GlobAlum

Globaly Aluminum Passion

SLIDING SYSTEM
SERIES GSI42

GSI42

GlobAlum
Globaly Aluminum Passion

دسته بندی شهرها بر مبنای سرعت باد

گروه یک

City	Wind Velocity Km/h سرعت باد	نام شهر
TORBAT HEYDARIEH	80	تربت حیدریه
KHORRAM ABAD	80	خرم آباد
ZANJAN	80	زنجان
SEMNAN	80	سمنان
SHAHROUD	80	شاهرود
SHAHRE KORD	80	شهر کرد
SHIRAZ	80	شیراز
GORGAN	80	گرگان

ارتفاع ساختمـان از تـراز همکف به متر	فشار باد در مناطق داخل شهر		گروه دسته بندی شده بر مبنای فشار باد
	کیلو نیوتن بر متر مربع	پاسکال بر متر مربع	
5	0.48	480	Class 1
10	0.48	480	Class 1
15	0.51	510	Class 1
20	0.56	560	Class 1
25	0.59	590	Class 1
30	0.63	630	Class 2
35	0.66	660	Class 2
40	0.68	680	Class 2
45	0.71	710	Class 2
50	0.73	730	Class 2
55	0.75	750	Class 2
60	0.77	770	Class 2
65	0.79	790	Class 2
70	0.81	810	Class 3
75	0.83	830	Class 3
80	0.84	840	Class 3
85	0.86	860	Class 3
90	0.87	870	Class 3
95	0.89	890	Class 3

دسته بندی شهرها بر مبنای سرعت باد

گروه دو

City	Wind Velocity Km/h سرعت باد	نام شهر
ARAK	90	اراک
UROMIE	90	ارومیه
ABADAN	90	آبادان
BANDAR LENGEH	90	بندر لنگه
BIRJAND	90	بیرجند
CHABAHAR	90	چا بهار
KHOY	90	خوی
RAMSAR	90	رامسر
RASHT	90	رشت
SABZEVAR	90	سبزوار
SANANDAJ	90	سنندج
TABAS	90	طبس
FASA	90	فسا
QA-EM SHAHR	90	قائم شهر
QOM	90	قم
KERMANSHAH	90	کرمانشاه
MASH'HAD	90	مشهد
NOSHAHR	90	نوشهر

ارتفاع ساختمـان از تـراز همکف به متر	فشار باد در مناطق داخل شهر		گروه دسته بندی شده بر مبنای فشار باد
	کیلو نیوتن بر متر مربع	پاسکال بر متر مربع	
5	0.60	600	Class 1
10	0.60	600	Class 1
15	0.65	650	Class 2
20	0.70	700	Class 2
25	0.75	750	Class 2
30	0.79	790	Class 2
35	0.83	830	Class 3
40	0.87	870	Class 3
45	0.90	900	Class 3
50	0.93	930	Class 3
55	0.95	950	Class 3
60	0.98	980	Class 3

دسته بندی شهرها بر مبنای سرعت باد

گروه سه

City	Wind Velocity Km/h سرعت باد	نام شهر
ABADEH	100	آباده
BABOLSAR	100	بابلسر
BANDAR ABBAS	100	بندر عباس
BOUSHEHR	100	بوشهر
PARS ABAD MOGHAN	100	پارس آباد مغان
TEHRAN	100	تهران
JASK	100	جاسک
KISH	100	جزیره کیش
SAGHEZ	100	سقز
QAZVIN	100	قزوین
KASHAN	100	کاشان
HAMEDAN	100	همدان

ارتفاع ساختمان از تراز همکف به متر	فشار باد در مناطق داخل شهر		گروه دسته بندی شده بر مبنای فشار باد
	کیلو نیوتن بر متر مربع	پاسکال بر متر مربع	
5	0.74	740	Class 2
10	0.74	740	Class 2
15	0.80	800	Class 2
20	0.87	870	Class 3
25	0.93	930	Class 3
30	0.98	980	Class 3
35	1.03	1030	Class 3
40	1.07	1070	Class 3
45	1.11	1110	Class 3
50	1.14	1140	Class 3
55	1.18	1180	Class 3
60	1.21	1210	Class 4
65	1.24	1240	Class 4
70	1.26	1260	Class 4
75	1.29	1290	Class 4
80	1.32	1320	Class 4
85	1.34	1340	Class 4
90	1.36	1360	Class 4

دسته بندی شهرها بر مبنای سرعت باد

گروه چهار

City	Wind Velocity Km/h سرعت باد	نام شهر
ISFAHAN	110	اصفهان
OMIDIEH	110	امیدیه
AHWAZ	110	اهواز
IRANSHAHR	110	ایرانشهر
ABALI	110	آبعلی
AGHAJARI	110	آغاجاری
BAM	110	بم
BANDAR ANZALI	110	بندر انزلی
TABRIZ	110	تبریز
SIRI	110	جزیره سیری
DEZFOUL	110	دزفول
SARAKHS	110	سرخس
MARAGHE	110	مراغه
YAZD	110	یزد

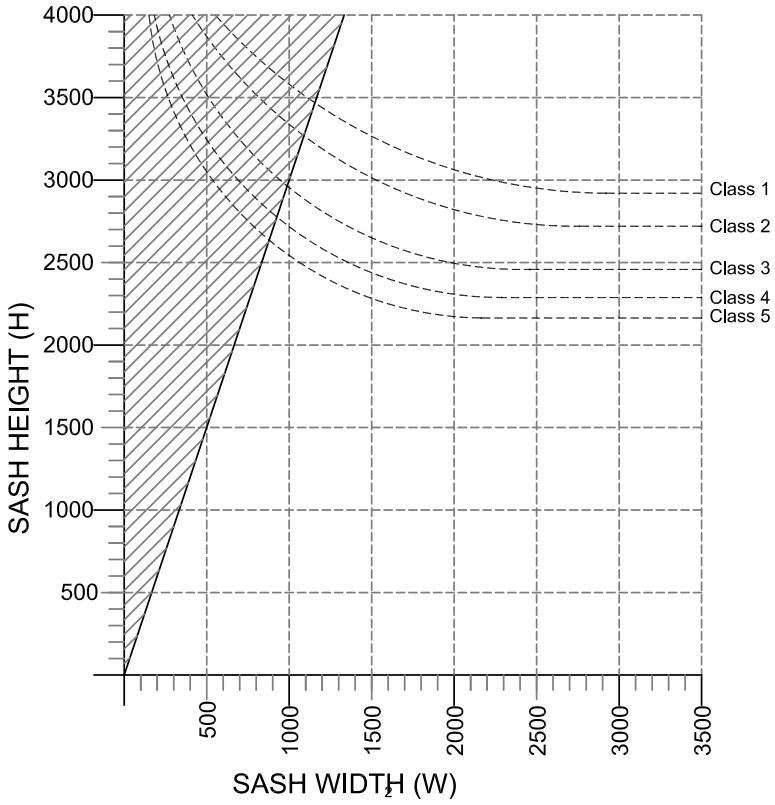
گروه دسته بندی شده بر مبنای فشار باد	فشار باد در مناطق داخل شهر		ارتفاع ساختمان از تراز همکف به متر
	پاسکال بر متر مربع	کیلو نیوتن بر متر مربع	
Class 3	900	0.90	5
Class 3	900	0.90	10
Class 3	960	0.96	15
Class 3	1050	1.05	20
Class 3	1120	1.12	25
Class 3	1190	1.19	30
Class 4	1240	1.24	35
Class 4	1290	1.29	40
Class 4	1340	1.34	45
Class 4	1380	1.38	50
Class 4	1420	1.42	55
Class 4	1460	1.46	60
Class 4	1500	1.50	65
Class 4	1530	1.53	70
Class 4	1560	1.56	75
Class 4	1590	1.59	80

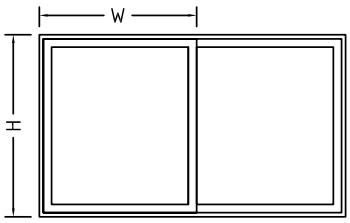
دسته بندی شهرها بر مبنای سرعت باد

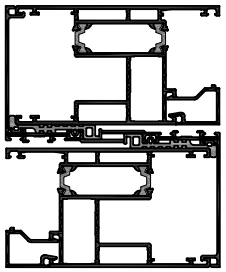
گروه پنج

City	Wind Velocity Km/h سرعت باد	نام شهر
ZABOL	120	زابل
ARDEBIL	130	اردبیل
BOJNOURD	130	بجنورد
ZAHEDAN	130	زاهدان
KERMAN	130	کرمان
MANJIL	130	منجیل

گروه دسته بندی شده بر مبنای فشار باد	فشار باد در مناطق داخل شهر		ارتفاع ساختمان از تراز همکف به متر
	پاسکال بر متر مربع	کیلو نیوتن بر متر مربع	
Class 4	1260	1.26	5
Class 4	1260	1.26	10
Class 4	1350	1.35	15
Class 4	1470	1.47	20
Class 4	1570	1.57	25
Class 5	1660	1.66	30
Class 5	1740	1.74	35
Class 5	1810	1.81	40
Class 5	1870	1.87	45
Class 5	1930	1.93	50
Class 5	1990	1.99	55







$J_x = 52.2 \times 2 = 104.4\ cm^4$

——— Class 1, 0.6 kN/m, 600 Pa/m^2

——— Class 2, 0.8 kN/m^2, 800 Pa/m^2

——— Class 3, 1.2 kN/m^2, 1200 Pa/m^2

——— Class 4, 1.6 kN/m^2, 1600 Pa/m^2

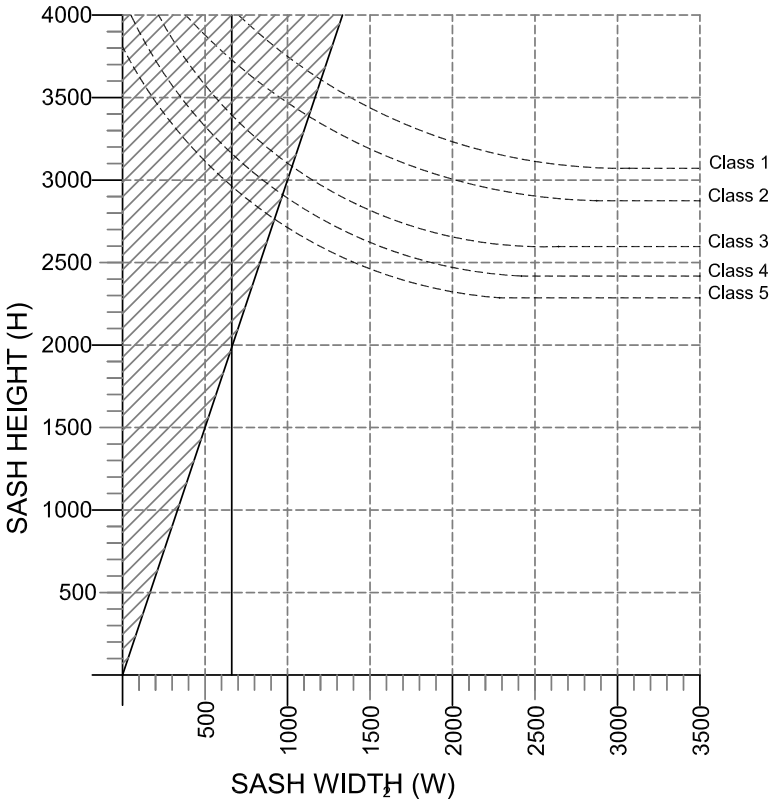
——— Class 5, 2.0 kN/m^2, 2000 Pa/m^2

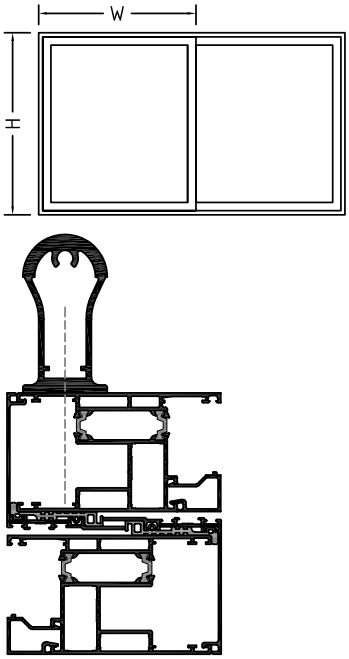
NOTES:

