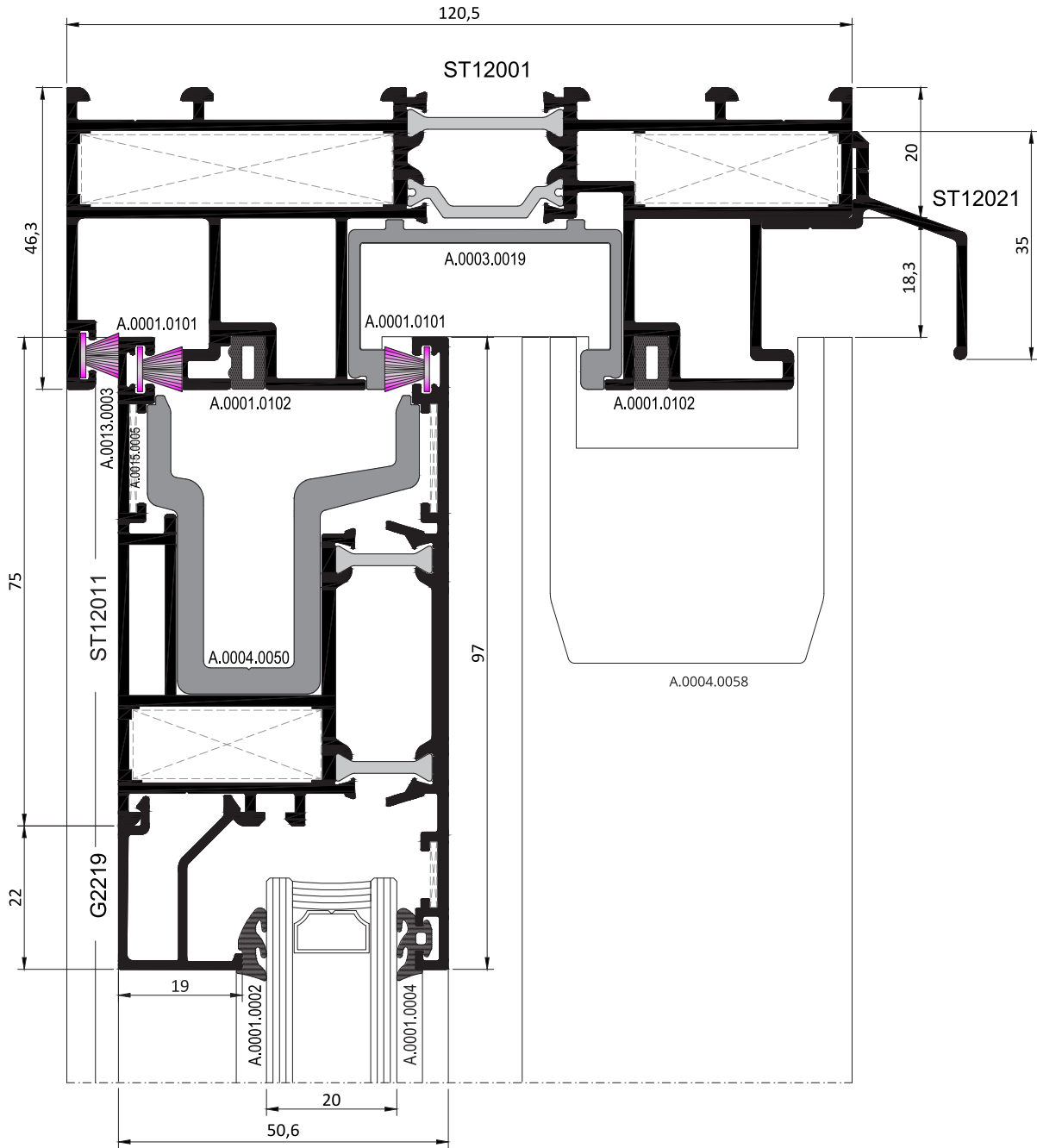
DETAYLAR / DETAILS

SÜRME DETAYI
SLIDING DETAIL

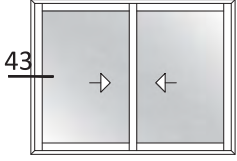
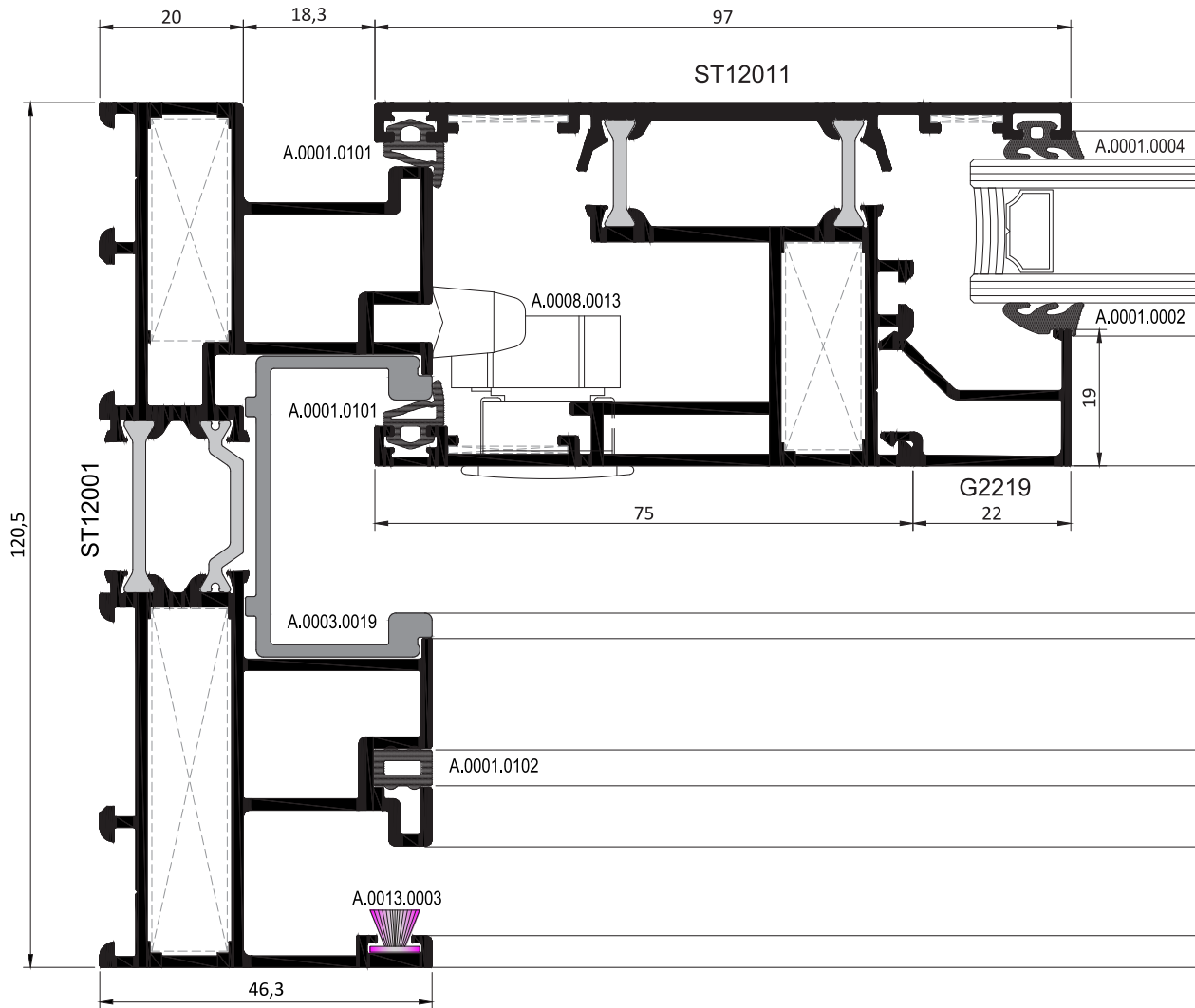
DETAYLAR / DETAILS