Max. Deflection = 15mm. in accordance with EN14351-1

Max. Sash weight = 300 kg

▨ Not recommended dimension





$J_x = (52.2 \times 2) + 25.82$

$= 130.22\ cm^4$

——— Class 1, 0.6 kN/m, 600 Pa/m^2

——— Class 2, 0.8 kN/m^2, 800 Pa/m^2

——— Class 3, 1.2 kN/m^2, 1200 Pa/m^2

——— Class 4, 1.6 kN/m^2, 1600 Pa/m^2

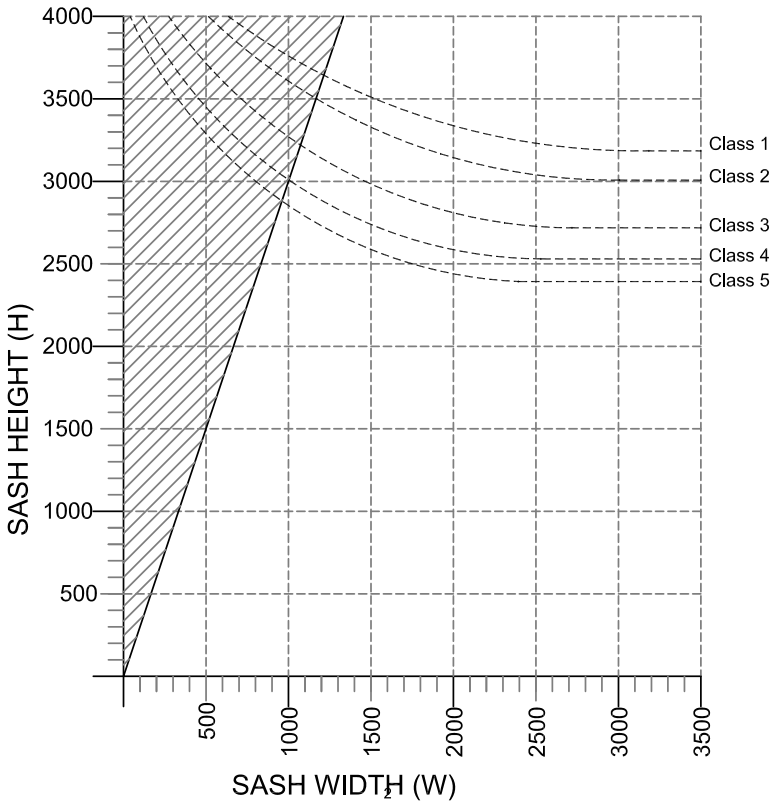
——— Class 5, 2.0 kN/m^2, 2000 Pa/m^2

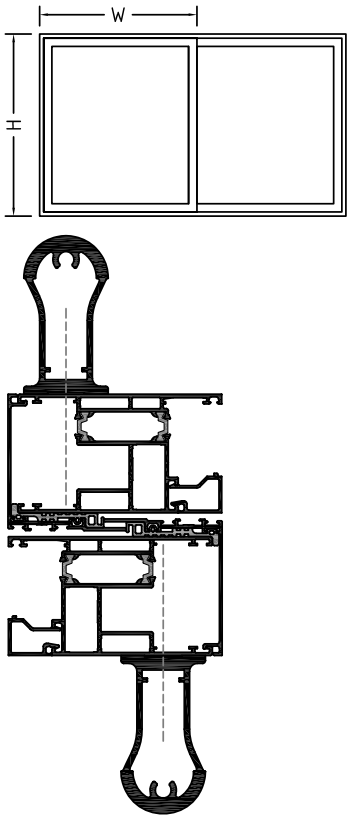
NOTES:

Max. Deflection = 15mm. in accordance with EN14351-1

Max. Sash weight = 300 kg

▨ Not recommended dimension





J_x = (52.2 x 2) + (25.82 x 2)

= 156.04 cm^4

——— Class 1, 0.6 kN/m, 600 Pa/m^2

——— Class 2, 0.8 kN/m^2, 800 Pa/m^2

——— Class 3, 1.2 kN/m^2, 1200 Pa/m^2

——— Class 4, 1.6 kN/m^2, 1600 Pa/m^2

——— Class 5, 2.0 kN/m^2, 2000 Pa/m^2

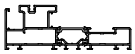
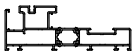
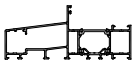
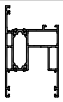
NOTES:

Max. Deflection = 15mm. in accordance with EN14351-1

Max. Sash weight = 300 kg

▨ Not recommended dimension

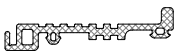
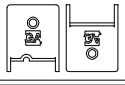
PROFILES :

Number	Shape	DESCRIPTION	I_x cm^4	I_y cm^4
2111421		Frame profile 46/24 . Polyamid34	167.93	16.71
2111422		Frame profile 46/24 . Polyamid24	164.29	16.98
2111423		Pocket Frame profile 46/46	44.01	16.02
2116804		Fix Frame profile 60/38/142	162.06	2.67
2211421		Sash profile 103/81	46.99	35.64
2411421		Thermal break frame Mullion Transom 92/48	34.36	27.98
2611421		Meeting profile	–	–
1000439		Frame cover	–	–
1000440		Frame cover	–	–
1000441		Fixed sash add on profile	–	–
1000445		Interlock	–	–
1000525		Middle opening interlock	–	–
1000461		Rail	–	–
5422200		Fixed sash support	–	–
1000520		Drainage Cover Profile	–	–
1000521		Drainage Channel Profile	–	–
1000522		Support Profile	–	–
1000200		Cover Profile	–	–
1000564		Wall Connection Profile	–	–

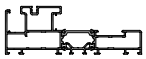
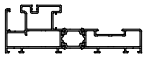
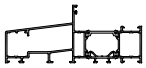
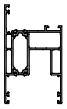
PROFILES :

Number	Shape	DESCRIPTION
1000334		Glazing bead 5 mm. 10/14
1000213		Glazing bead 12 mm. 10/14
1000286		Glazing bead 15 mm. 10/14
1000285		Glazing bead 20 mm. 10/14
1000194		Glazing bead 25 mm. 10/14
1000208		Glazing bead 30 mm. 10/14
1000193		Glazing bead 35 mm. 10/14
1000451		Glazing bead 40 mm. 10/14
1000466		Glazing bead 4 mm. 14/18
1000409		Glazing bead 12 mm. 14/18
1000405		Glazing bead 20 mm. 14/18
1000414		Glazing bead 28 mm. 14/18
1000467		Glazing bead 36 mm. 14/18

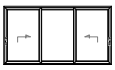
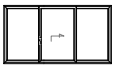
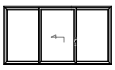
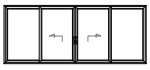
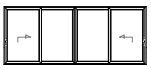
ACCESSORIES :

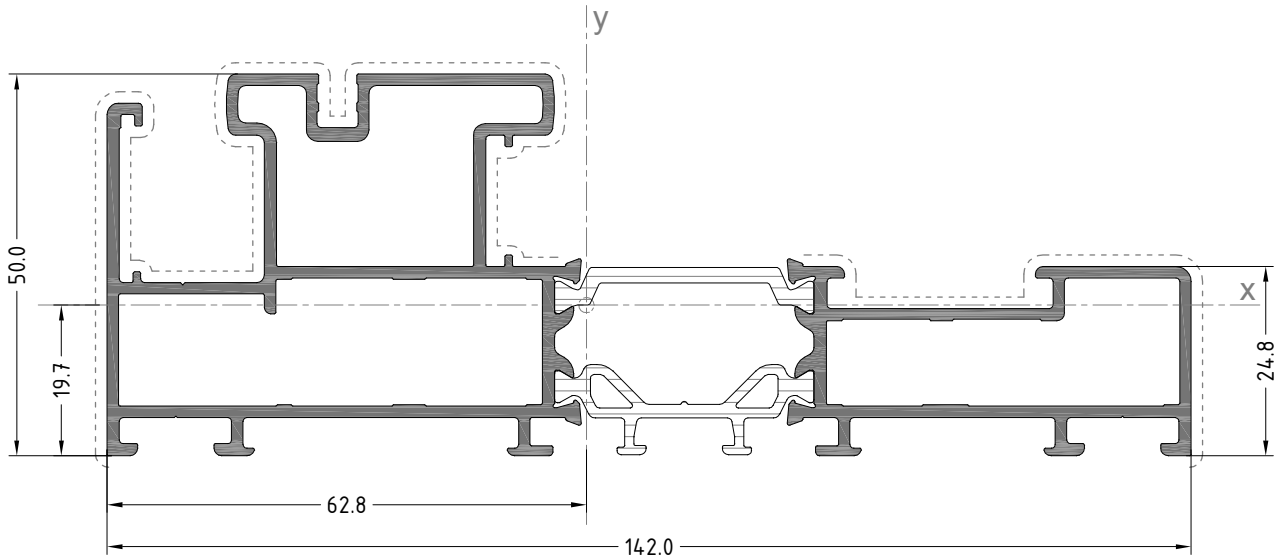
Number	Shape	DESCRIPTION
7001045		Cover gasket
7001043		Thermal Separation gasket
7001054		Weather seal gasket
7001001		Outer glazing gasket
7001002		Inner glazing gasket 7-8 mm
7001005		Inner glazing gasket 5-6 mm
7001034		Inner glazing gasket 3-4 mm
7501021		Cover Plug
7906807		Brush

CORNERS :

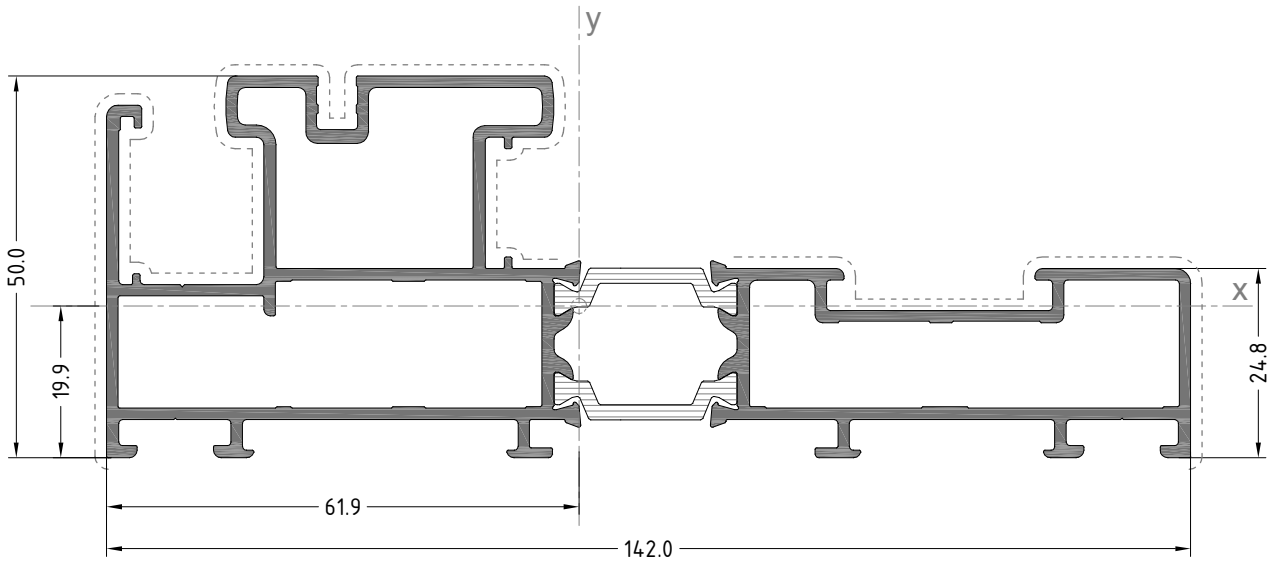
Number	Shape	Corner Nail / Crimp	Corner Alignment
2111421		5387459 5301345	7501011
2111422		5387559 5301345	7501011
2111423		5301345	7501011 7501011
2116804		5196209 5196102 5196209	–
2211421		5301322 5196086 5196053	7501011 7501020 7501020

GS142 : Lift & Sliding

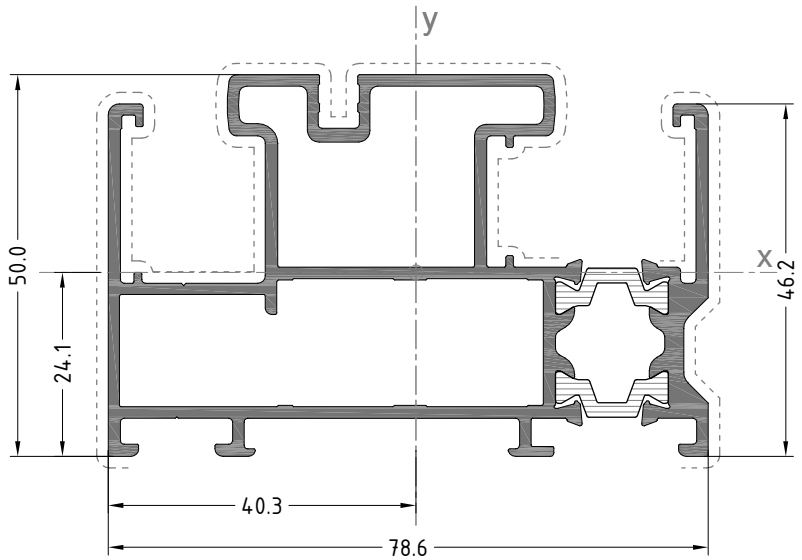
Type	Shape	 7501021	 7501021	 5422200
Dual Rail		1 Set	–	2 pieces
		–	1 Set	2 pieces
		1 Set	1 Set	2 pieces
		1 Set	–	4 pieces
		–	1 Set	4 pieces
		1 Set	1 Set	4 pieces
		1 Set	1 Set	4 pieces