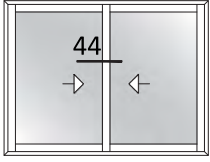
SÜRME DETAYI
SLIDING DETAIL



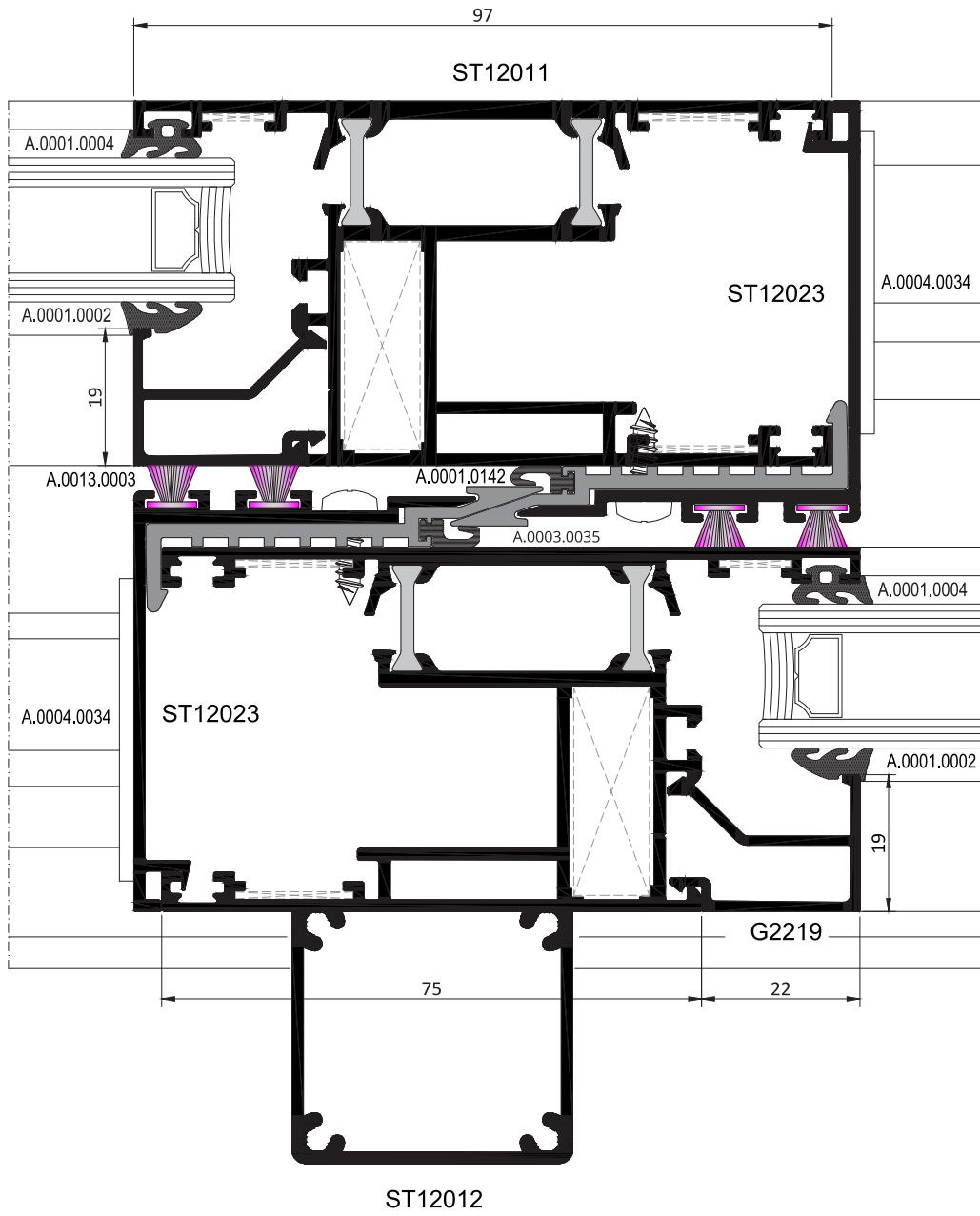
DETAYLAR / DETAILS

SÜRME DETAYI
SLIDING DETAIL

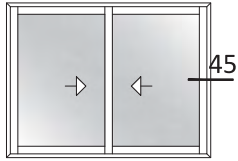
DETAYLAR / DETAILS



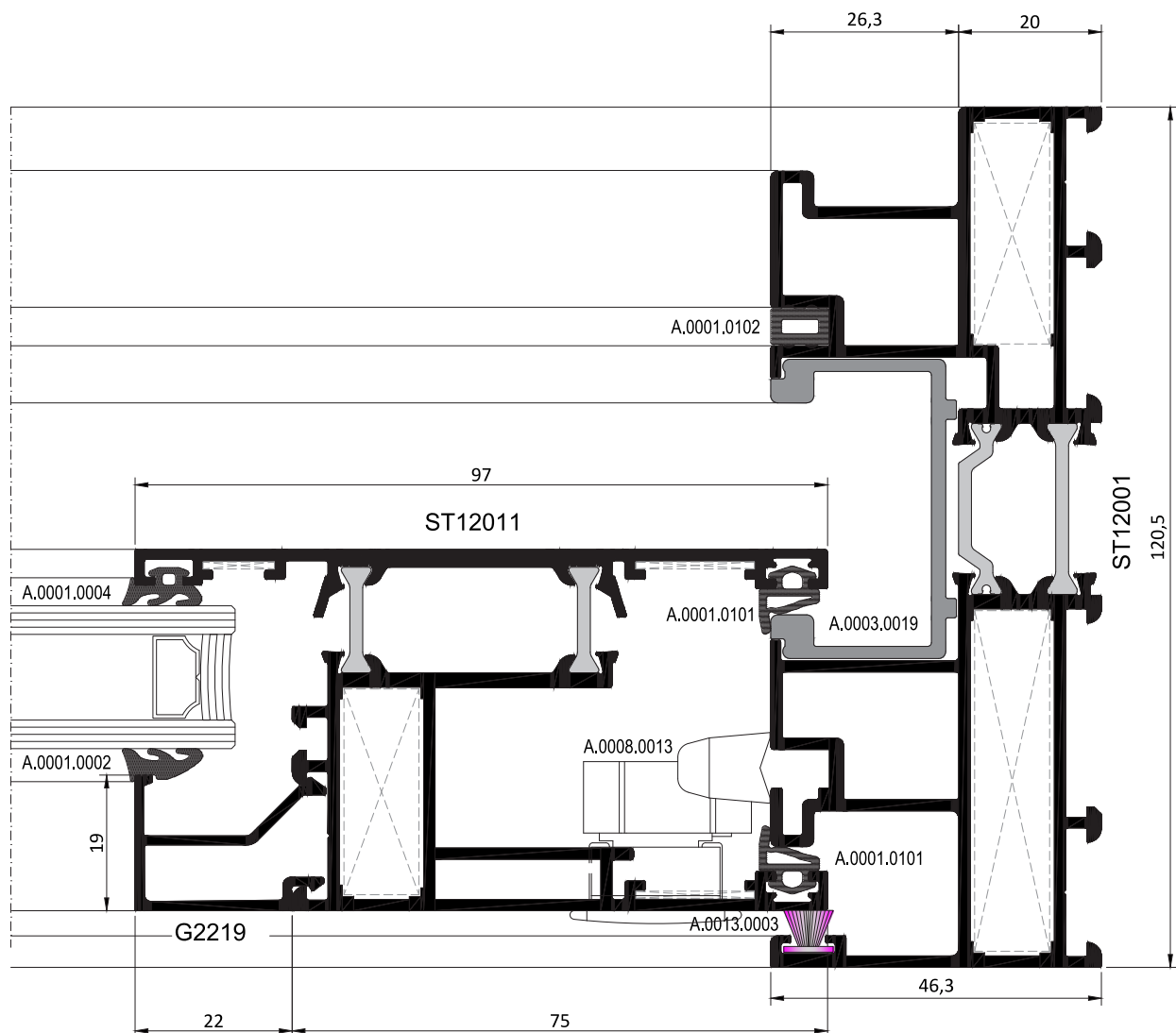
SÜRME DETAYI
SLIDING DETAIL



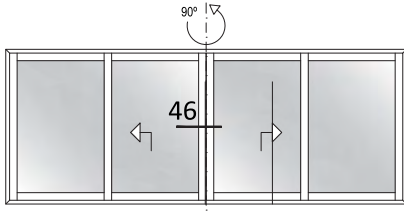
DETAYLAR / DETAILS



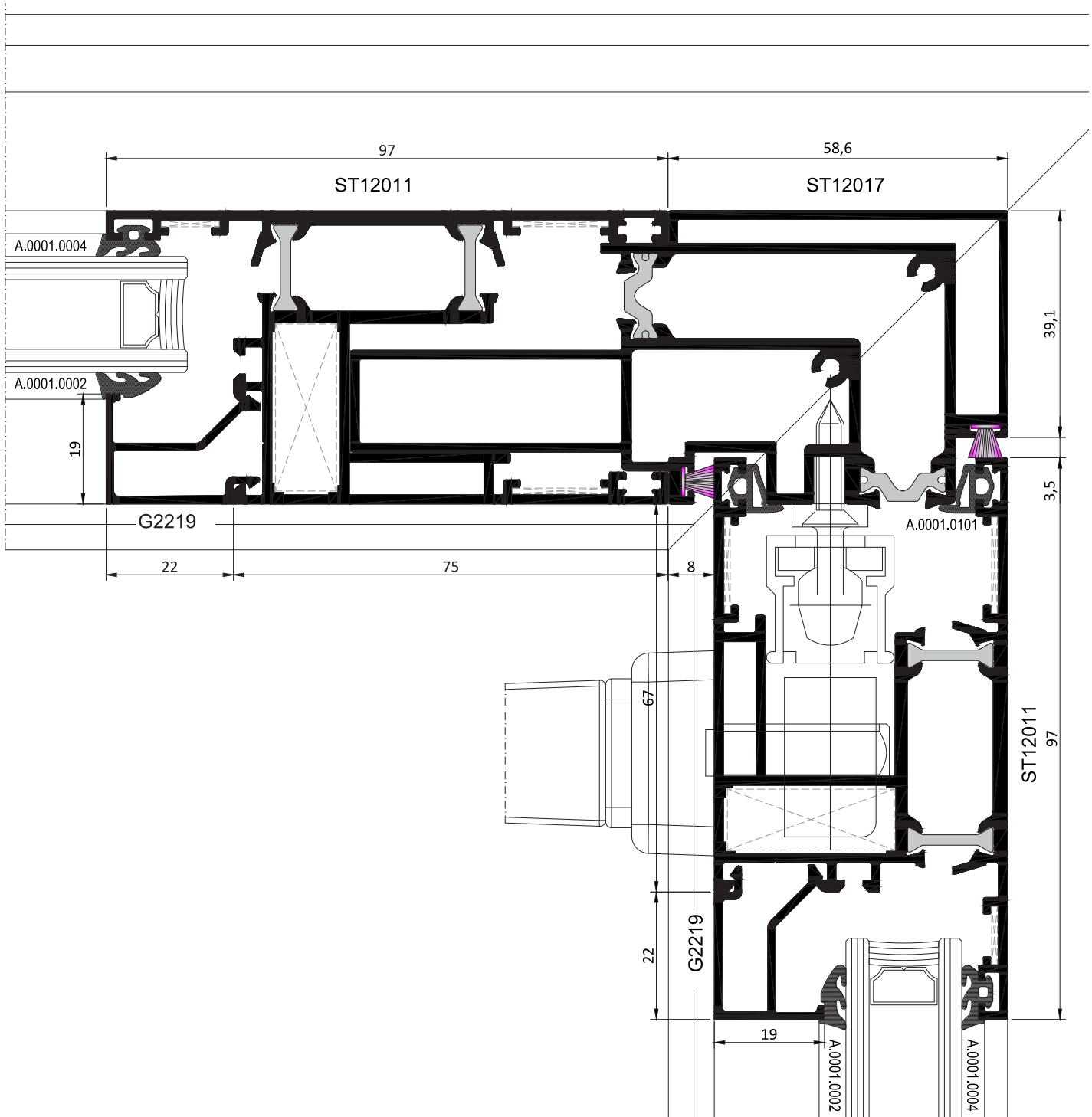
SÜRME DETAYI
SLIDING DETAIL



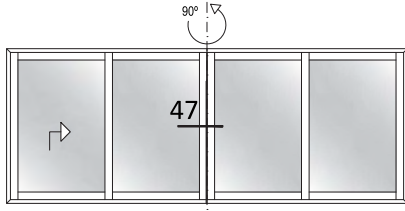
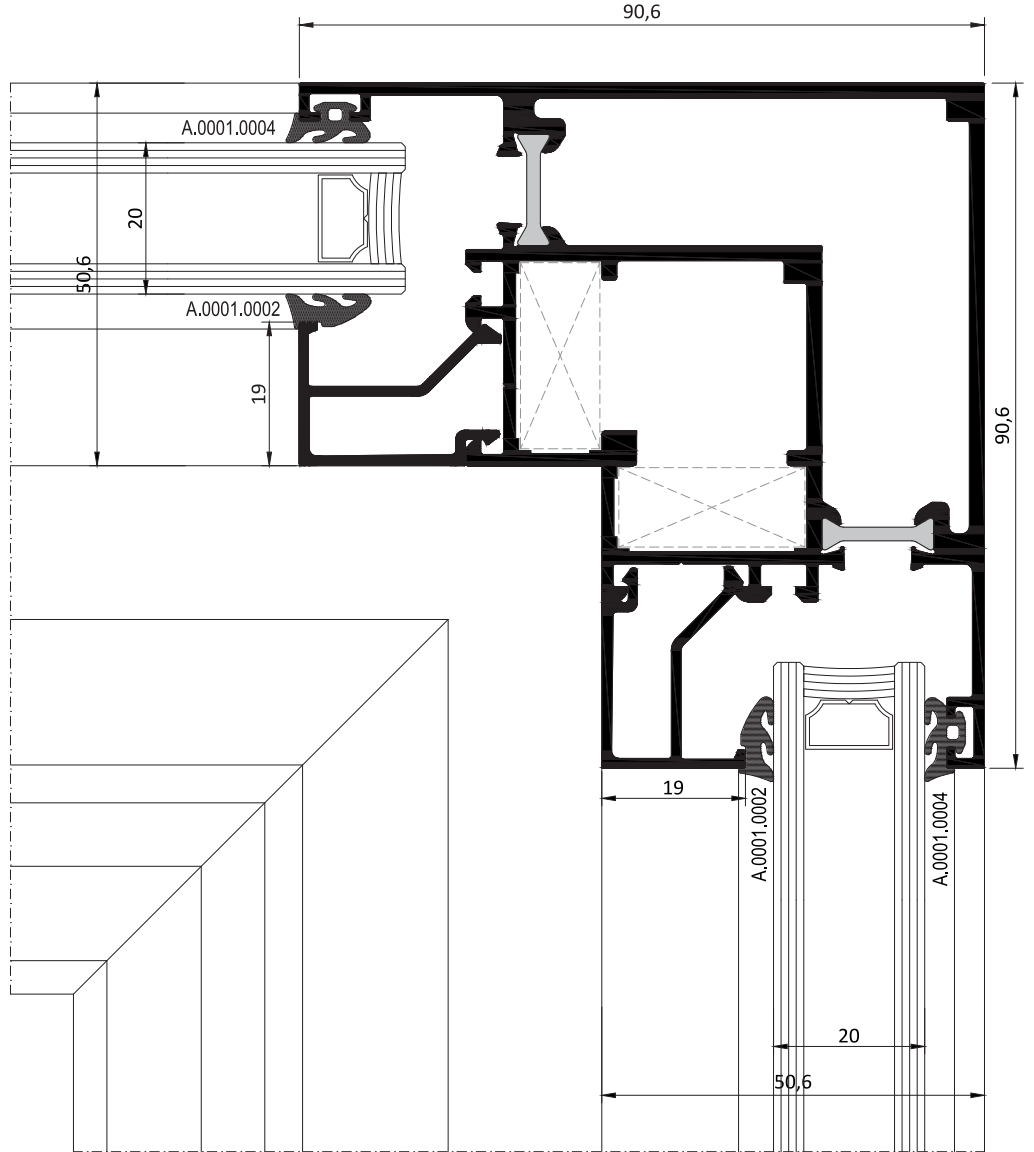
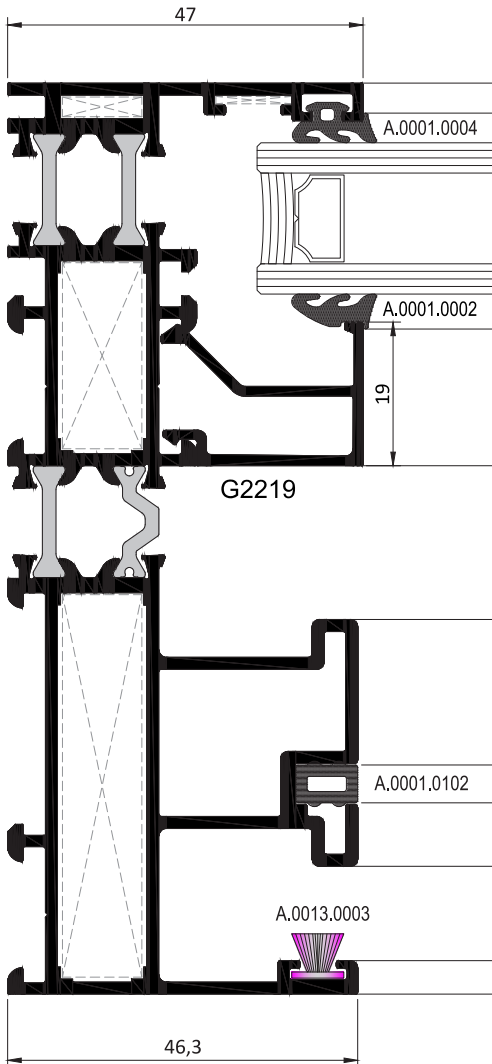
DETAYLAR / DETAILS



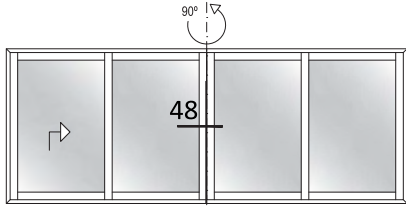
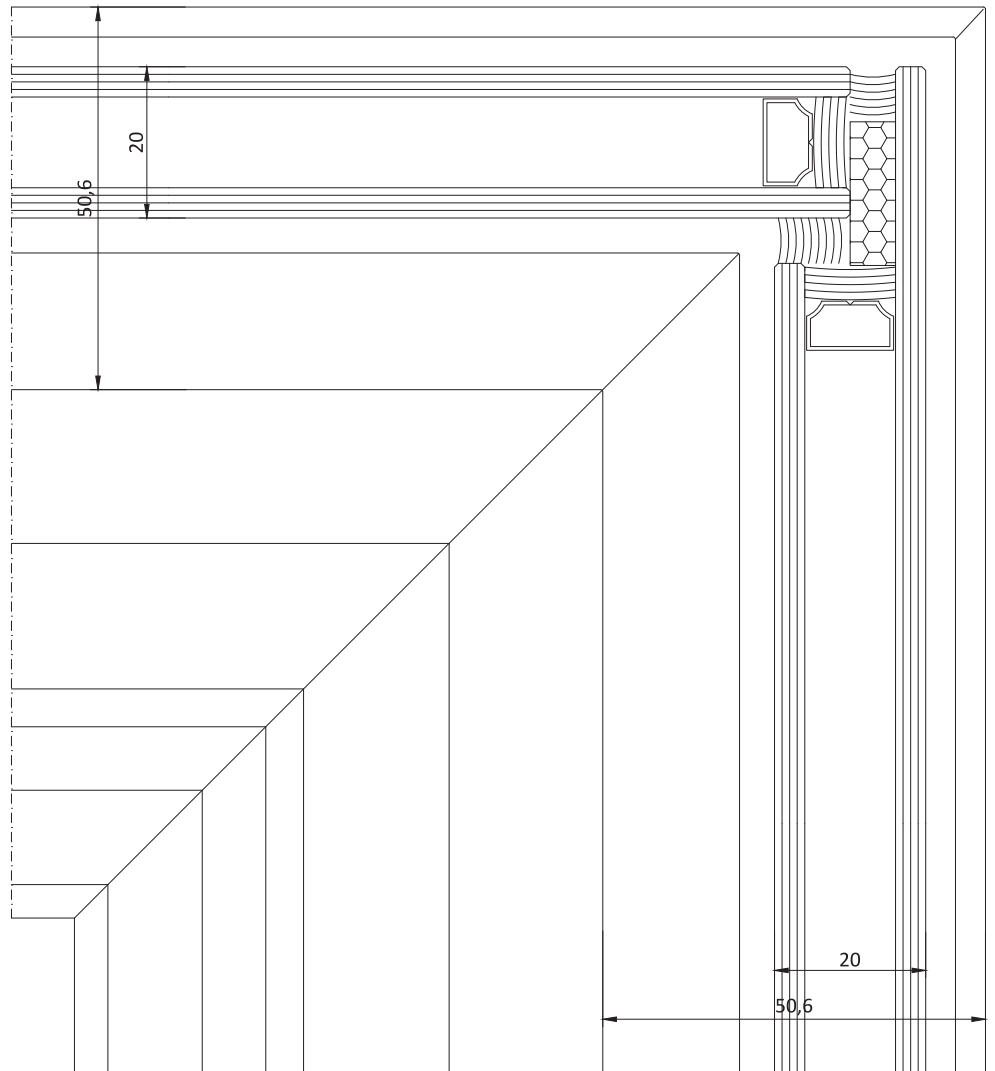
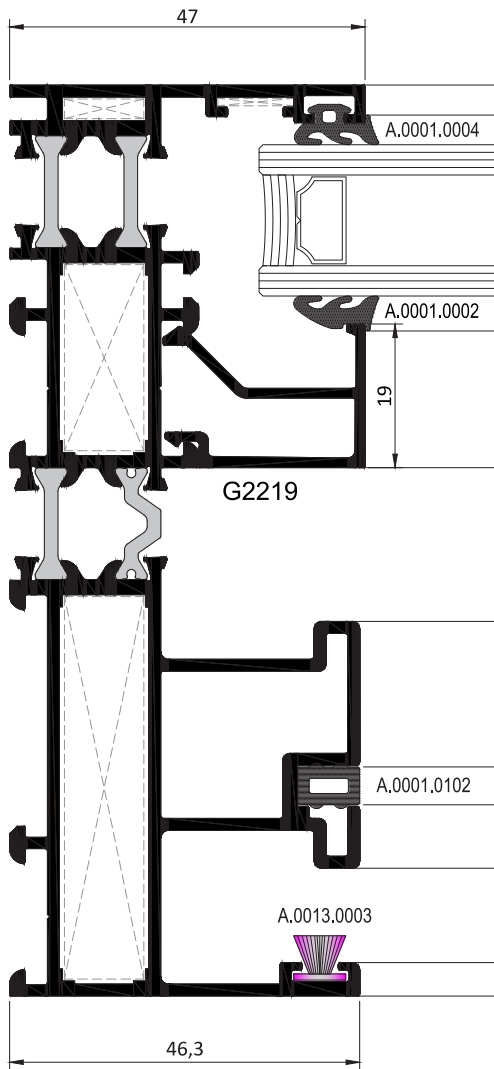
SÜRME DETAYI
SLIDING DETAIL