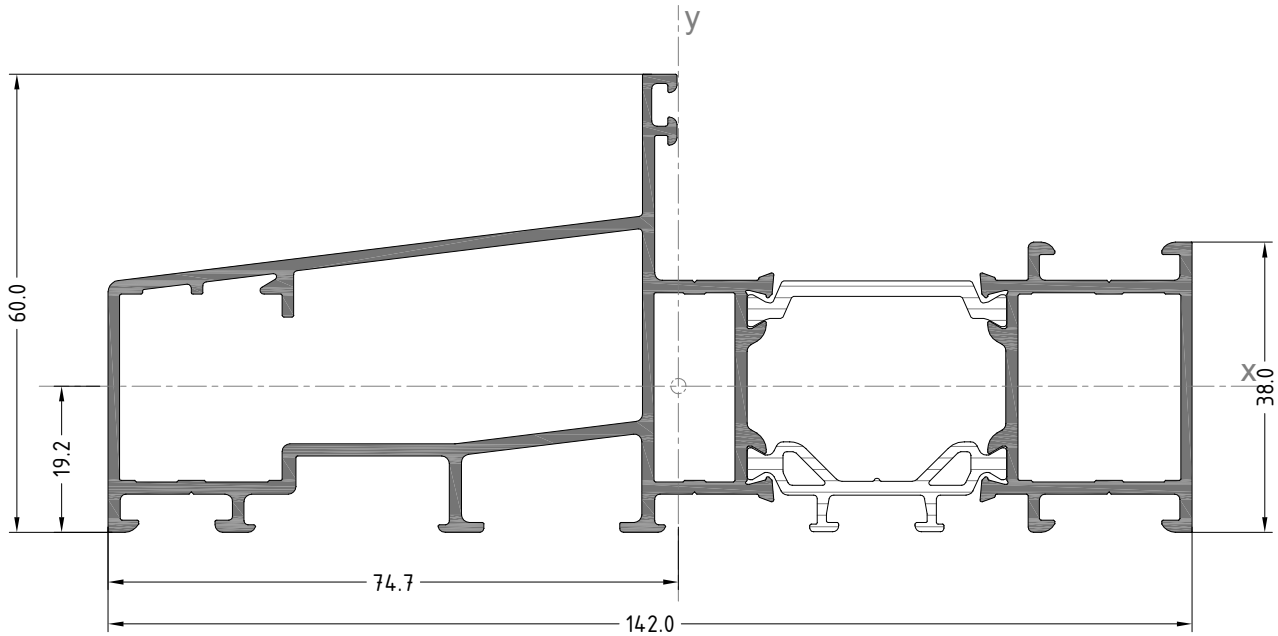
DESCRIPTION	Number	I_x cm^4	I_y cm^4	e_x cm	e_y cm	W_x cm^3	W_y cm^3
Frame profile 46/24 . Polyamid34	2111421	167.93	16.71	6.28	1.97	55.49	2.11



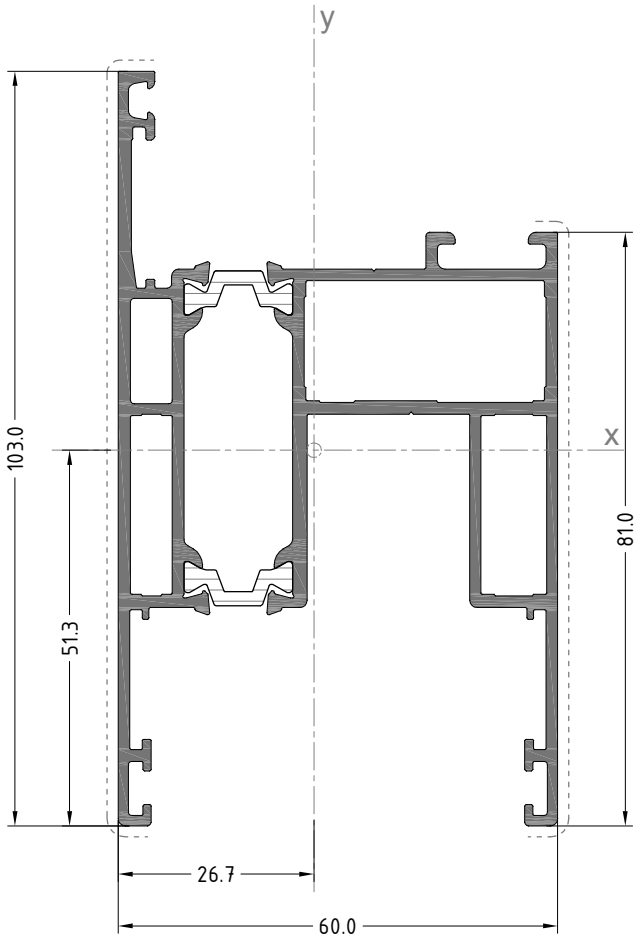
DESCRIPTION	Number	I_x cm^4	I_y cm^4	e_x cm	e_y cm	W_x cm^3	W_y cm^3
Frame profile 46/24 . Polyamid24	2111422	164.29	16.98	6.19	1.99	54.55	2.11



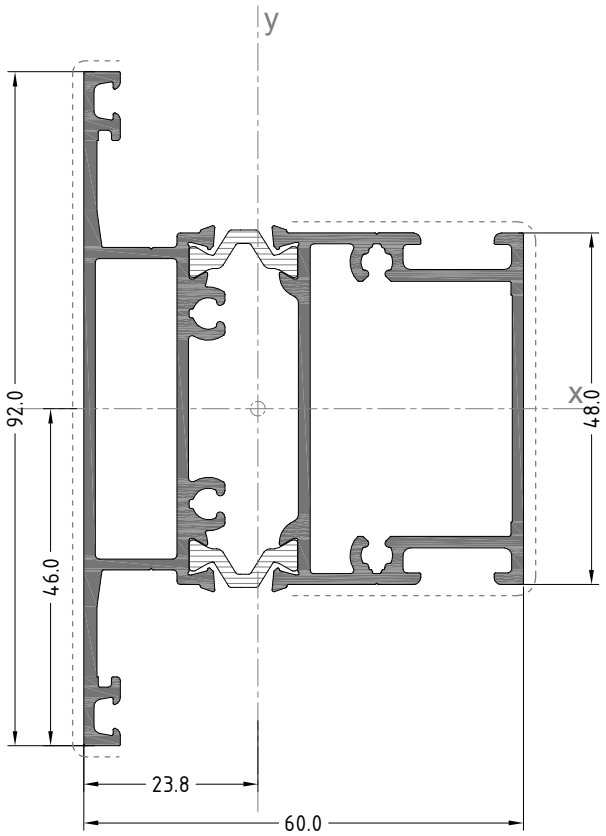
DESCRIPTION	Number	I_x cm^4	I_y cm^4	e_x cm	e_y cm	W_x cm^3	W_y cm^3
Pocket Frame profile 46/24	2111423	44.01	16.02	4.03	2.41	16.99	4.18



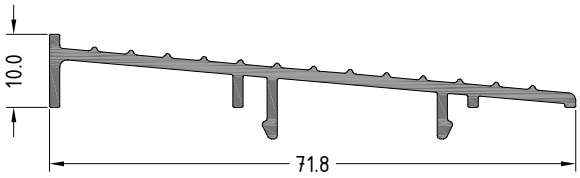
DESCRIPTION	Number	I_x cm^4	I_y cm^4	e_x cm	e_y cm	W_x cm^3	W_y cm^3
Fix Frame profile 60/38/142	2116804	162.06	17.97	7.47	1.92	39.67	2.67



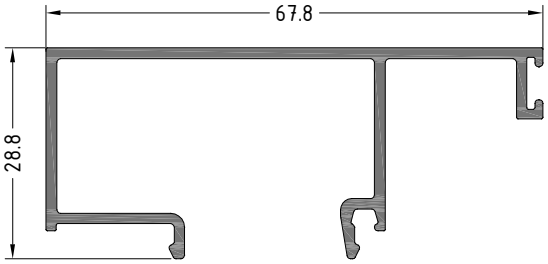
DESCRIPTION	Number	I_x cm^4	I_y cm^4	e_x cm	e_y cm	W_x cm^3	W_y cm^3
Sash profile 103/81	2211421	46.99	35.64	2.67	5.13	9.08	10.71



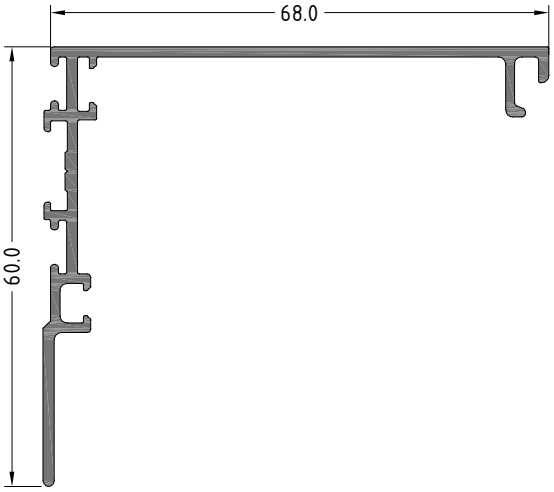
DESCRIPTION	Number	I_x cm^4	I_y cm^4	e_x cm	e_y cm	W_x cm^3	W_y cm^3
Mullion Transom 92/48	2411421	34.36	27.98	2.38	4.6	7.47	7.72



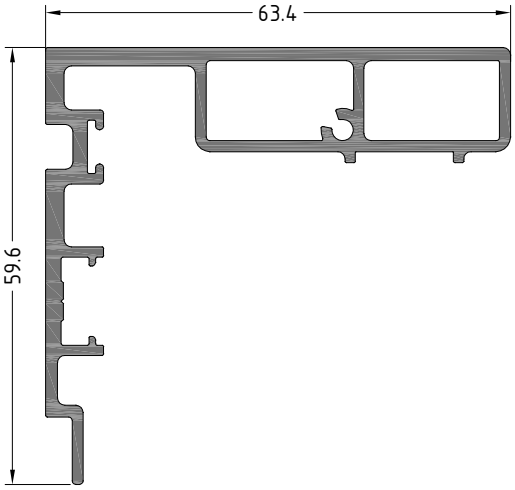
DESCRIPTION	Number
Frame Cover Profile	1000439



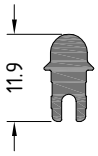
DESCRIPTION	Number
Frame Cover Profile	1000440



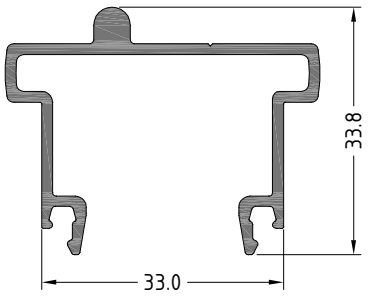
DESCRIPTION	Number
Interlock	1000445



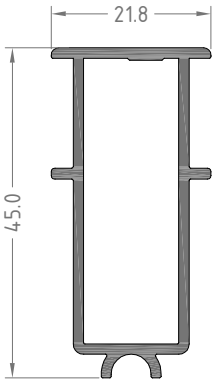
DESCRIPTION	Number
Middle opening interlock	1000525



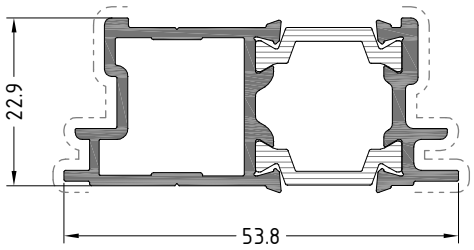
DESCRIPTION	Number
Rail Profile	1000461



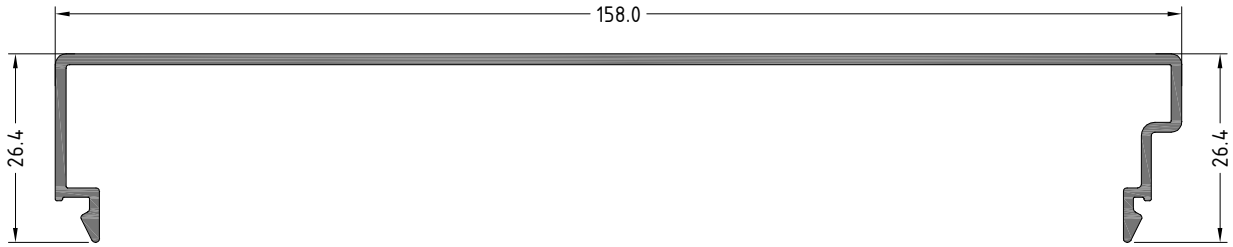
DESCRIPTION	Number
Fixed sash add on profile	1000441



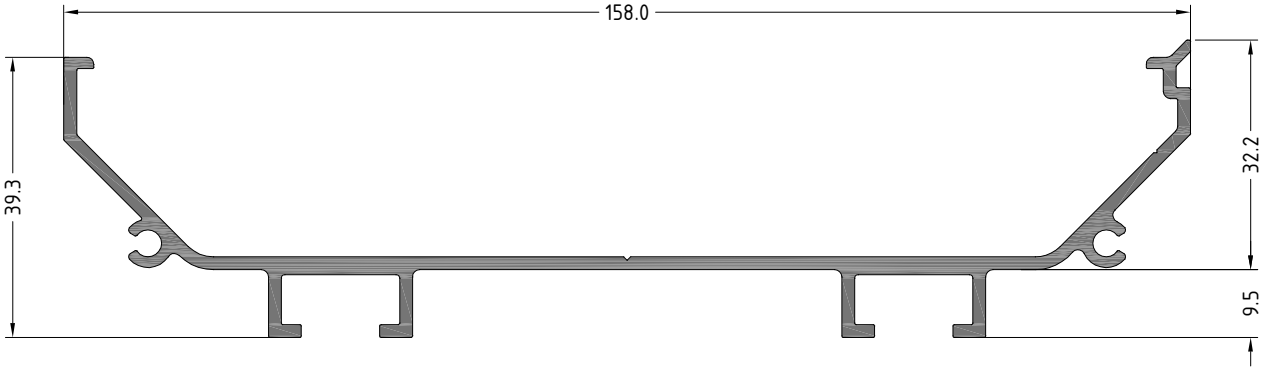
DESCRIPTION	Article number	Length mm.
Fixed sash support	5422200	200



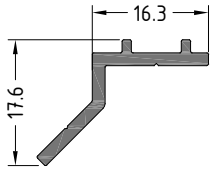
DESCRIPTION	Number
Meeting Profile	2611421



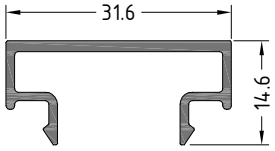
DESCRIPTION	Number
Drainage Cover Profile	1000520



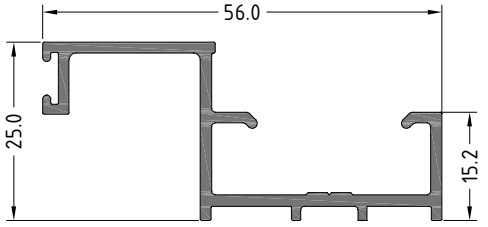
DESCRIPTION	Number
Drainage Channel Profile	1000521



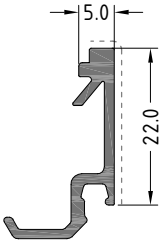
DESCRIPTION	Number
Support Profile	1000522



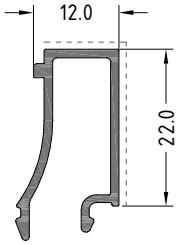
DESCRIPTION	Number
Cover Profile	1000200



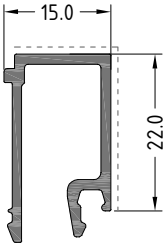
DESCRIPTION	Number
Wall Connection Profile	1000564



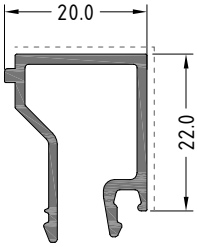
DESCRIPTION	Number
Glazing bead	1000334



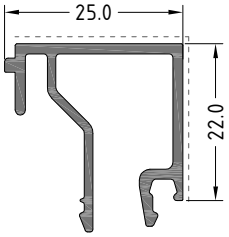
DESCRIPTION	Number
Glazing bead	1000213



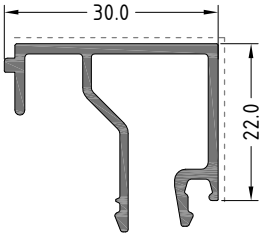
DESCRIPTION	Number
Glazing bead	1000286



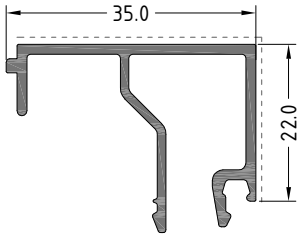
DESCRIPTION	Number
Glazing bead	1000285



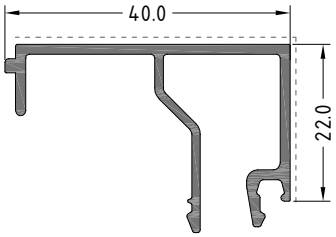
DESCRIPTION	Number
Glazing bead	1000194



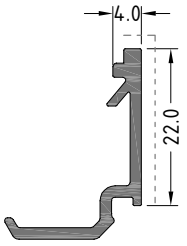
DESCRIPTION	Number
Glazing bead	1000208



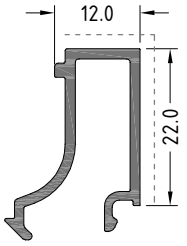
DESCRIPTION	Number
Glazing bead	1000193



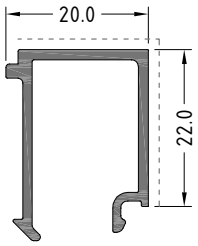
DESCRIPTION	Number
Glazing bead	1000451



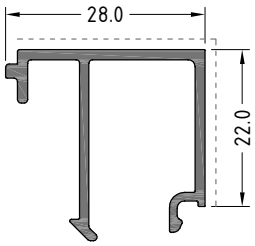
DESCRIPTION	Number
Glazing bead 4mm. 14/18	1000466



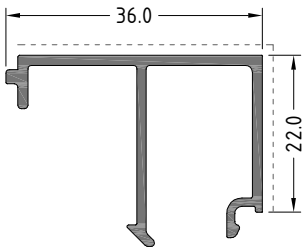
DESCRIPTION	Number
Glazing bead 12mm. 14/18	1000409



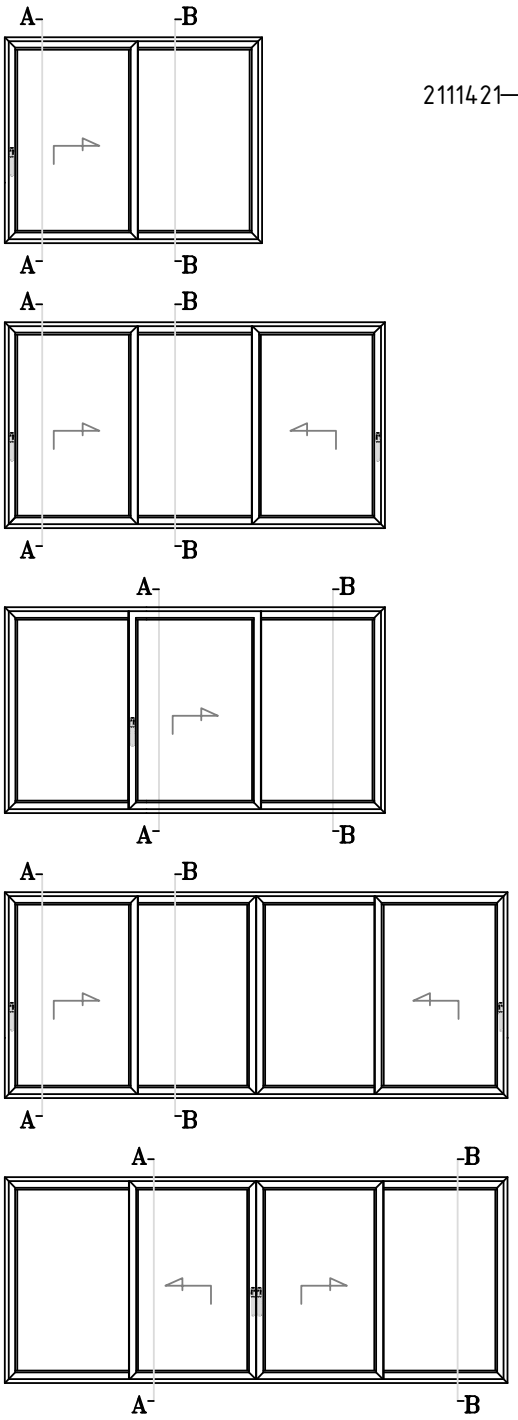
DESCRIPTION	Number
Glazing bead 20mm. 14/18	1000405



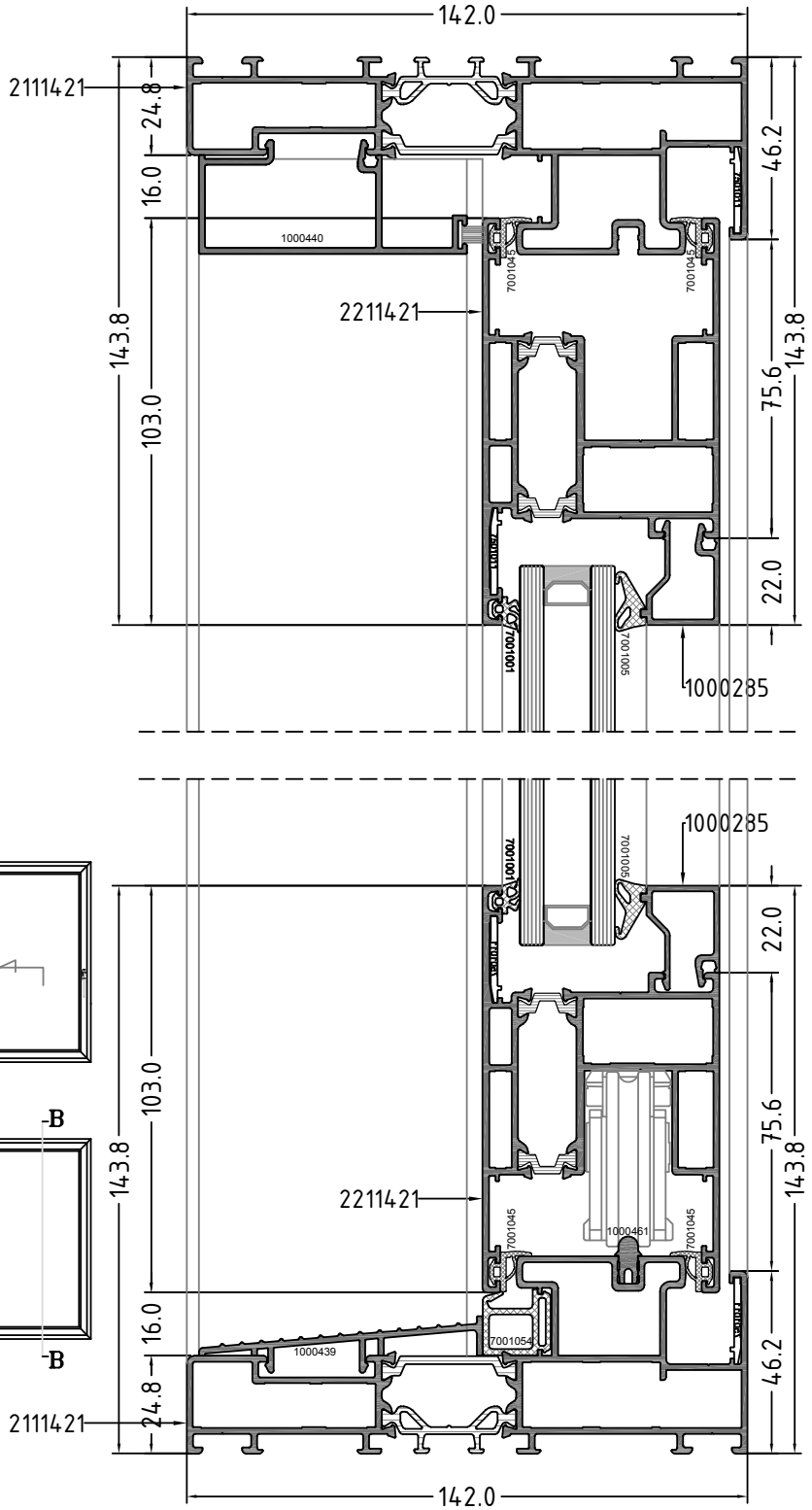
DESCRIPTION	Number
Glazing bead 28mm. 14/18	1000414