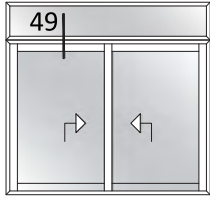
DETAYLAR / DETAILS

SÜRME DETAYI
SLIDING DETAIL

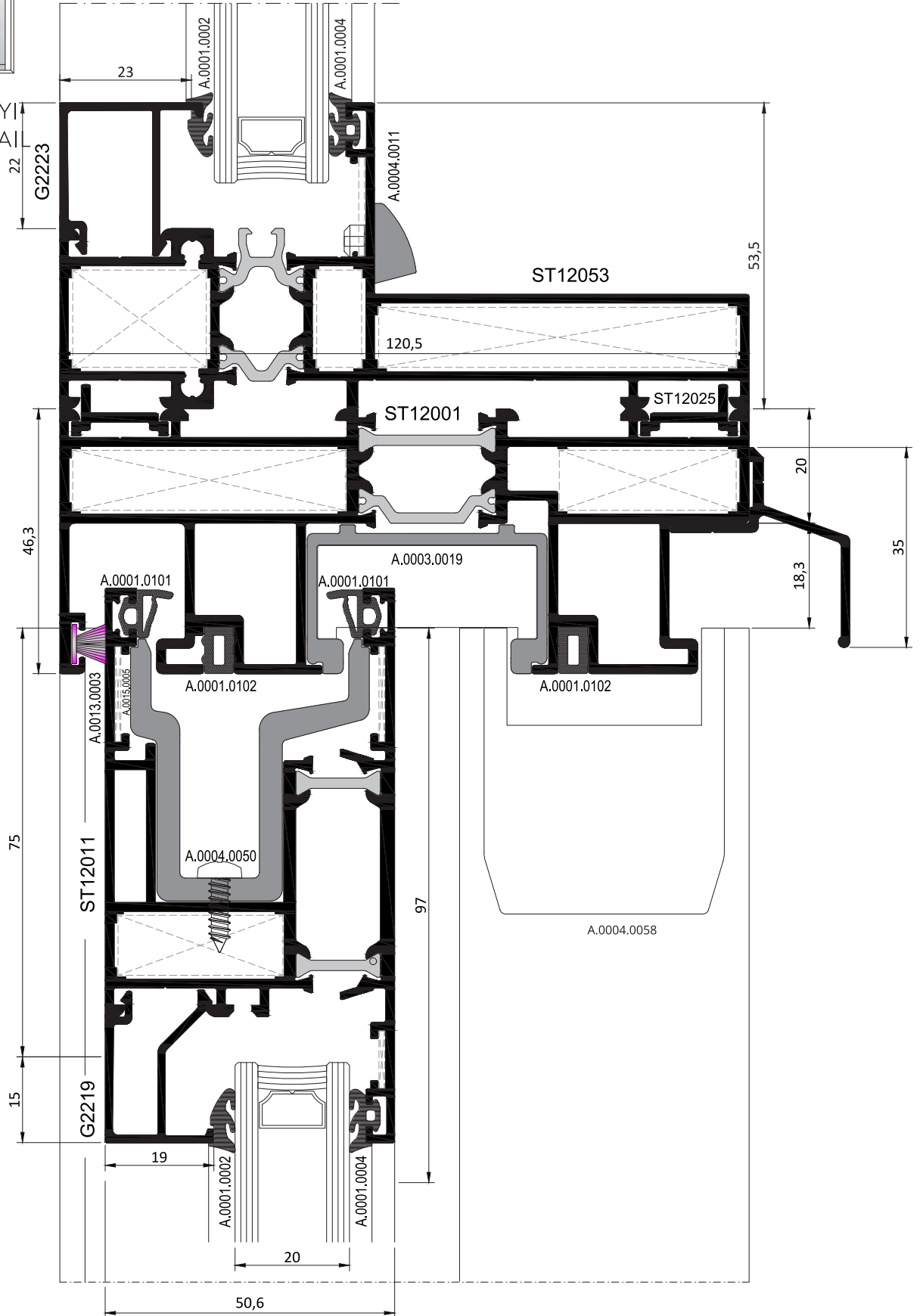
DETAYLAR / DETAILS

SÜRME DETAYI
SLIDING DETAIL

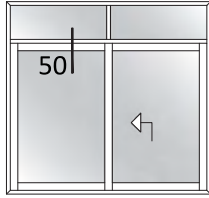
DETAYLAR / DETAILS



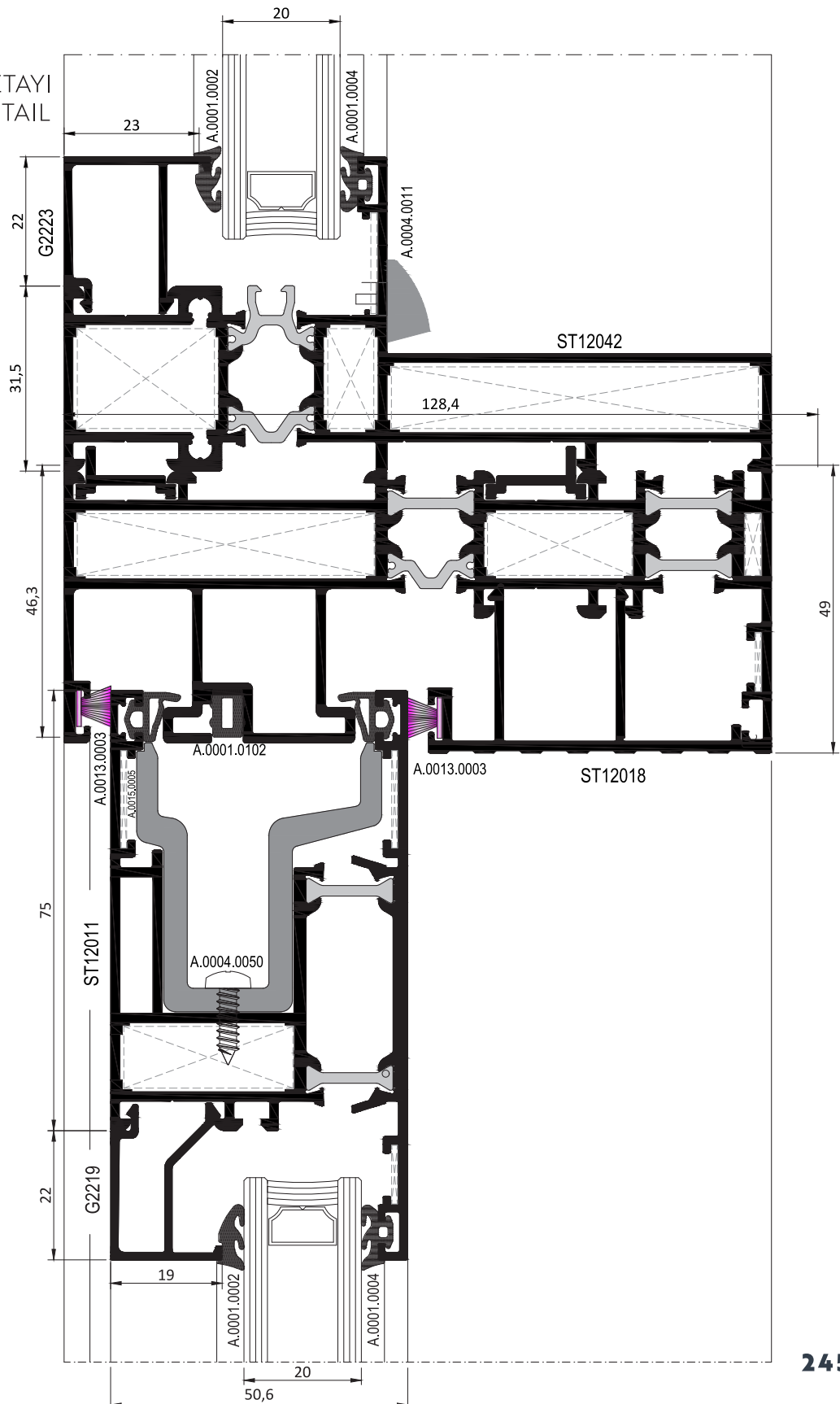
SÜRME DETAYI
SLIDING DETAIL



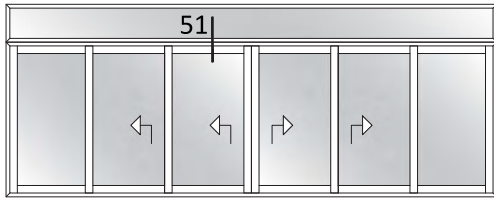
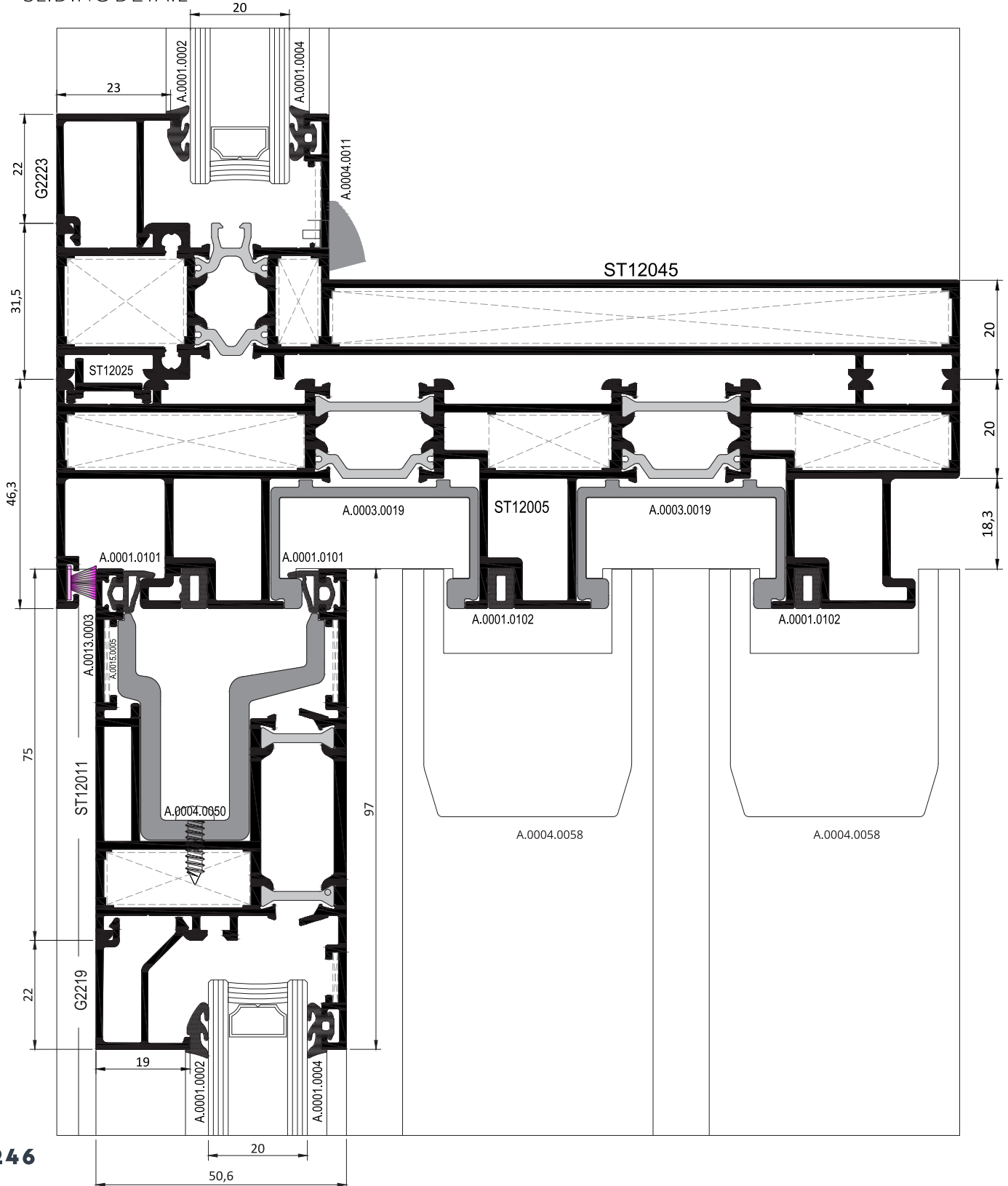
DETAYLAR / DETAILS