DESCRIPTION	Number
Glazing bead 36mm. 14/18	1000467


A-
-B
A-
-B

Section A-A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16.0
143.8
103.0
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75.6
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7001001
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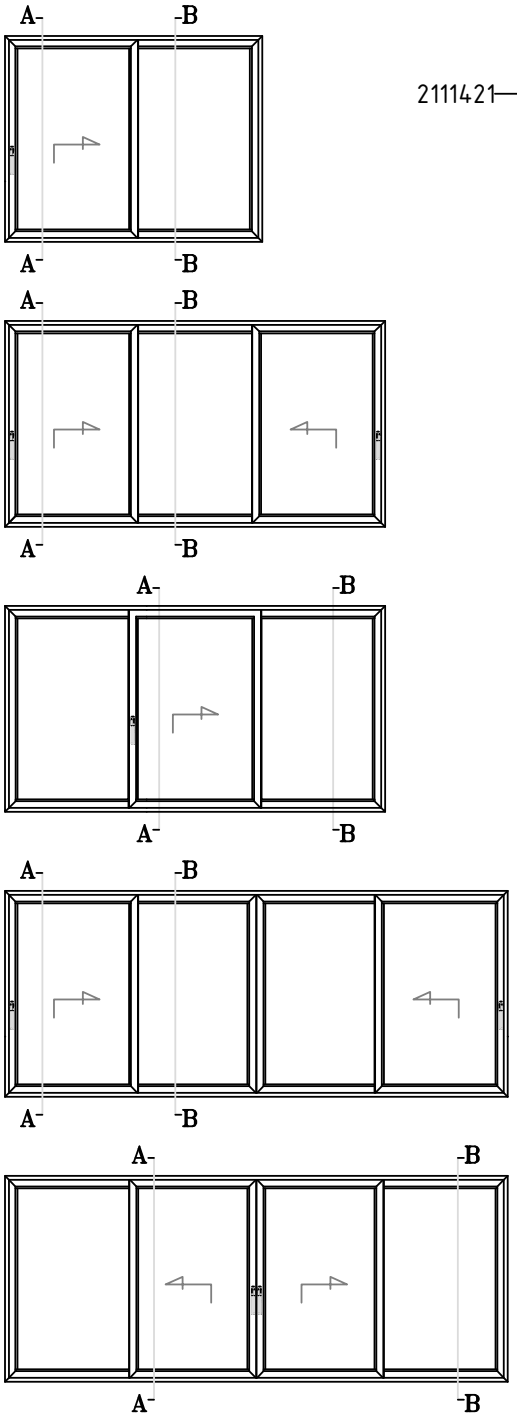
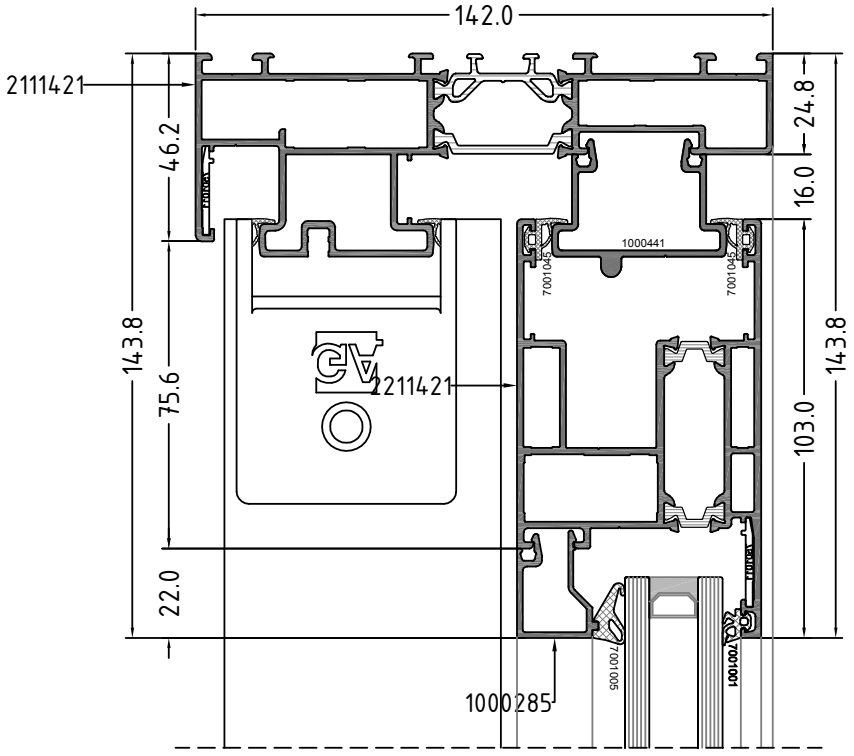

A
B
A
B

Section B-B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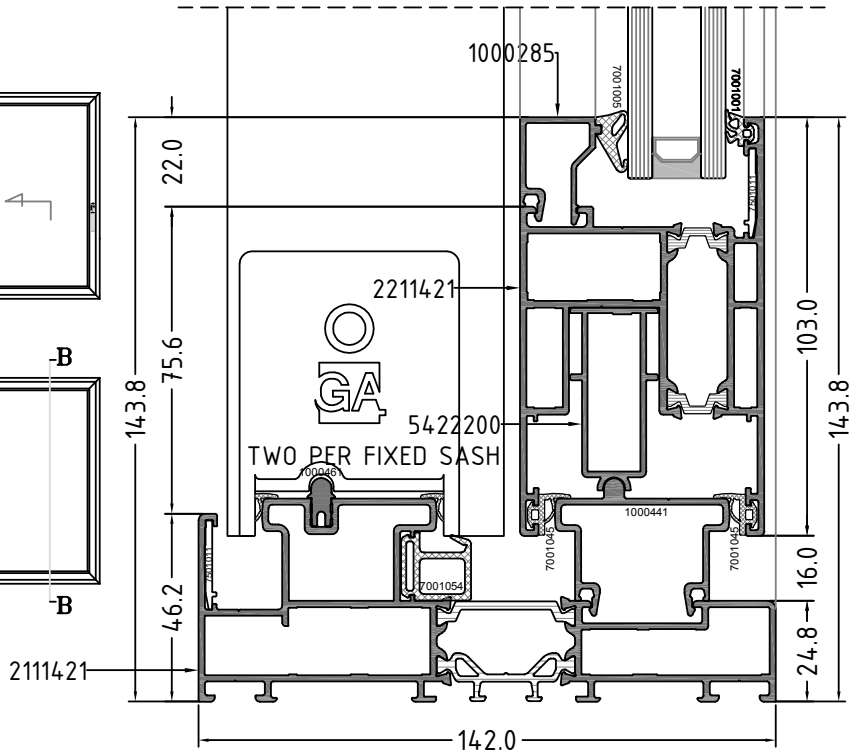
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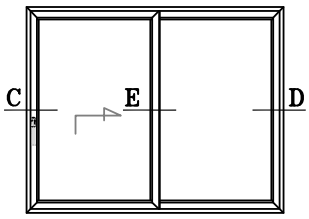

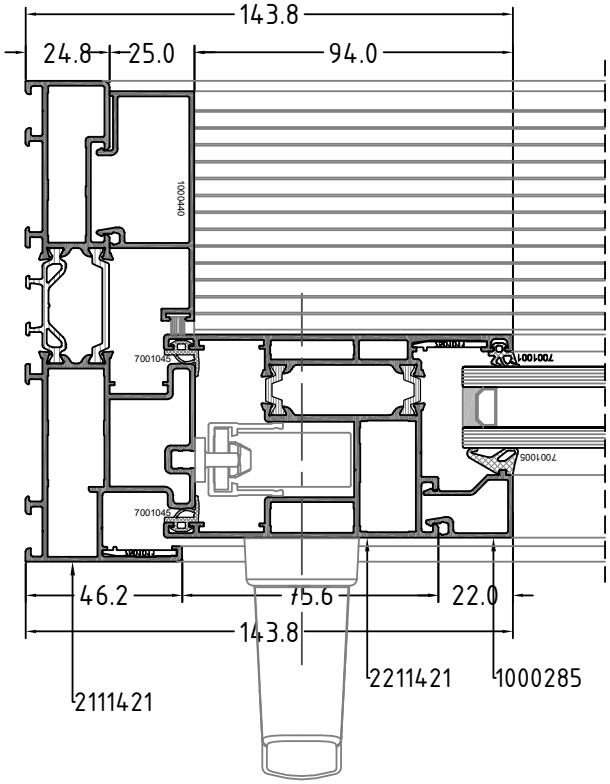

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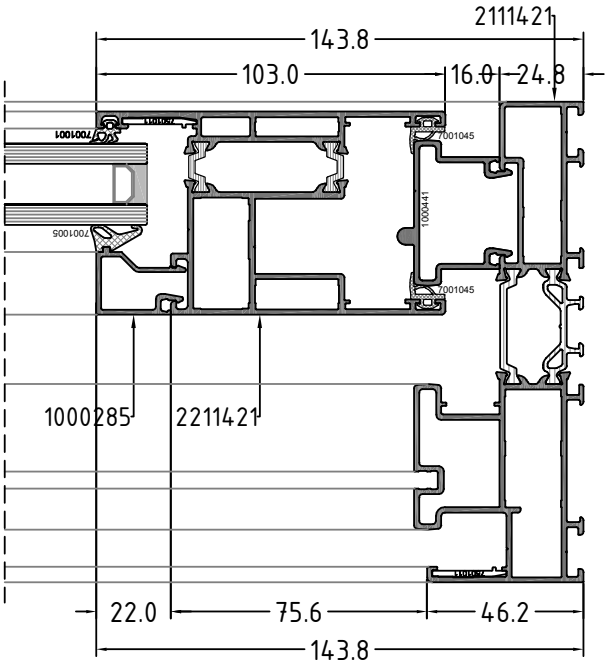

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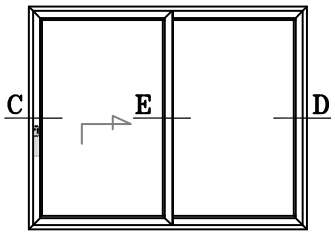
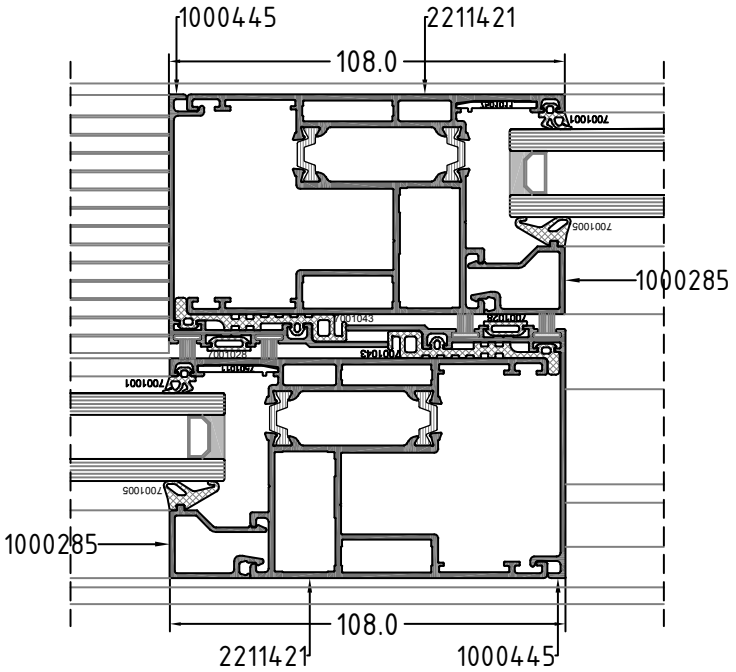

C
E
D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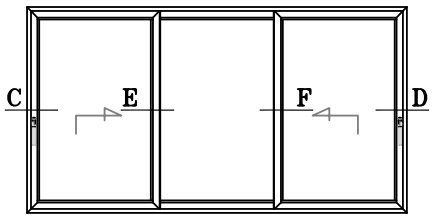

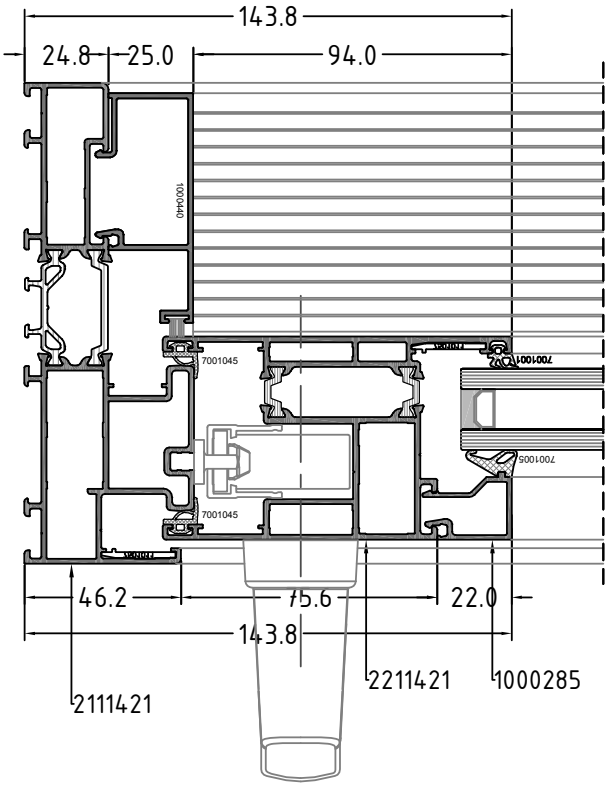

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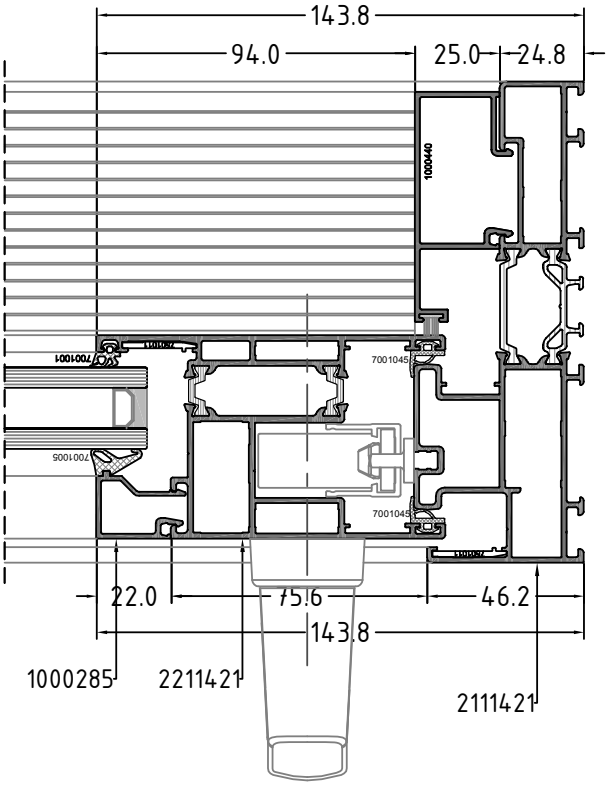

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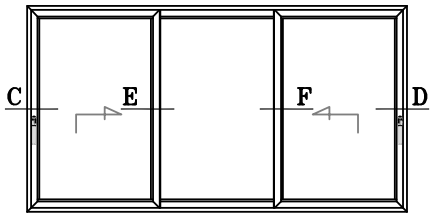

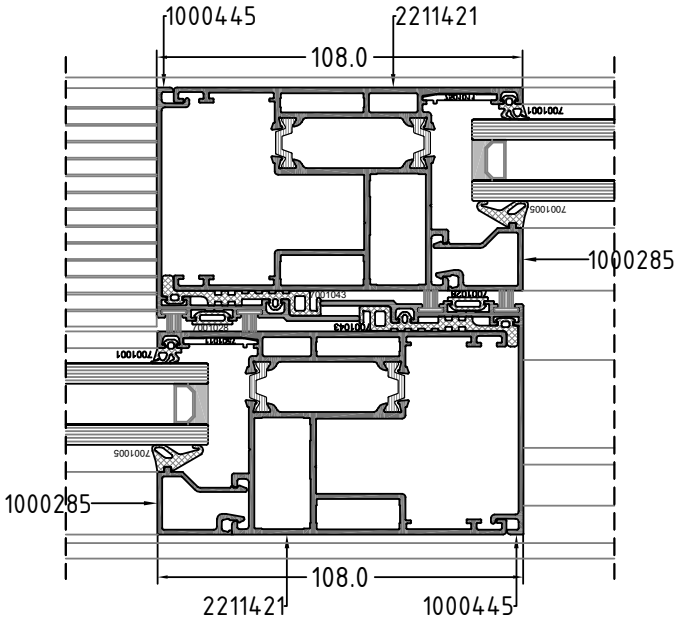

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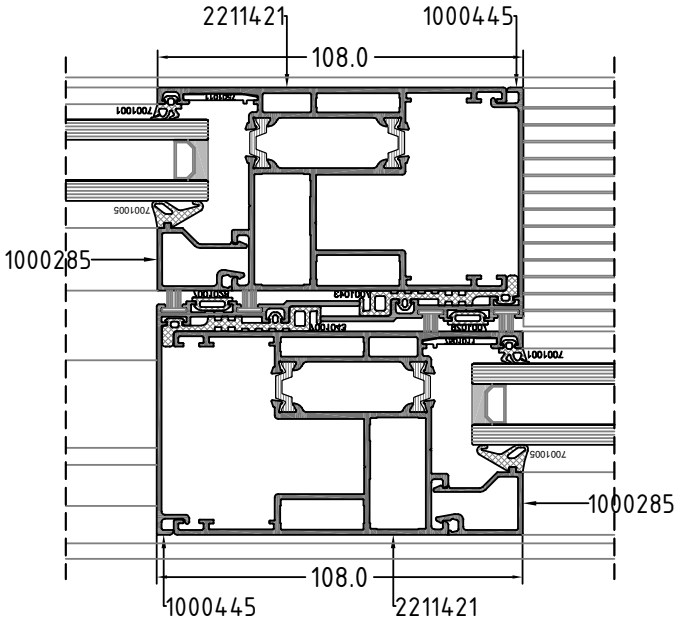

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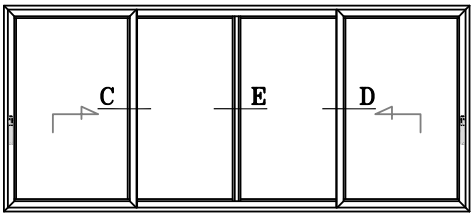

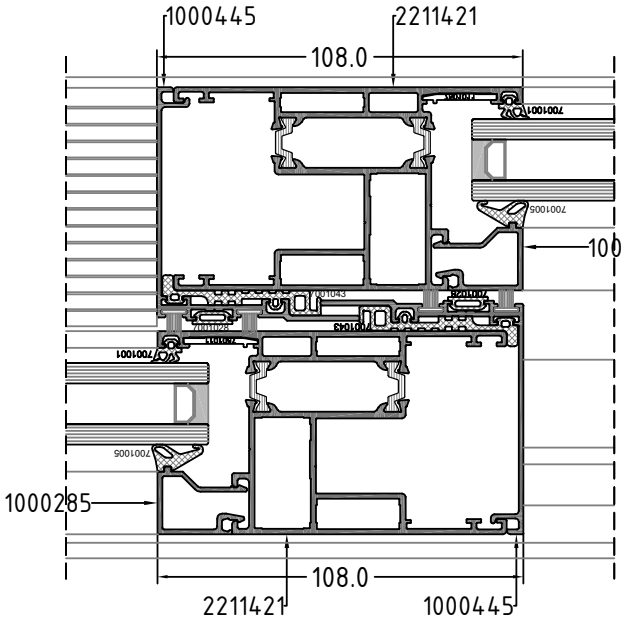

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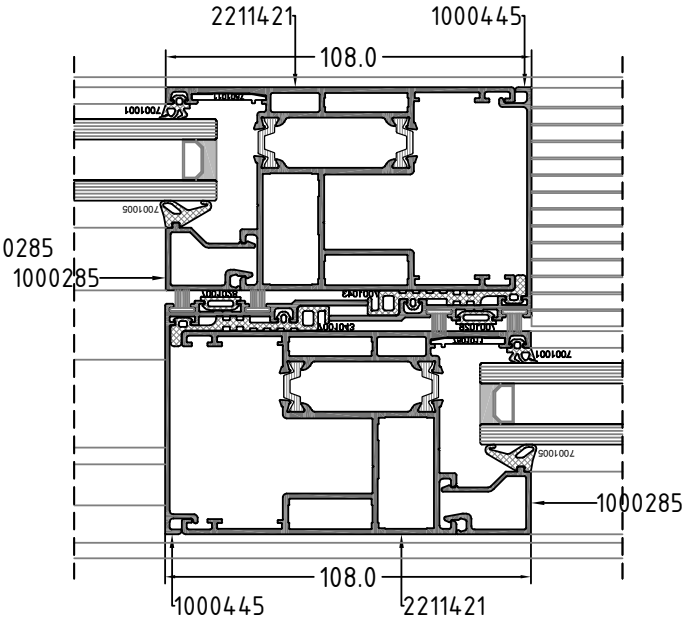

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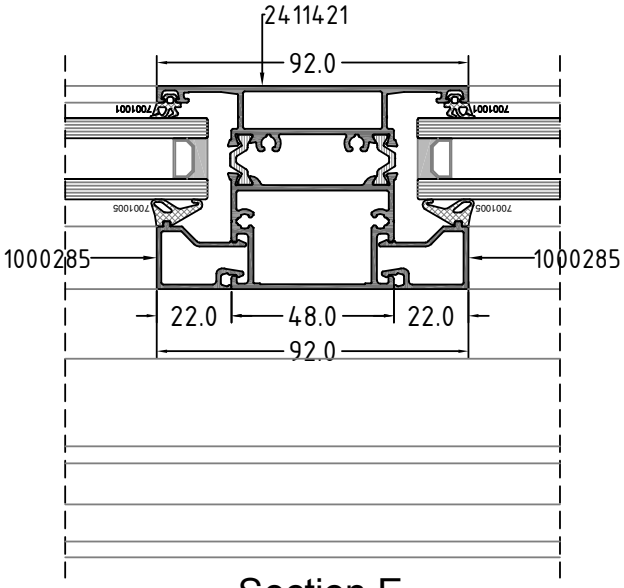

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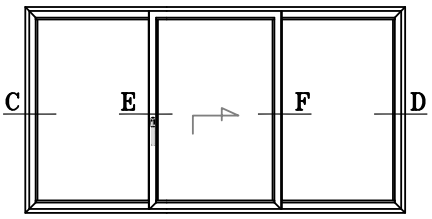

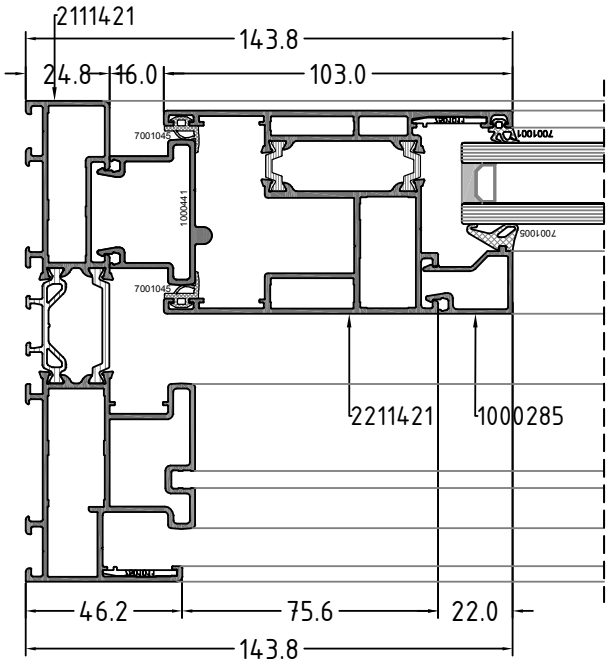

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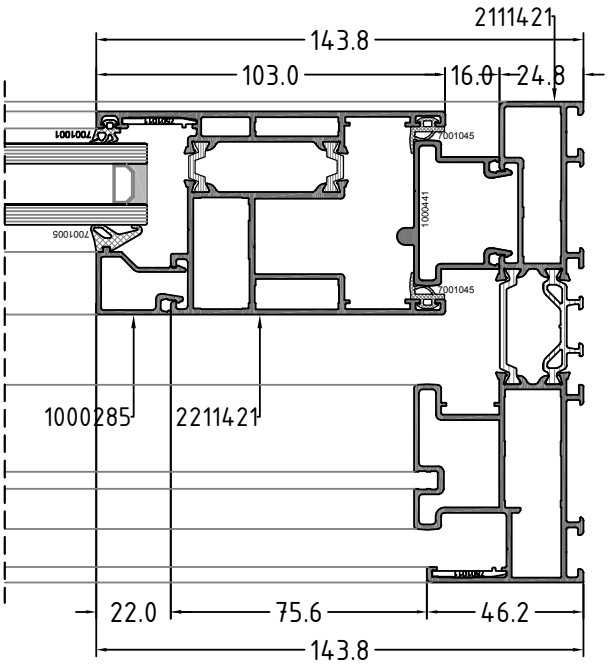

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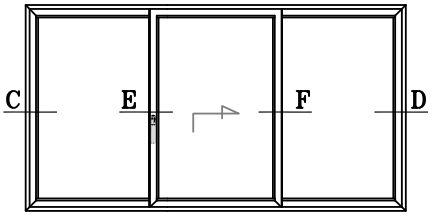