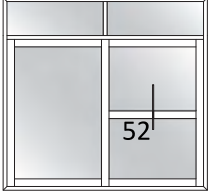
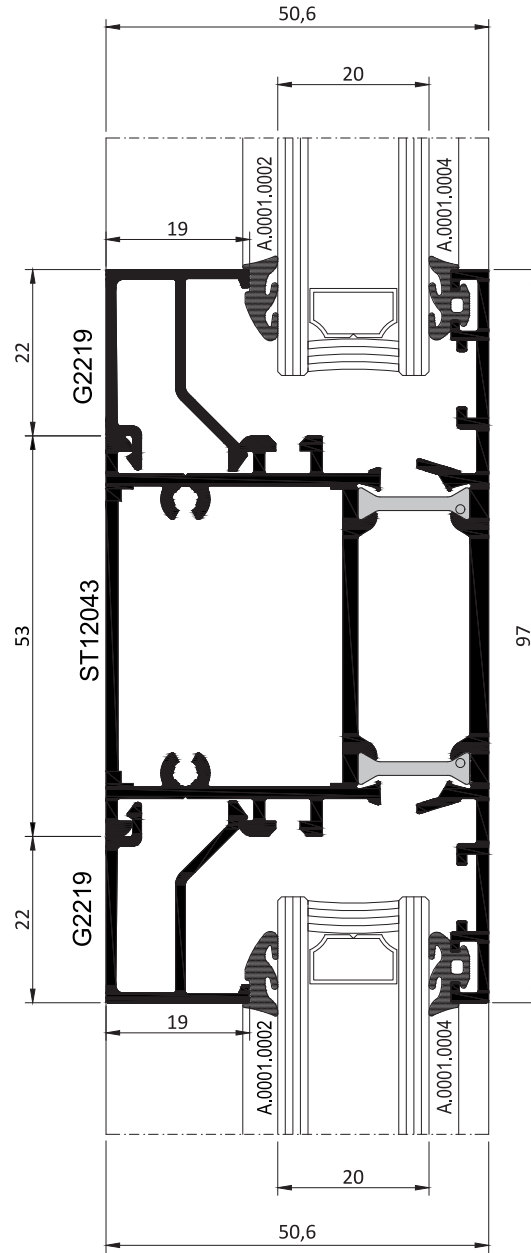
MONORAIL KALDIR-SÜR DETAYI
MONORAIL LIFT & SLIDE DETAIL



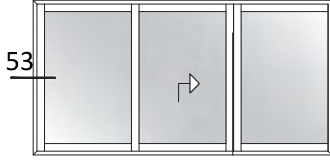
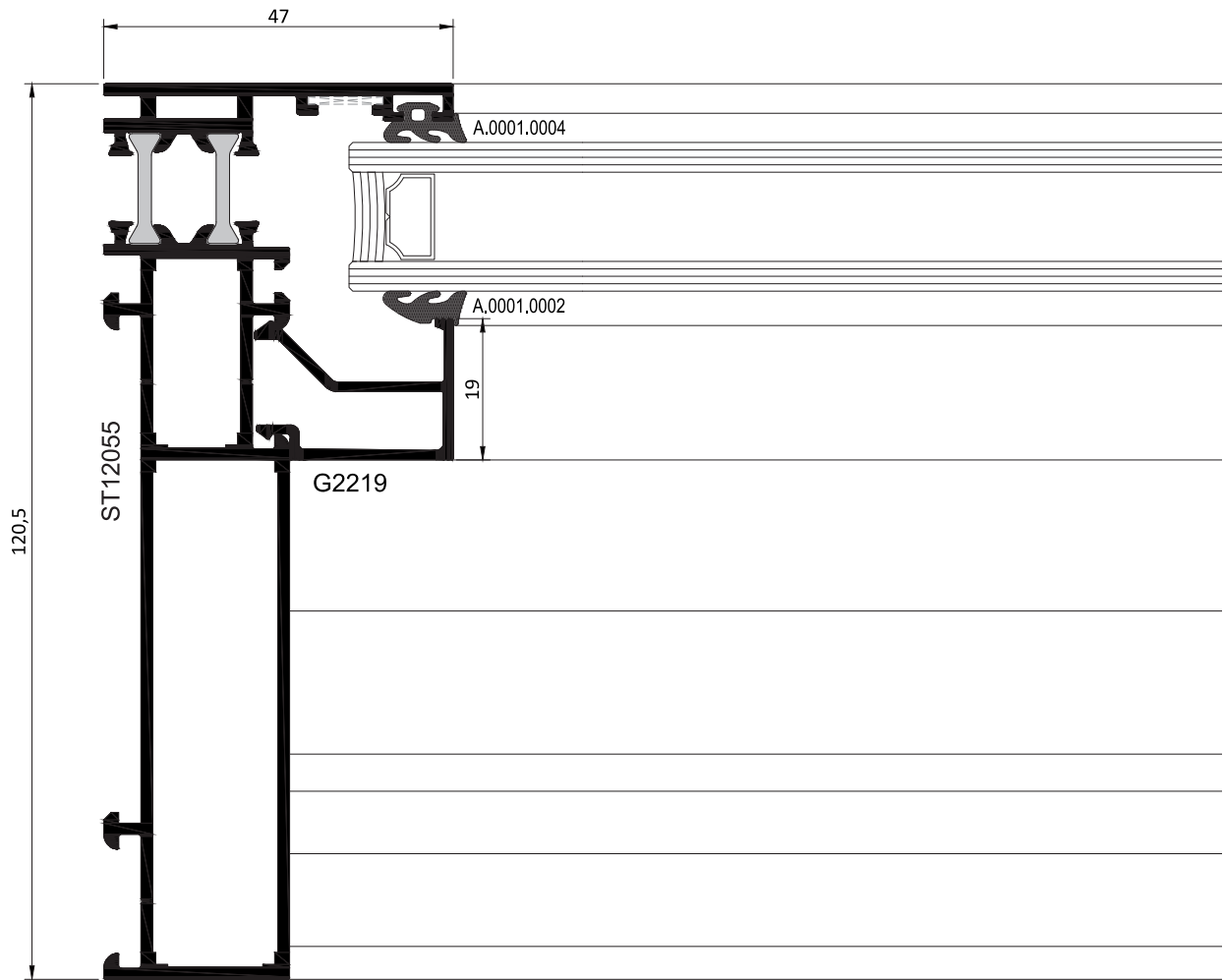
DETAYLAR / DETAILS

SÜRME DETAYI
SLIDING DETAIL

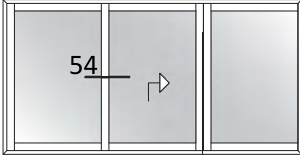
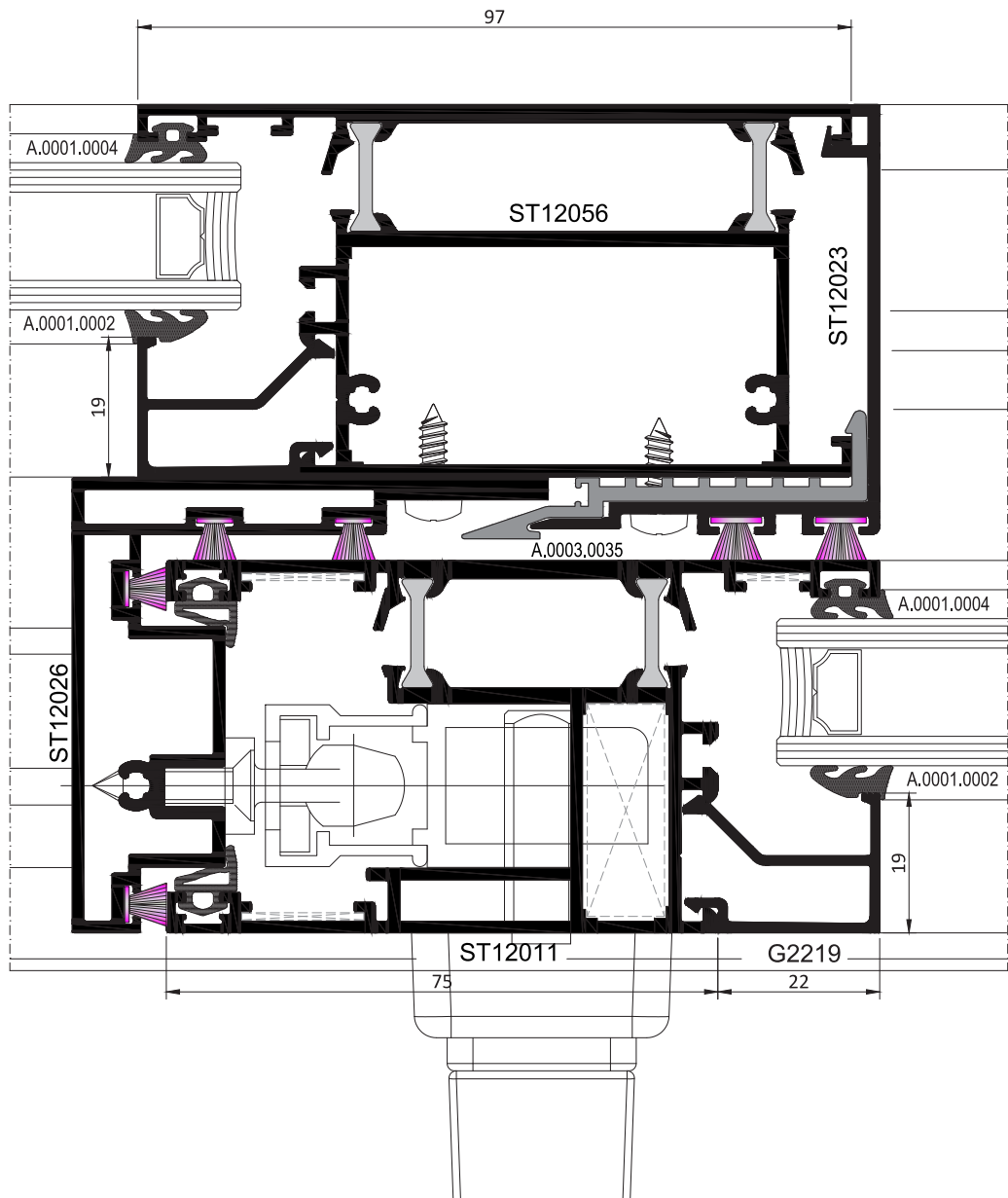
DETAYLAR / DETAILS

SÜRME DETAYI
SLIDING DETAIL

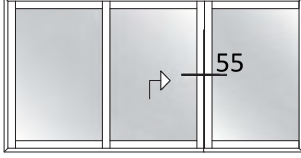
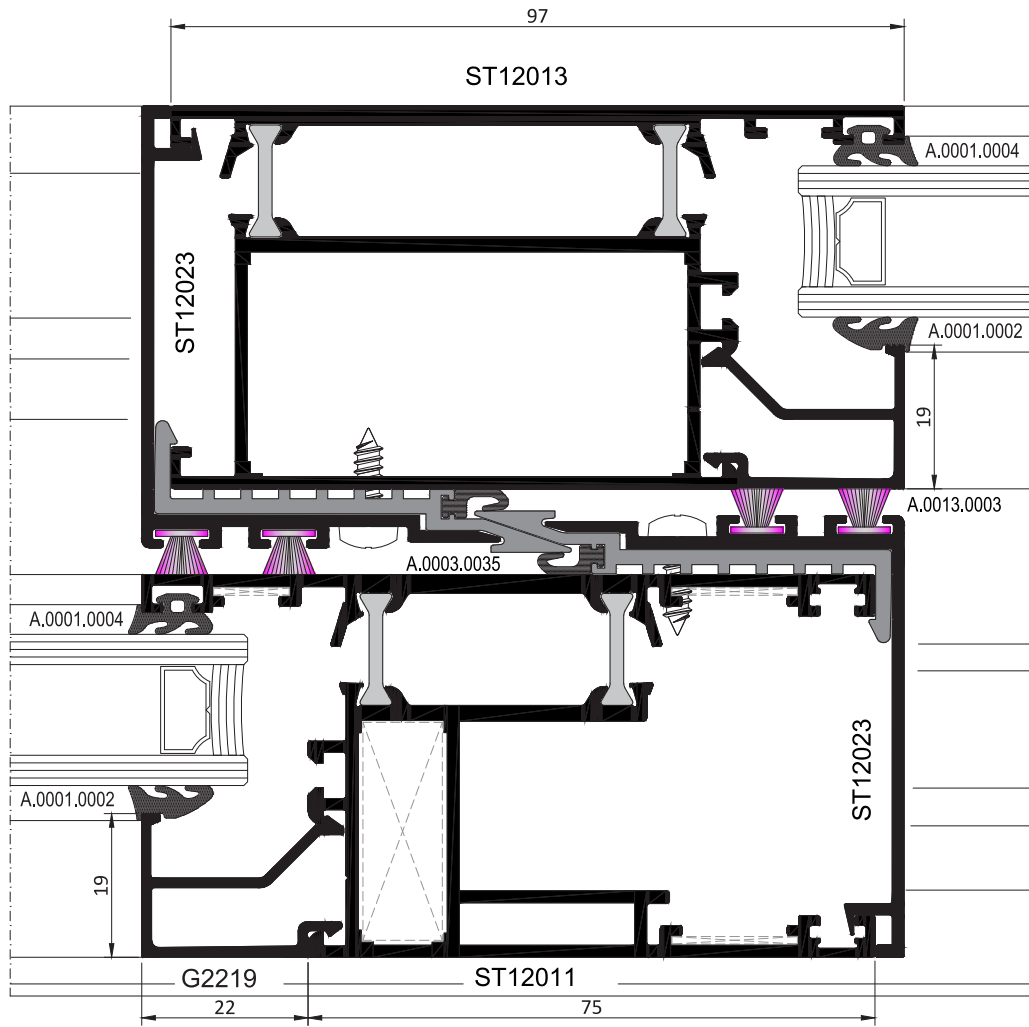
DETAYLAR / DETAILS