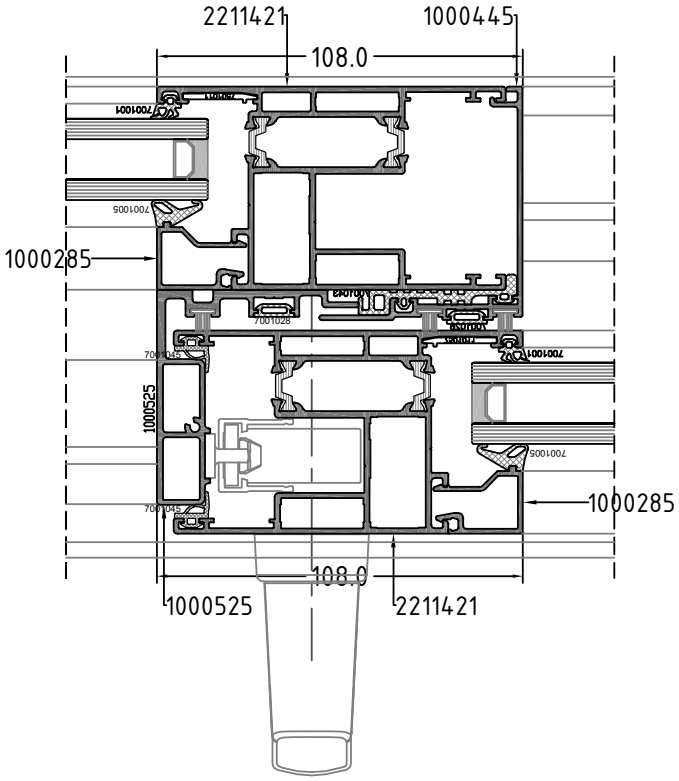

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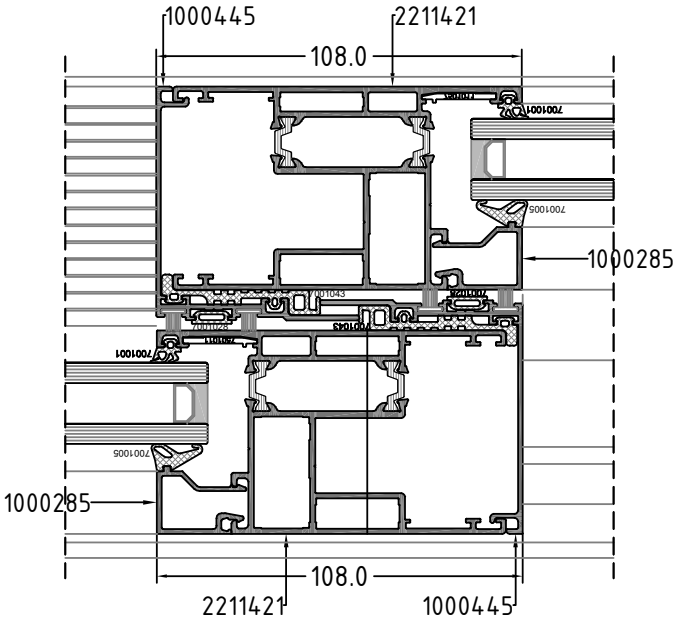

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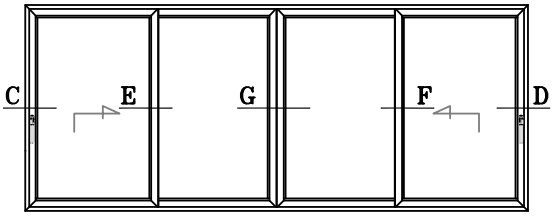

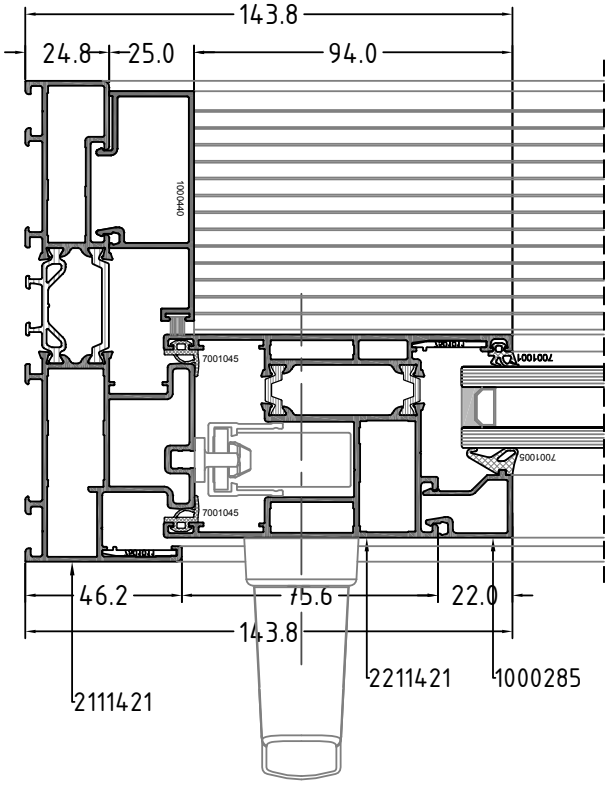

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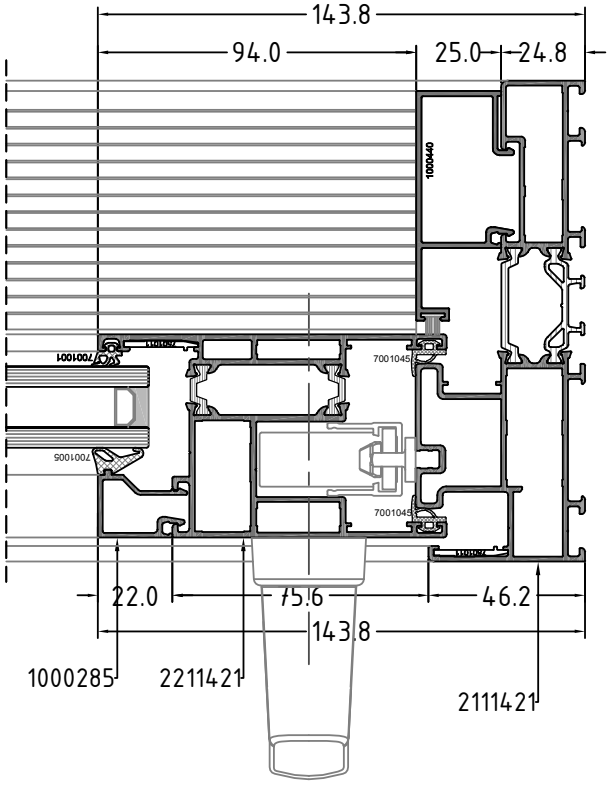

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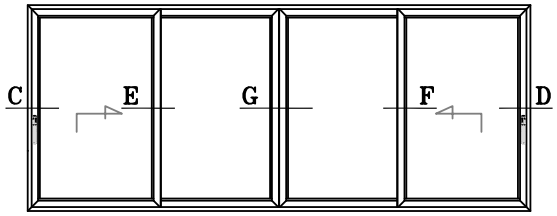
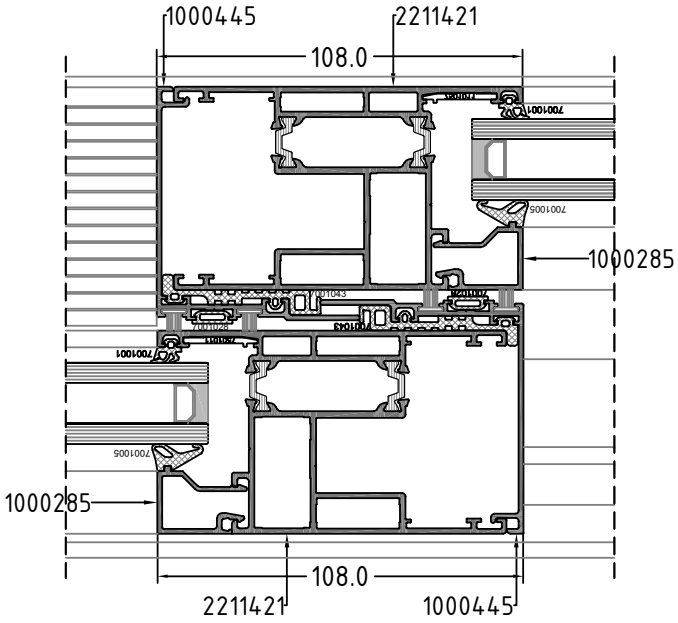
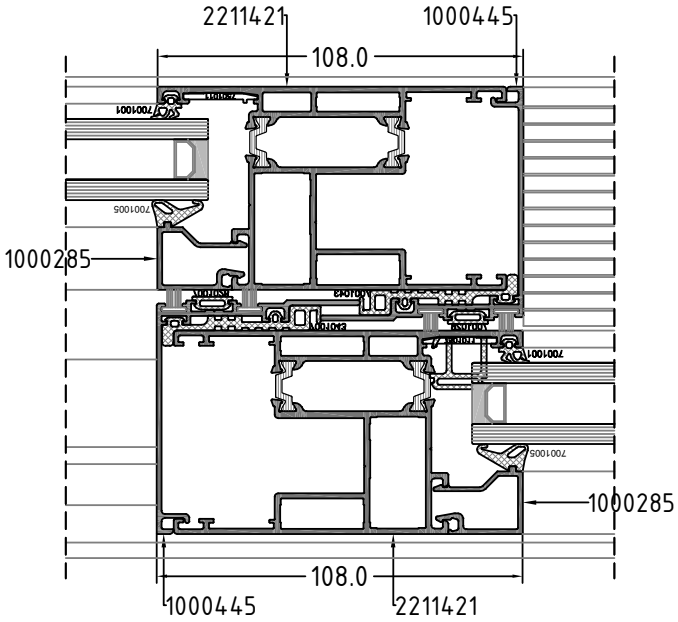
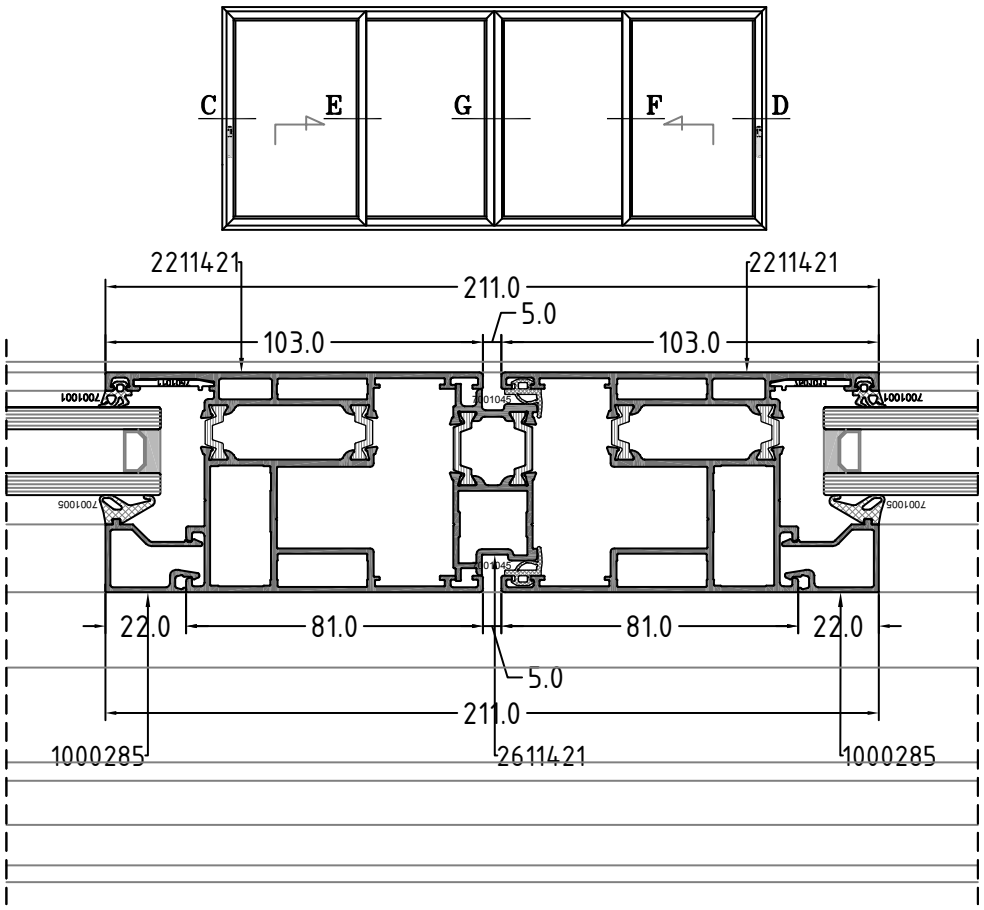