SÜRME DETAYI
SLIDING DETAIL

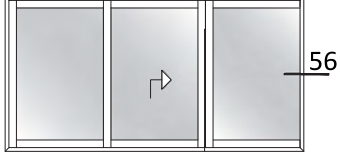
DETAYLAR / DETAILS

SÜRME DETAYI
SLIDING DETAIL

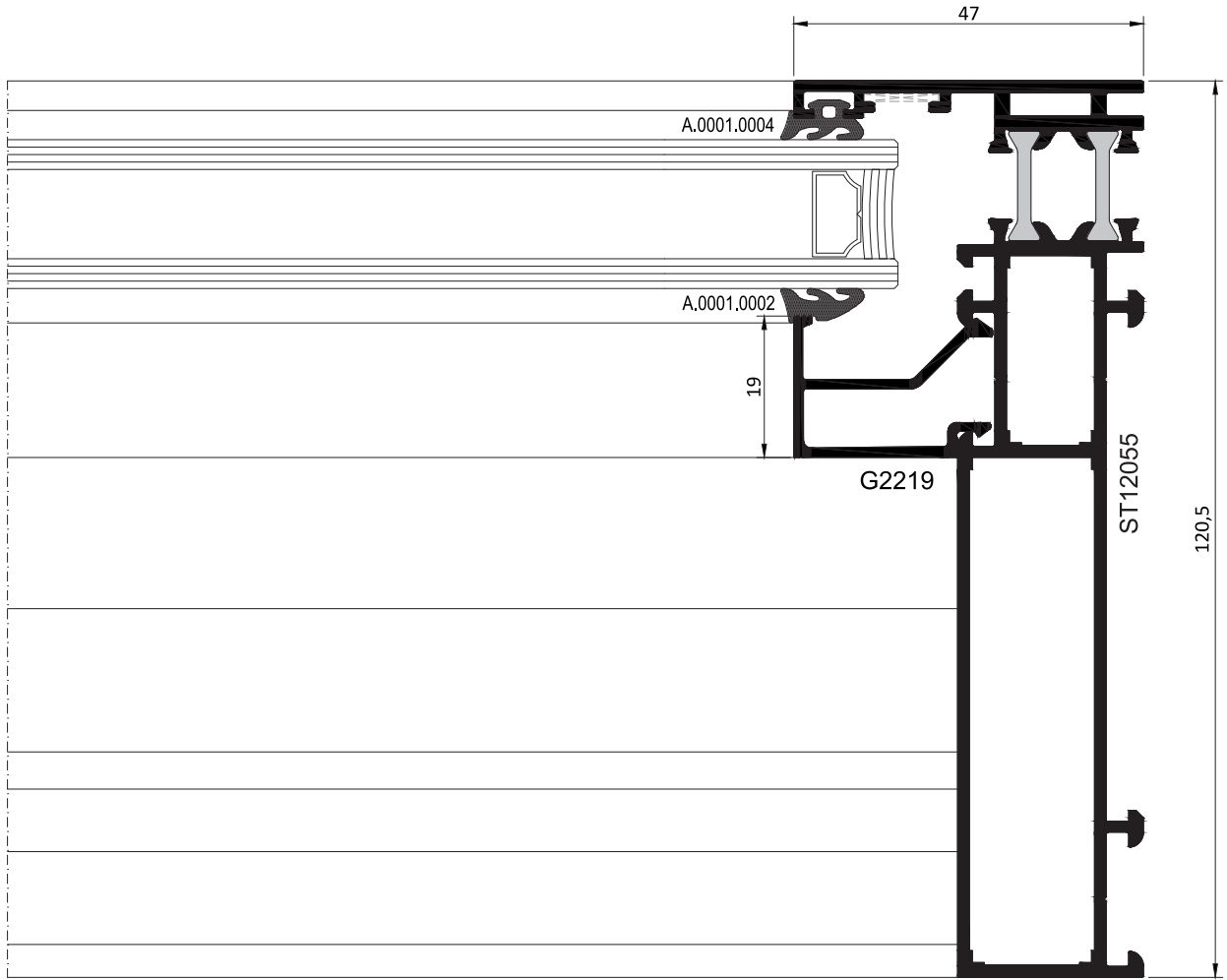
DETAYLAR / DETAILS

SÜRME DETAYI
SLIDING DETAIL

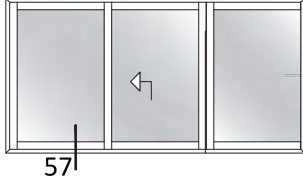
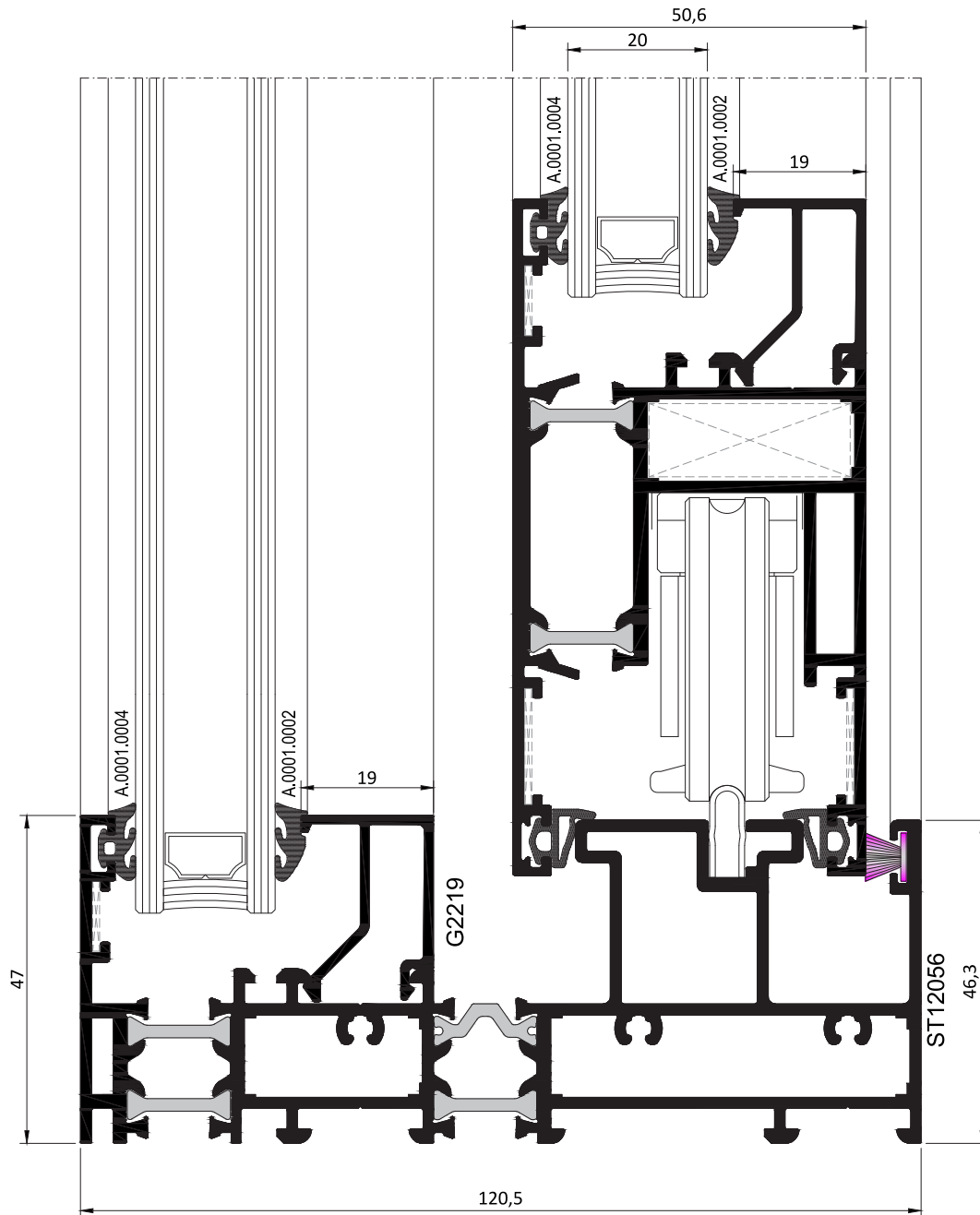
DETAYLAR / DETAILS



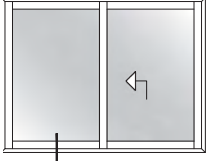
SÜRME DETAYI
SLIDING DETAIL



DETAYLAR / DETAILS

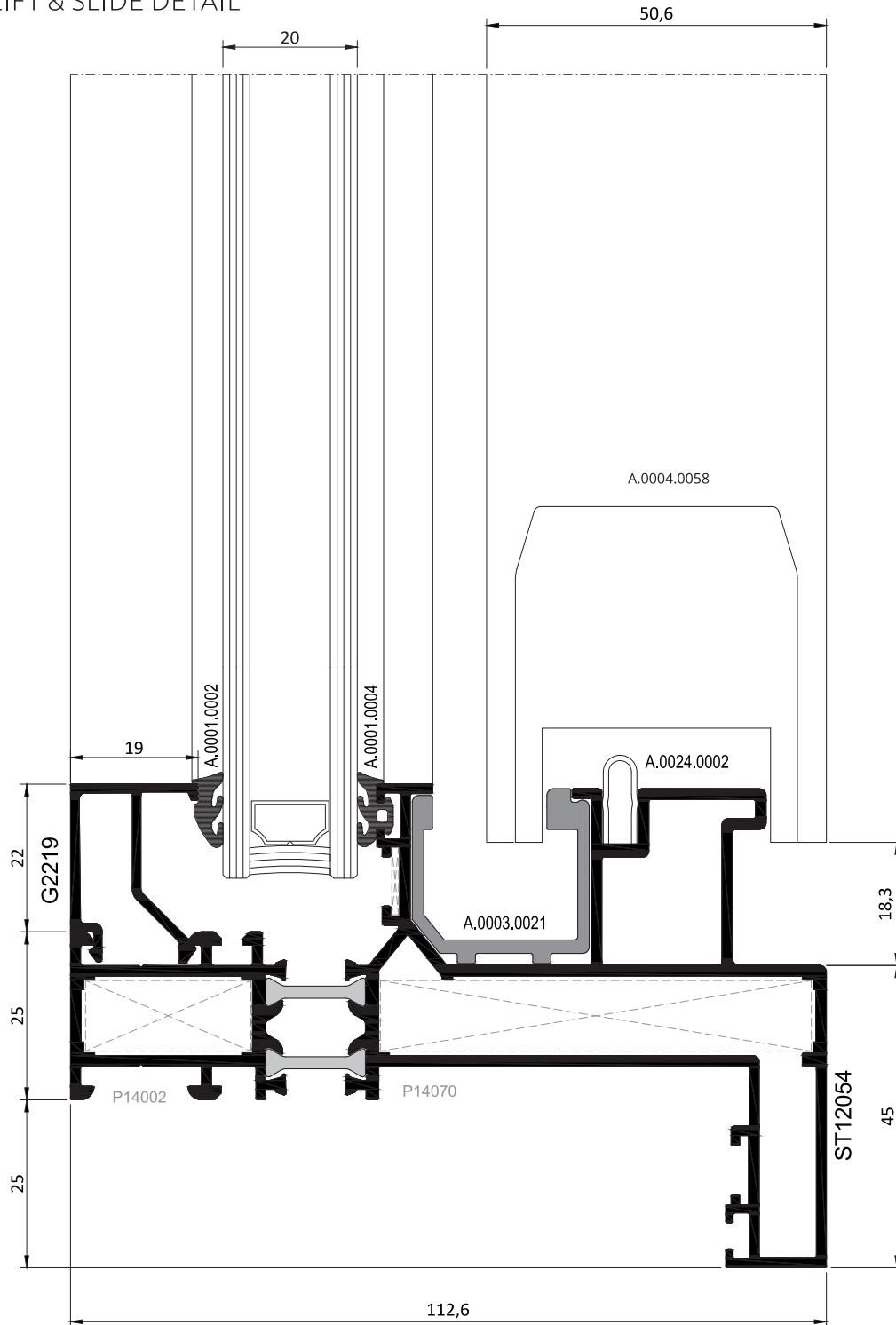
SÜRME DETAYI
SLIDING DETAIL

DETAYLAR / DETAILS



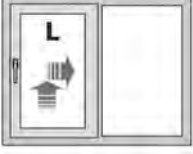
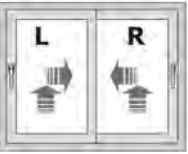
58

MONORAIL KALDIR-SÜR DETAYI
MONORAIL LIFT & SLIDE DETAIL

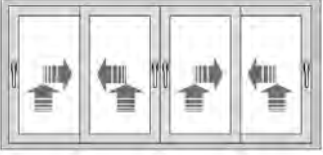


FABRİKASYON DETAYLARI / FABRICATION DETAILS

Diyagram A
Diagram A

Kombinasyonlar / Combinations	
	1 kaldır-sür kanat (L veya R) / 1 Lift&Slide vent (L or R) 1 Sabit Cam / 1 fixed glazing element
	1 kaldır-sür kanat (L ve R) / 1 Lift&Slide vent (L and R) 1 Sabit Cam / 1 fixed glazing element
	2 kaldır-sür kanat (L veya R) / 2 Lift&Slide vent (L or R) 2 Sabit Cam / 2 fixed glazing element
	2 kaldır-sür kanat (L ve R) / 2 Lift&Slide vent (L and R)

Diyagram C
Diagram C

Kombinasyonlar / Combinations	
	2 kaldır-sür kanat (L ve R) / 2 Lift&Slide vent (L and R) 2 Sabit Cam / 2 fixed glazing element
	4 kaldır-sür kanat (L ve R) / 2 Lift&Slide vent (L and R)

Model versiyonları-Genel bakış / Desing variants - overview

Slim

Ağırlık Weight	Araba ünitesi Roller unit			Araba ünitesi yükseltme seti Roller unit upgrade set	Kol yeri sabit ispanyolet / Fixed handle height espagnolett		Amortisörlü With damper
	16	18	22		GÖ 25 Amortisörsüz Without damper	GÖ 27,5 Amortisörsüz Without damper	
≤ 150 kg	■	■	■	-	■	-	-
≤ 200 kg	■	■	■	-	-	■	-
> 200 - ≤ 300 kg	-	■	■	■	-	■	-
> 300 - 400 kg	-	■	■	■	-	-	■

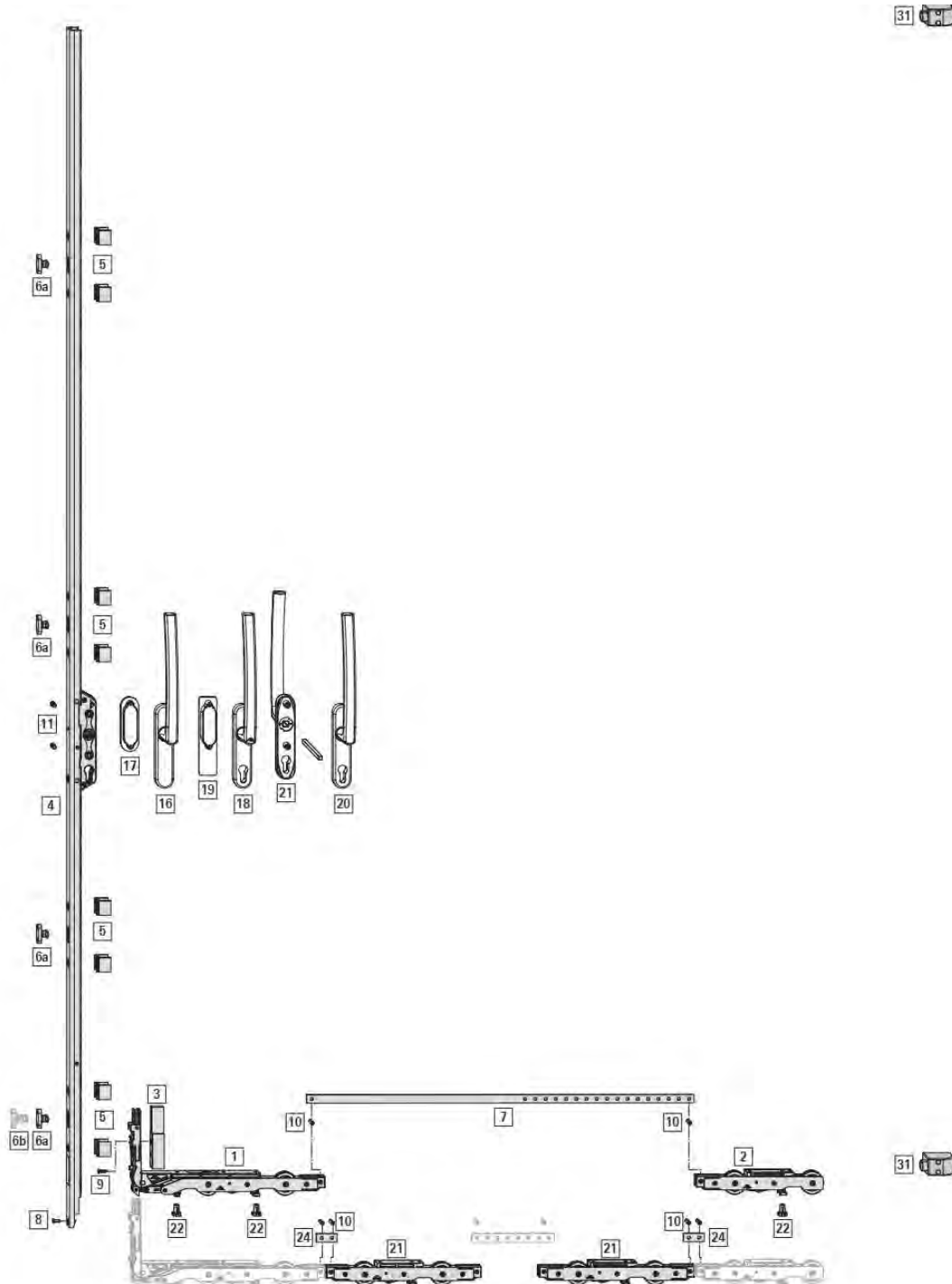
Standart

Ağırlık Weight	Araba ünitesi	Araba ünitesi yükseltme seti	Kol yeri sabit ispanyolet GÖ 37,5 / Fixed handle height espagnolette BS	
	Roler unit	Roller unit upgrade set	Amortisörsüz Without damper	Amortisörsüz Without damper
	22			
≤ 300 kg	■	-	■	-
> 300 - 400 kg	■	■	-	■

FABRİKASYON DETAYLARI / FABRICATION DETAILS

Diyagram A | Standart | 300 / 400 kg

Diagram A | Standard | 300 / 400 kg



Şek. 4.4: Resimde: Sol model; KG 1400 mm; KY 2400 mm; KA 300 / 400 kg

Fig. 4.4: Shown: left version; SW 1400 mm; SH 2400 mm; S.kg 300 / 400 kg

FABRİKASYON DETAYLARI / FABRICATION DETAILS

Uygulama alanı

Application range

KG: 720 - 3000 mm

KY: 1000 - 3100 mm [3]

KA: maks. 400 kg

[*] Araba ünitesi seti / Roller unit set

		Nº
22	-	840245
	Paslanmaz çelik Plus	734288
	Stainless steel Plus	
[*]		#
[1]	İspanyolet tarafı köşe araba ünitesi / Corner roller unit on the Espagnolette side	1
[2]	Orta kayıt tarafı araba ünitesi / Roller unit on the mullion side	1
[8]	Havşa başlı vida M5 x 13 / Countersunk screw	1
[10]	Bağlantı pimi / Connecting pin	2

[*] Altlık seti, köşe araba ünitesi için / Packer set for corner roller unit

	Nº
7,5	861564
16	840774
19	840775
20,5	840776
23	840777
25	840778
30	840779

[*]		#
[3]	Altılık / Packer	1
[9]	Sac vidası ST4,8 x 20 / Self-tapping screw	1

[22] Destek bloğu / Support block

	Nº
maks. 400 kg	762901

[*] Araba ünitesi yükseltme seti; KA > 300 kg
Roller unit upgrade set ; S.kg> 300 kg

	Nº
22	maks. 400 kg
	Paslanmaz çelik Plus
	Stainless steel Plus

[*]		#
[10]	Bağlantı pimi / Connecting pin	4
[21]	Orta ilave araba ünitesi / Auxiliary roller unit, central	2
[24]	Bağlantı plakası / Connecting plate	2

[4] İspanyolet – sabit merkezli kol yüksekliği
Espagnolette – fixed handle height

	Nº
-	maks. 300 kg
	37,5 1000 - 1800 349 1700 N
	840816
	1801 - 2200 953 2185 J
	840378
	2201 - 2600 953 2375 J
	840379
	2601 - 3100 953 3000 J
	840382
min. 300 kg	maks. 400 kg
	1801 - 2200 953 2185 J
	840391
	2201 - 2600 953 2375 J
	840392

[3] > 300 kg; KY_{min} = 1801 mm

	Nº
2601 - 3100 953 3000 J	840393

[11] Diş yuvası, ispanyolet için / Threaded insert for espagnolette

	Nº
37,5	635152

[5] İspanyolet altlığı / Espagnolette packer

	Nº
7,5	8 Adet - Piece(s)
16	8 Adet - Piece(s)
19	8 Adet - Piece(s)
20,5	8 Adet - Piece(s)
23	8 Adet - Piece(s)
25	8 Adet - Piece(s)
30	8 Adet - Piece(s)

	Nº
≤ 1800	6
1801 - 2600	8
> 2600	10

[6a] Gece havalandırmaz kilitleme pimi / Locking pin without night ventilation

	Nº
11	595652
13,5	639864
14,5	639863
15	595650
16	635126
17	635128
22	600508
24,5	639875
24	639896

	Nº
≤ 1800	3
1801 - 2600	4
> 2600	5

[6b] Gece havalandırmalı kilitleme pimi (alternatif olarak en alt konumda)
Locking pin with night ventilation (alternatively at the lowest position)

	Nº
13,5	862390
15	595651
17	639862

[7] Tij / Connecting rod

	Nº
895	634852
1200	595649
1500	634853
1800	606712
2300	634854

Ağırlığa bağlı seçim:

Weight-dependent choice :

FABRİKASYON DETAYLARI / FABRICATION DETAILS

≤ 300 kg

≤ 1500	895
1501 - 1800	1200
1801 - 2100	1500
2101 - 2400	1800
≥ 2401	2300

> 300 kg, yükseltme seti ile araba ünitesi / kg, with roller unit upgrade set

1326 - 2100	895
2101 - 2400	1200
2401 - 2700	1500
≥ 2701	1800

[16] Kaldır-sür kapı kolu - iç kol, profil silindir deliği olmadan, (240 mm kol uzunluğu) kare → CTL_1 ile
Lift&Slide door handle – interior handle without profile cylinder hole (240 mm handle length) with square → CTL_1

Alternatif /Alternatively:

[18] Kaldır-sür kapı kolu - profil silindir deliği ile iç kol (240 mm kol uzunluğu) kare → CTL_1 ile
Lift&Slide door handle – interior handle with profile cylinder hole (240 mm handle length) with square → CTL_1

[20] Kaldır-sür kapı kolu - profil silindir deliği ile iç kol (240 mm kol uzunluğu) ve kare 190 mm (dış kol ile kullanım için → CTL_1 ile
Lift&Slide door handle – interior handle with profile cylinder hole (240 mm handle length) and square 190 mm (for use with exterior handle) → CTL_1

[17] Gömme kol oval | 7 mm (43 mm uzaklık) → CTL_1 / Oval recessed grip | 7 mm (43 mm distance) → CTL_1

Alternatif /Alternatively:

[19] Köşeli gömme kol | 7 / 11 mm → CTL_1 / Square recessed grip | 7 / 11 mm → CTL_1

[21] Kaldır-sür kapı kolu - dış kol (240 mm kol uzunluğu) → CTL_1 /
Lift&Slide door handle – exterior handle (240 mm handle length) → CTL_1

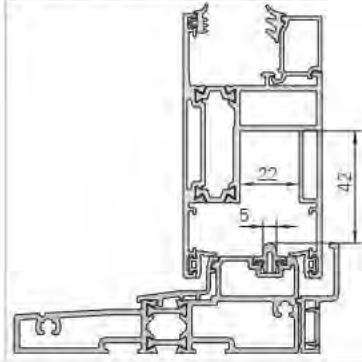
[31] Stoper

27	N ^o 634866
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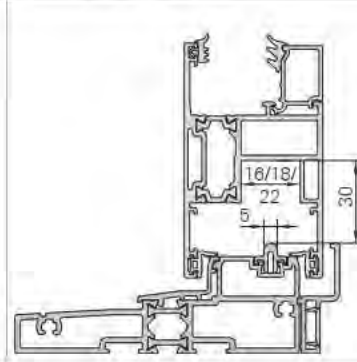
Kol konumu Handle position	Kanat pozisyonu Vent position	Anlamı Meaning
		Kanadın kapalı pozisyonu. Vent in closed position.
		Kanadın sürme konumu. Vent in sliding position.
		Kanadın sabitlenmiş sürme konumu. Vent in fixed sliding position.
		Standart: 11 mm açılmış kanat ve kapalı pozisyondaki kol ile gece havalandırma konumu Standard: night ventilation position with sash opened by 11 mm and handle in closed position. A. Kapalı pozisyon / Closed position B. Gece havalandırma konumu / Night ventilation position C. Sürme konumu / Sliding position

FABRİKASYON DETAYLARI / FABRICATION DETAILS

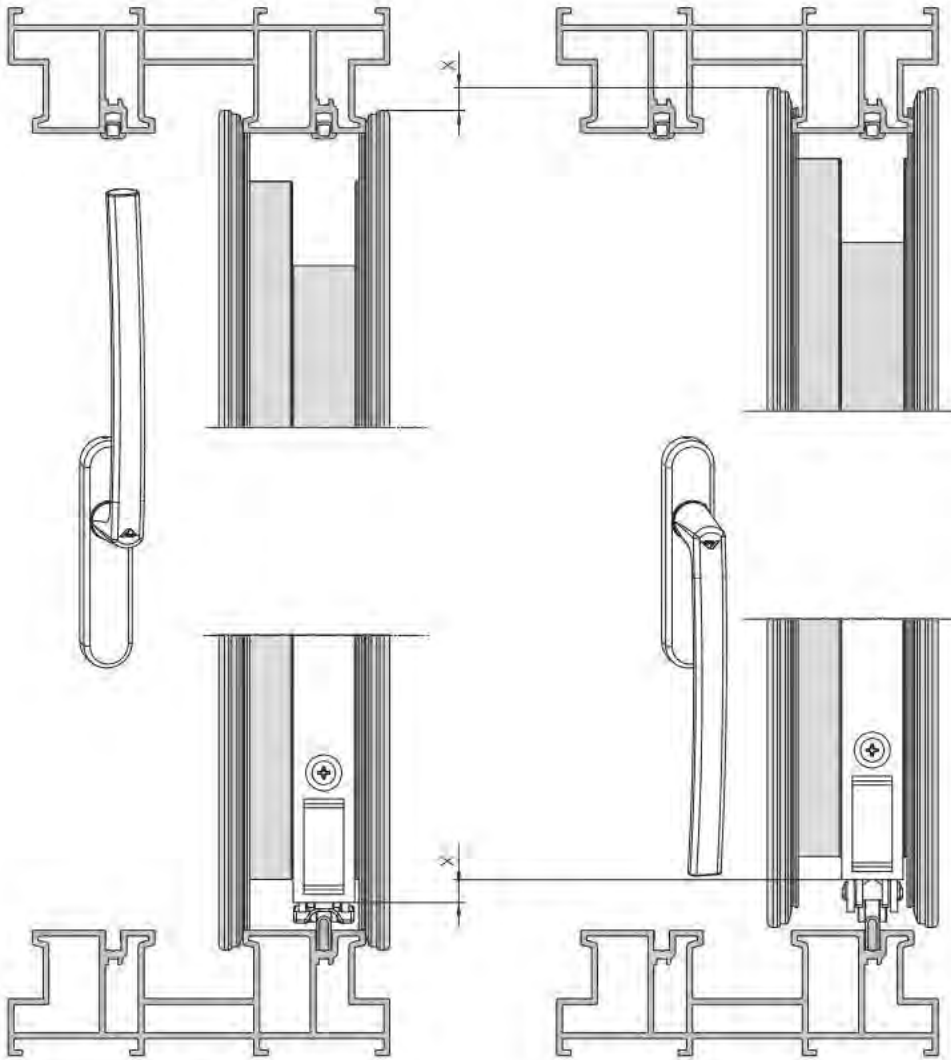
Standart varyantları için kanal / Groove for standard version



Slim varyantları için kanal / Groove for Slim version



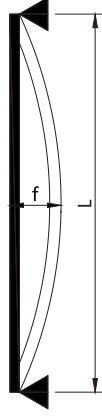
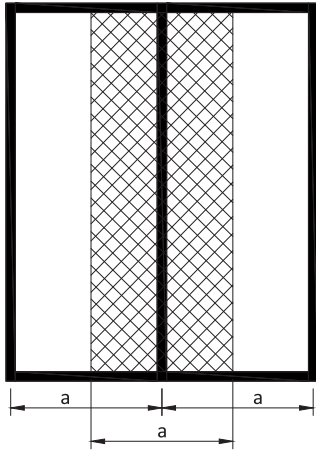
Strok gösterimi / Trave illustration



X Travel max. 7 mm

STATİK DEĞERLER / STATICAL VALUES

SÜRME SİSTEM STATİK ANALİZİ / SLIDING SYSTEM STATIC ANALYSIS



Düzgün yayılı yük durumuna göre atalet momenti formülü

Moment of inertia formula according to uniformly distributed load

$$I_x = \frac{5qxaL^4}{384xEf}$$

I_x: Gerekli profil atalet değeri cm⁴ / Profile inertia value

q: Rüzgar yükü kg/m² / Wind load

a: Kanat genişliği cm / Sash width

L: Kanat yüksekliği cm / Sash height

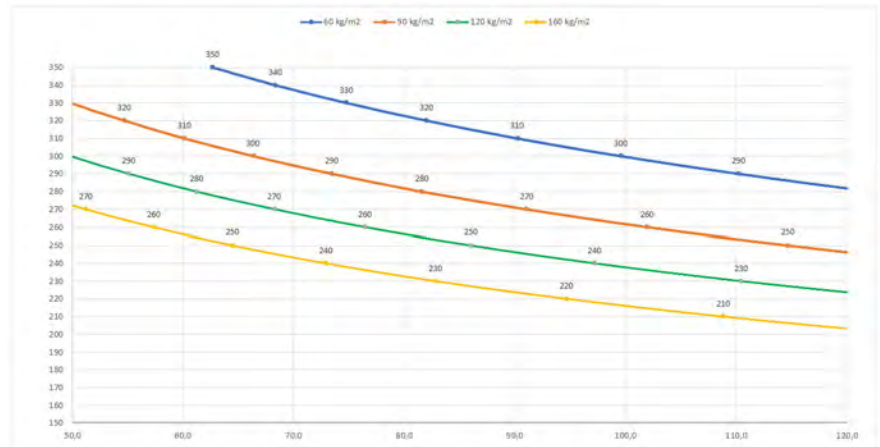
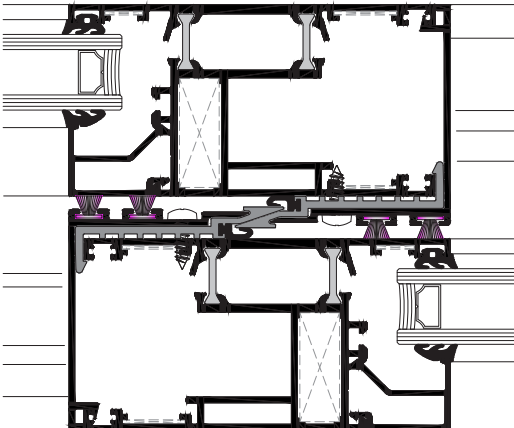
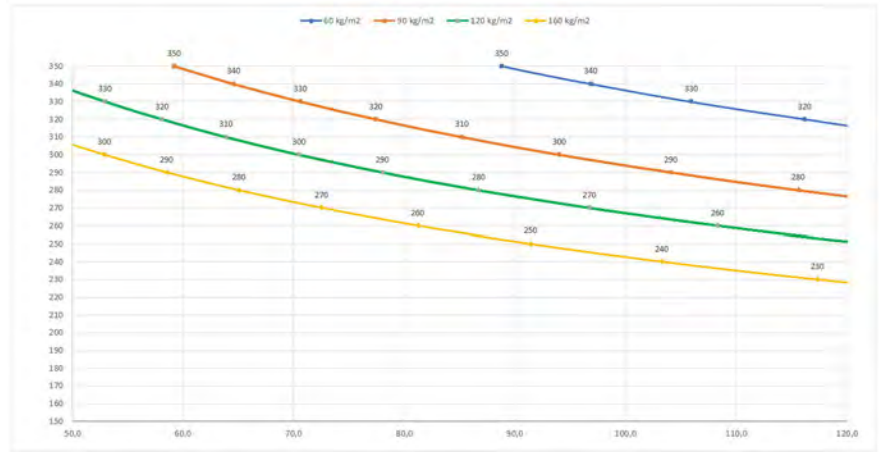
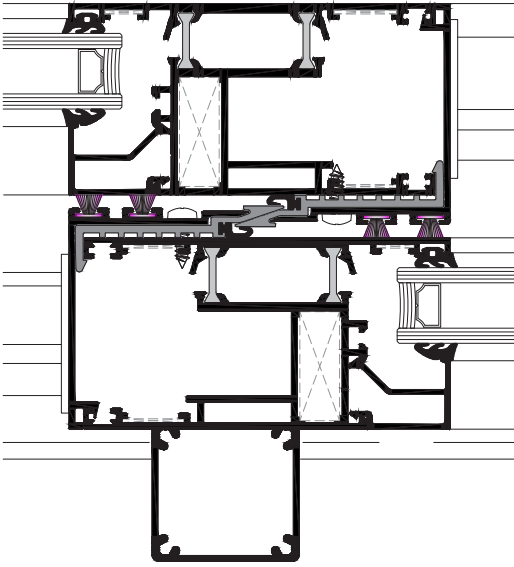
E: Alüminyum elastisite modülü kg/cm² /

Aluminum young's modulus

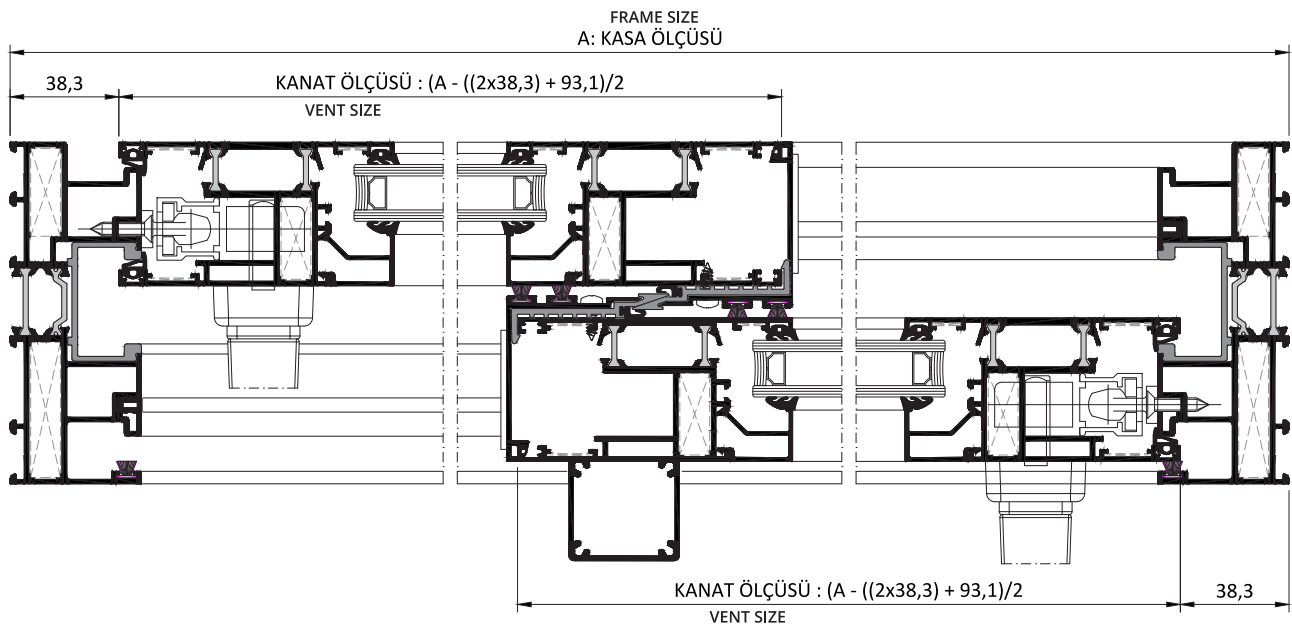
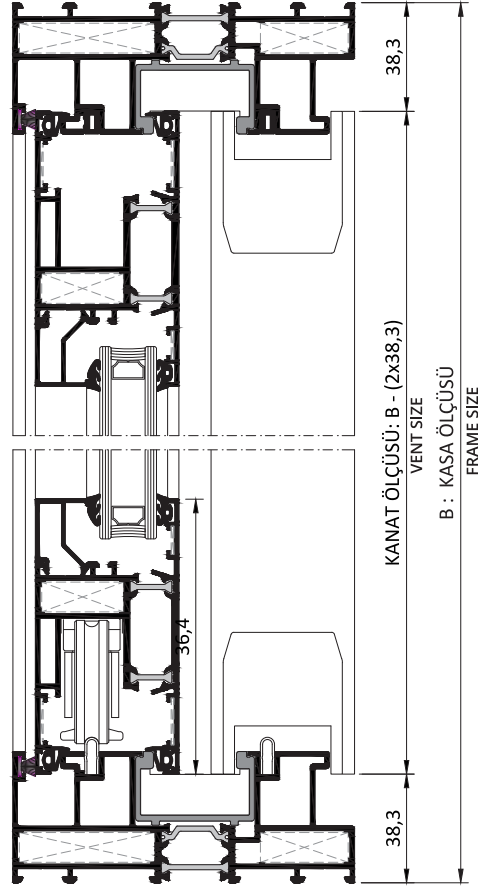
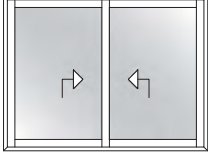
f: Gerekli sehim cm / Deflection

Alüminyum Elastisite Modülü: 700.000 kg/cm²
Aluminum Young's Modulus: 700.000 kg/cm²

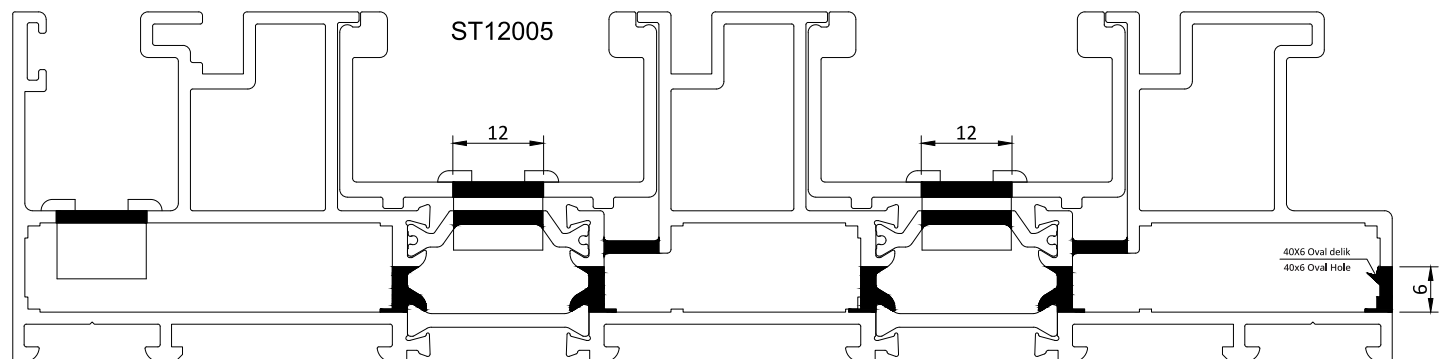
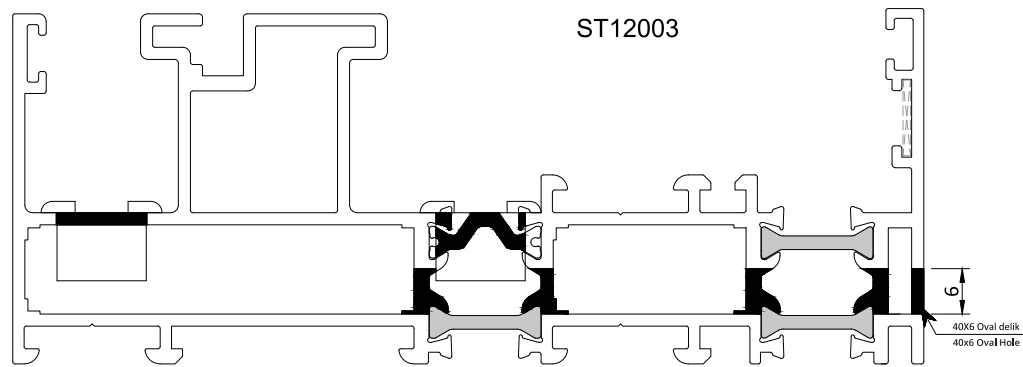
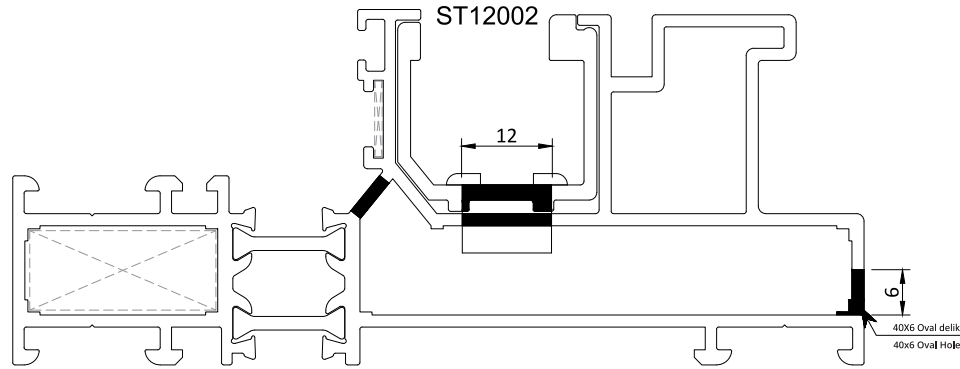
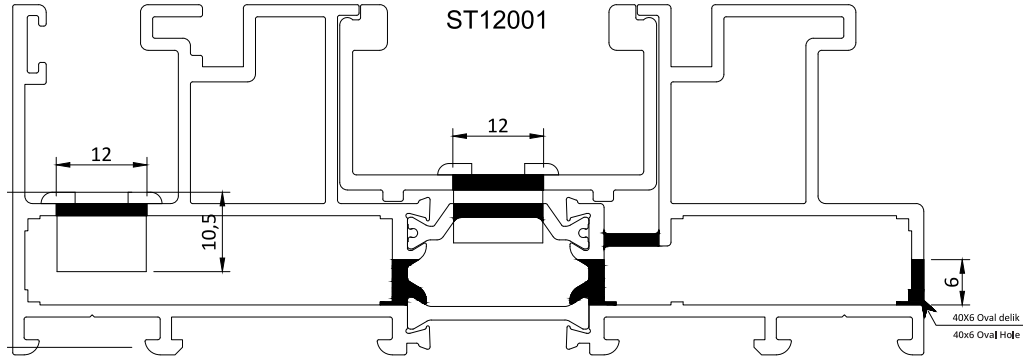
Sehim kriteri L/200'e göre hesaplanmıştır.
Test of deflection has calculated based L/200



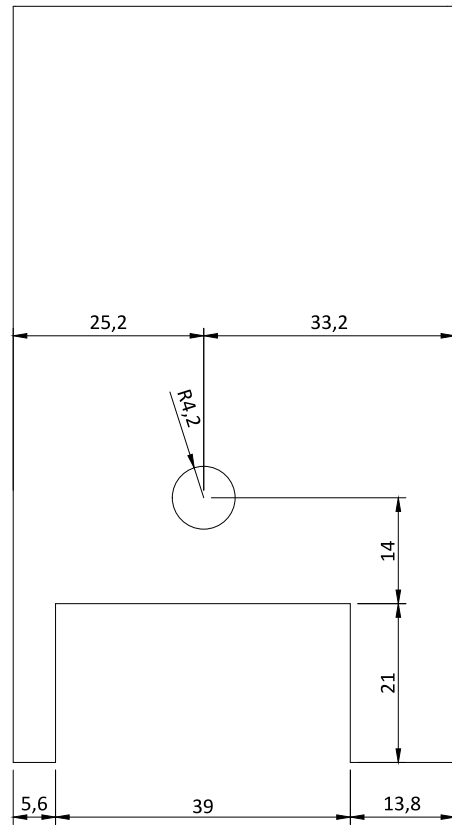
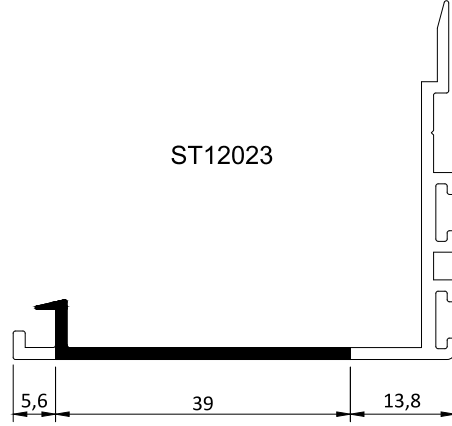
FABRİKASYON DETAYLARI / FABRICATION DETAILS



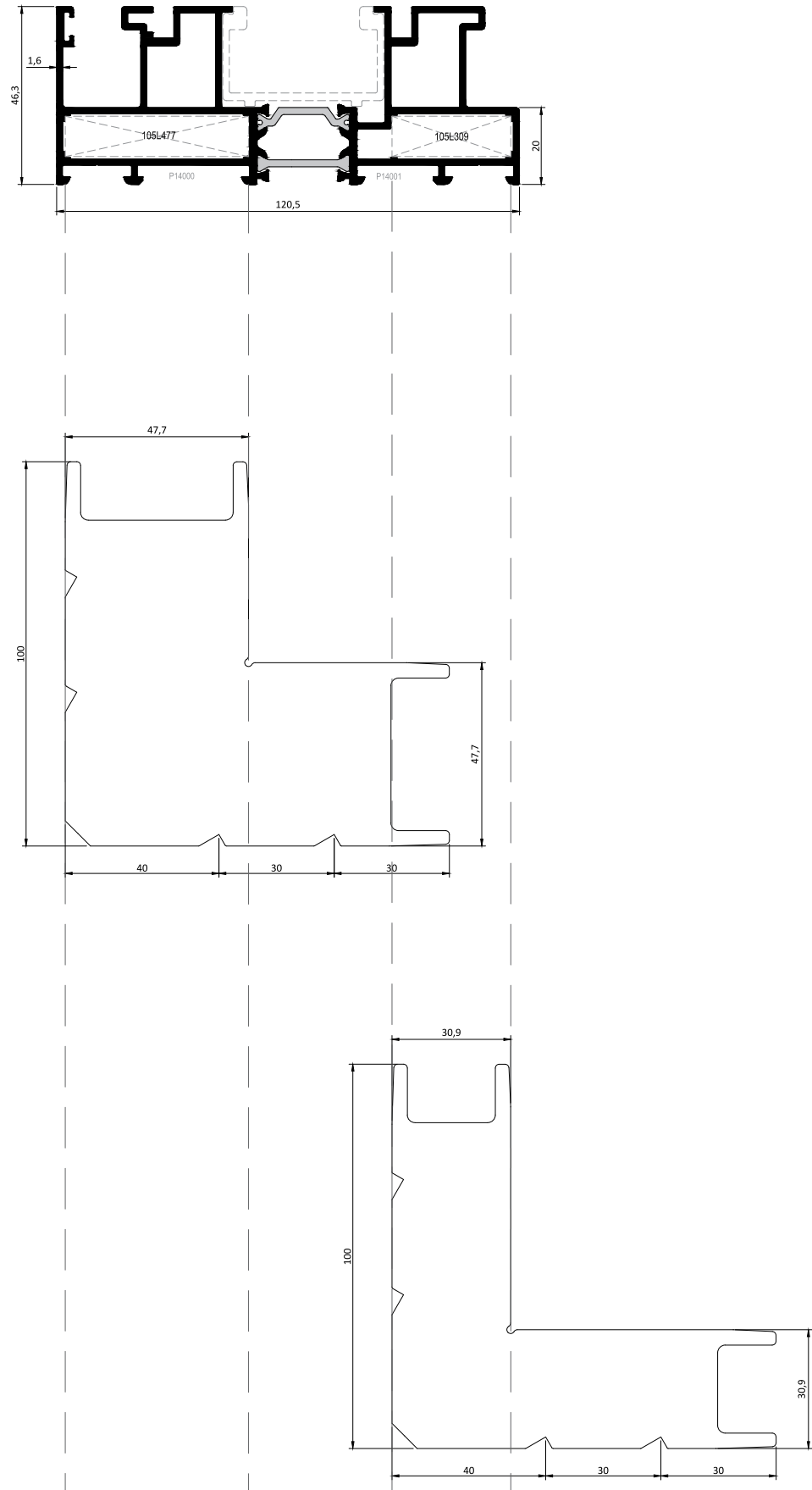
FABRİKASYON DETAYLARI / FABRICATION DETAILS

KASA-KANAT SU TAHLİYE İŞLEMLERİ
FRAME-VENT DRAINAGE APPLICATION

FABRİKASYON DETAYLARI / FABRICATION DETAILS



FABRİKASYON DETAYLARI / FABRICATION DETAILS



ANKA

ST12000

KALDIR SÜR SİSTEMİ

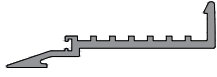
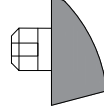
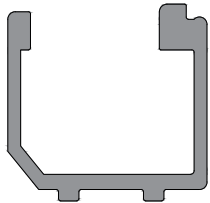
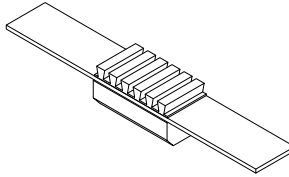
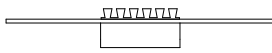
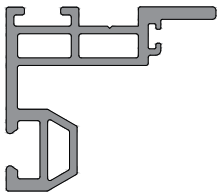
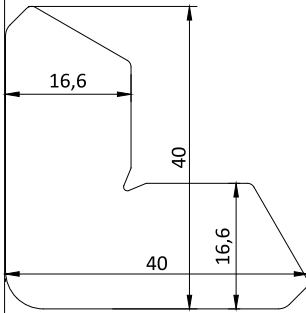
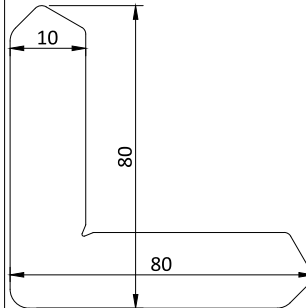


AKSESUARLAR ACCESSORIES

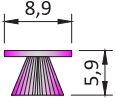
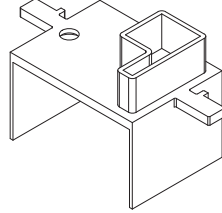
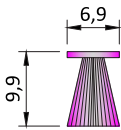
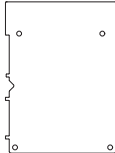
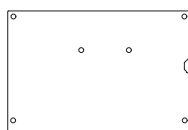
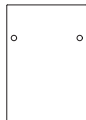
AKSESUARLAR / ACCESSORIES

	A.0001.0001 3 MM CAM FİTİLİ 3 MM GLAZING GASKET Malzeme /Material : EPDM Ağırlık /Weight : 32 gr/m Paket /Package : 375 m/ 12 kg		A.0001.0100 KENET FİTİLİ CONNECTION GASKET Malzeme /Material : EPDM Ağırlık /Weight : 12 gr/m Paket /Package : 1000 m/ 12 kg
	A.0001.0002 4 MM CAM FİTİLİ 4 MM GLAZING GASKET Malzeme /Material : EPDM Ağırlık /Weight : 43 gr/m Paket /Package : 279 m/ 12 kg		A.0001.0103 RAY FİTİLİ RAIL GASKET Malzeme /Material : EPDM Ağırlık /Weight : 37 gr/m Paket /Package : 324 m/ 12 kg
	A.0001.0004 BİNİ FİTİLİ ACOUSTICAL GASKET Malzeme /Material : EPDM Ağırlık /Weight : 39 gr/m Paket /Package : 307 m/ 12 kg		A.0001.0105 KENET FİTİLİ CONNECTION GASKET Malzeme /Material : EPDM Ağırlık /Weight : 9 gr/m Paket /Package : 1.330 m/ 12 kg
	A.0001.0101 BASKI FİTİLİ PRESSURE GASKET Malzeme /Material : EPDM Ağırlık /Weight : 37 gr/m Paket /Package : 324 m/ 12 kg		A.0001.0106 KENET FİTİLİ CONNECTION GASKET Malzeme /Material : EPDM Ağırlık /Weight : 17 gr/m Paket /Package : 705 m/ 12 kg
	A.0001.0102 RAY FİTİLİ RAIL GASKET Malzeme /Material : EPDM Ağırlık /Weight : 42 gr/m Paket /Package : 285 m/ 12 kg		A.0001.0097 RAY FİTİLİ RAIL GASKET Malzeme /Material : EPDM

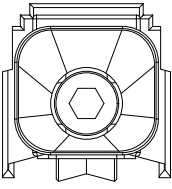
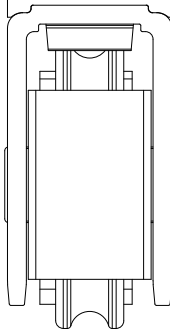
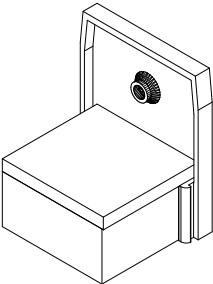
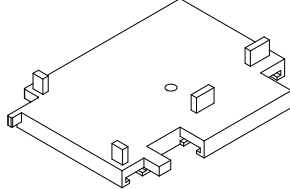
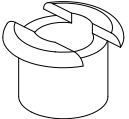
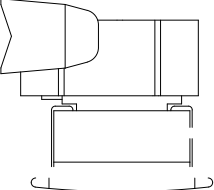
AKSESUARLAR / ACCESSORIES

	A.0003.0035 KENET PVC İZOLATÖR PVC CONNECTION INSULATOR		A.0004.0011 PVC TAHLİYE KAPAĞI PVC DRAINAGE COVER
	A.0003.0021 PVC U İZOLATÖR PVC U INSULATOR		A.0004.0033 PVC ALT VE ÜST SIZDIRMAZLIK PARÇASI PVC BOTTOM & TOP SEALING PART
	A.0003.0019 PVC U İZOLATÖR PVC U INSULATOR		A.0004.0036 PVC ALT VE ÜST SIZDIRMAZLIK PARÇASI PVC BOTTOM & TOP SEALING PART
	A.0003.0022 PVC KENET PROFİLİ PVC CONNECTION PROFILE		A.0015.0005 PASLANMAZ KÖŞE ÇAVUŞU STAINLESS STEEL CORNER PIECE
	A.0004.0035 PVC İZOLATÖR PVC INSULATOR		A.0015.0015 PASLANMAZ KÖŞE ÇAVUŞU STAINLESS STEEL CORNER PIECE

AKSESUARLAR / ACCESSORIES

	A.0013.0003 KİL FİTİL BRUSH SEAL		A.0004.0059 ADAPTÖR KAPAĞI ADAPTER CAP
	A.0013.0006 KİL FİTİL BRUSH SEAL		A.0015.0019 ST12010 için ALÜMİNYUM KAPAK ALUMINUM COVER FOR ST12010
	A.0015.0016 ST12028 için ALÜMİNYUM KAPAK ALUMINUM COVER FOR ST12028		A.0015.0020 ST12007 için ALÜMİNYUM KAPAK ALUMINUM COVER FOR ST12007
	A.0015.0017 ST12023 için ALÜMİNYUM KAPAK ALUMINUM COVER FOR ST12029		A.0015.0021 ST12008 için ALÜMİNYUM KAPAK ALUMINUM COVER FOR ST12008
	A.0015.0018 ST12030 için ALÜMİNYUM KAPAK ALUMINUM COVER FOR ST12030		A.0004.0038 ADAPTÖR KAPAĞI ADAPTER CAP

AKSESUARLAR / ACCESSORIES

	A.0012.0006 ÇİFTLİ RULMAN PULLEY WITH DOUBLE WHEELS		A.0012.0008 ÇİFTLİ RULMAN PULLEY WITH DOUBLE WHEELS
	A.0004.0058 PVC ALT VE ÜST RAY KAPAĞI PVC BOTTOM & TOP RAIL COVER		A.0004.0054 PVC KÖŞE ENJEKSİYON PVC CORNER INJECTION
	A.0024.0002 ÇELİK RAY STEEL RAIL		A.0001.0137 ST12000 KÖŞE FİTİLİ ST12000 CORNER GASKET Malzeme /Material : EPDM Ağırlık /Weight : 38 gr/m Paket /Package : 315 m/ 12 kg
	A.0004.0039 SU TAHLİYESİ WATER DRAINAGE		A.0001.0138 ST12000 KÖŞE FİTİLİ ST12000 CORNER GASKET Malzeme /Material : EPDM Ağırlık /Weight : 39 gr/m Paket /Package : 307 m/ 12 kg
	A.0008.0013 GÖMME SÜRGÜ KİLİT INSERT SLIDING LOCK		A.0001.0142 KENET FİTİLİ CONNECTION GASKET Malzeme /Material : EPDM Ağırlık /Weight : 23 gr/m Paket /Package : 521 m/ 12 kg