Section E



Section F


C
E
G
F
D
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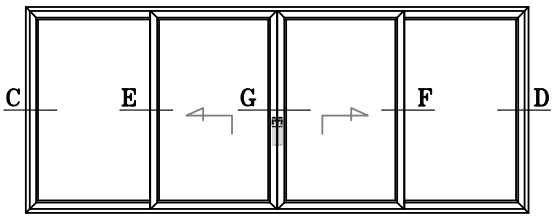
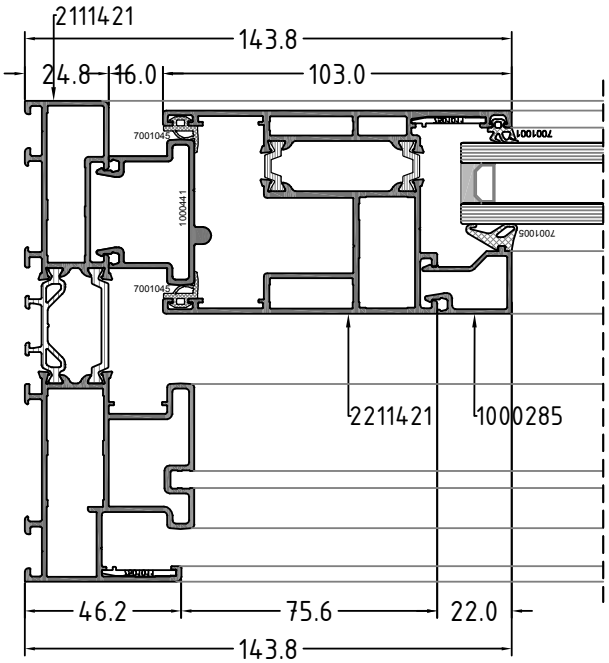
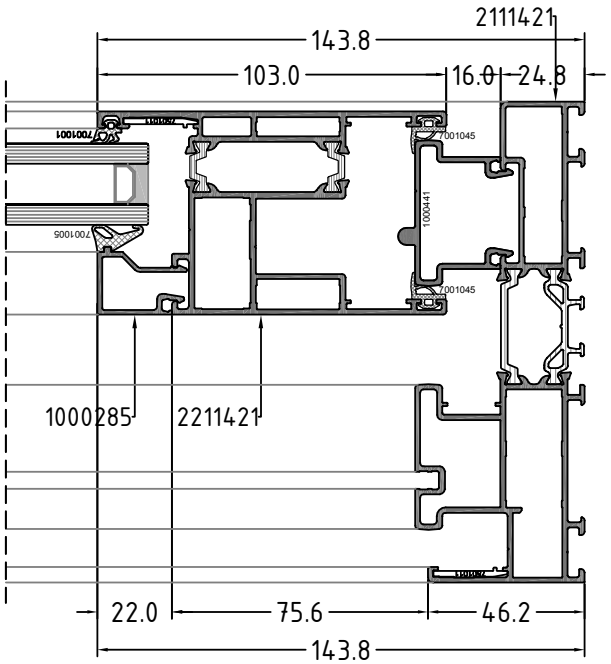
1000285

Section G

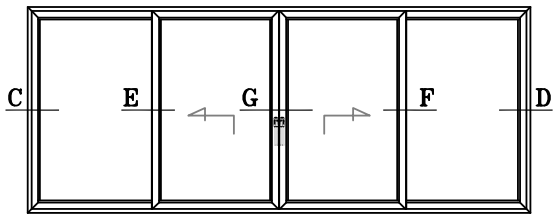


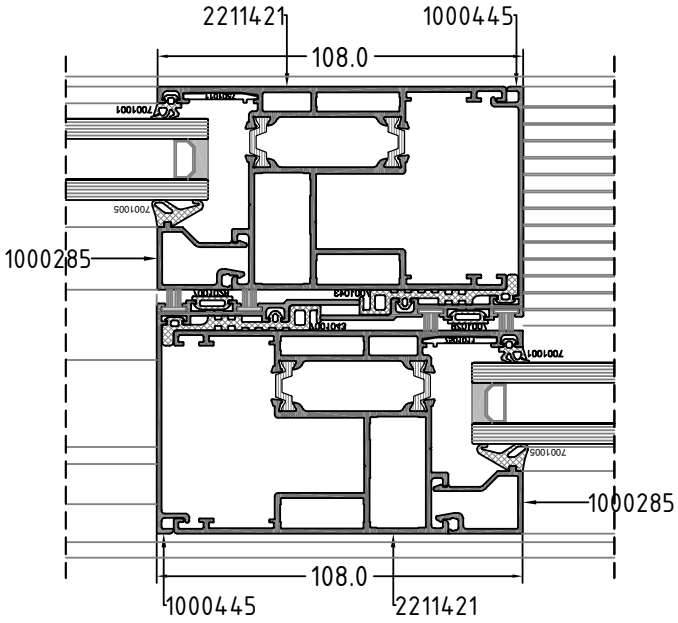


Section C

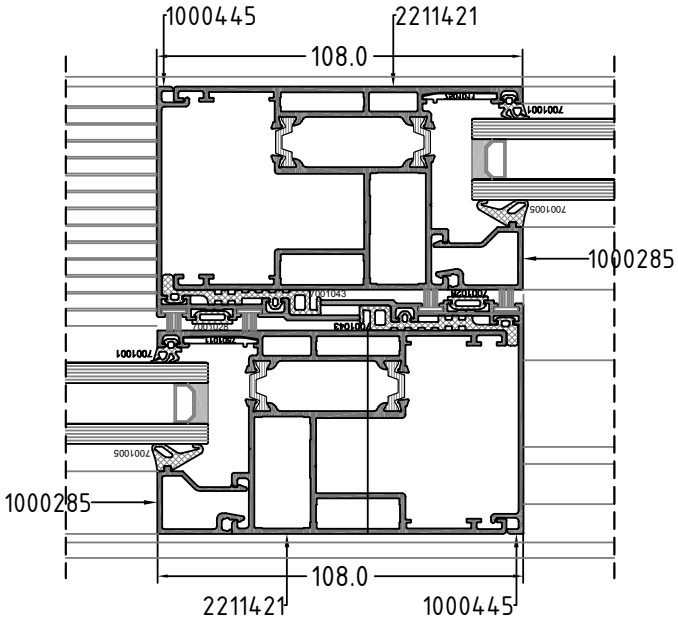


Section D

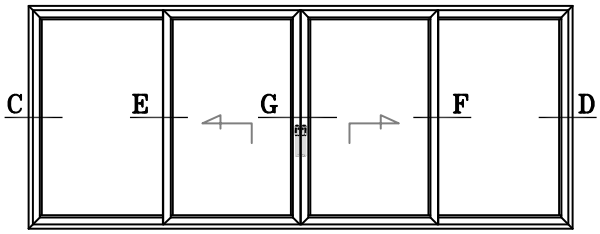


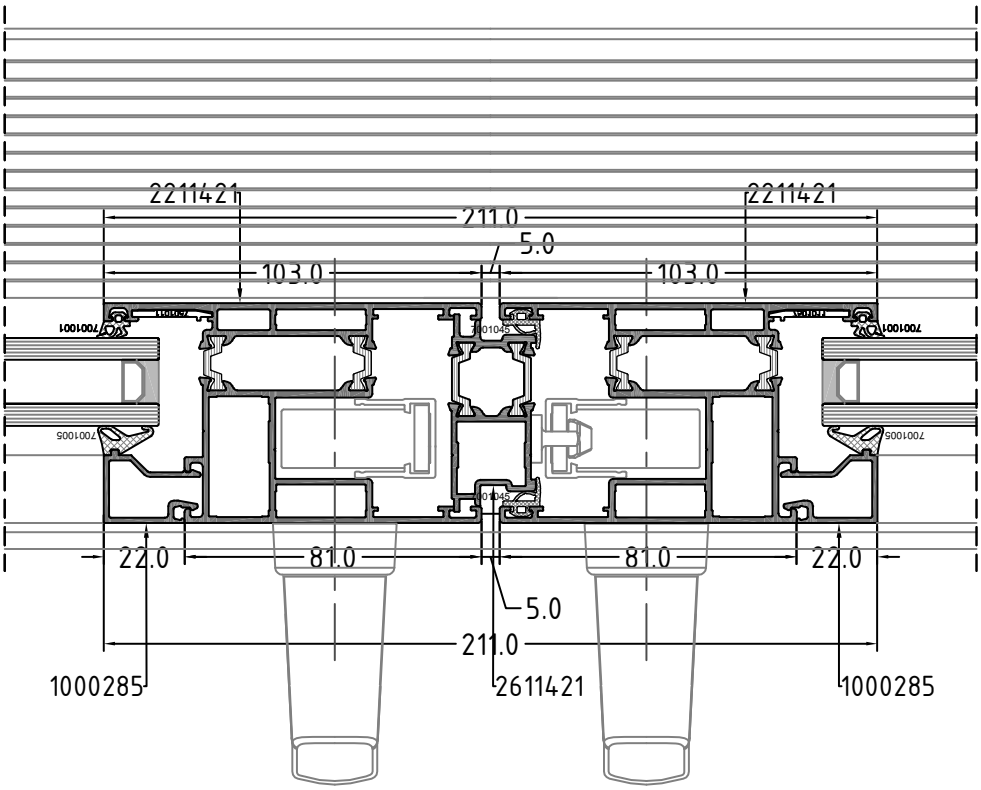


Section E



Section F


C
E
G
F
D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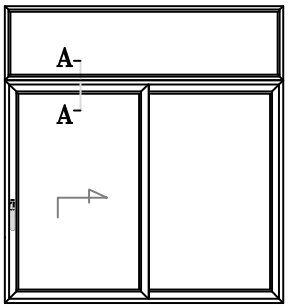
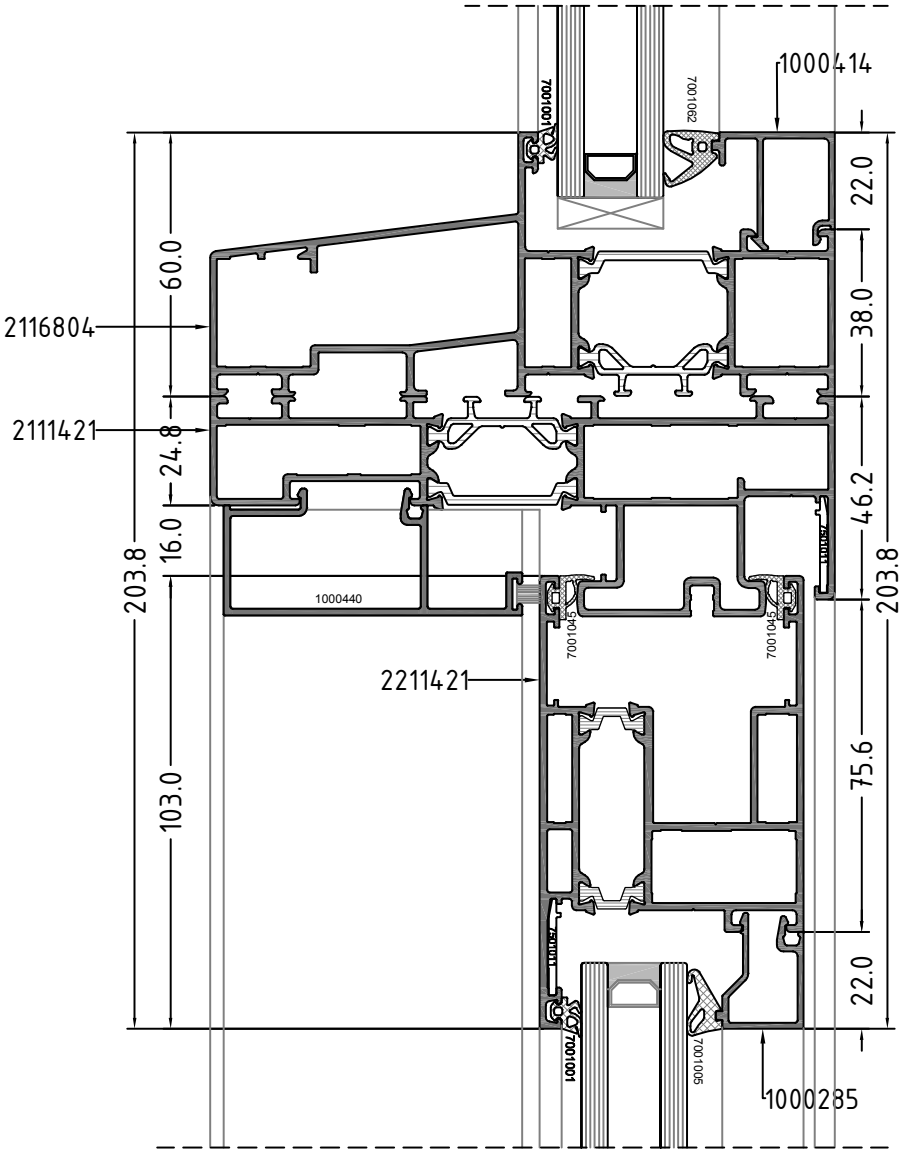
Section G


A-
A-

Section A-A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16.0
103.0
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2111421
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7001062
7001007
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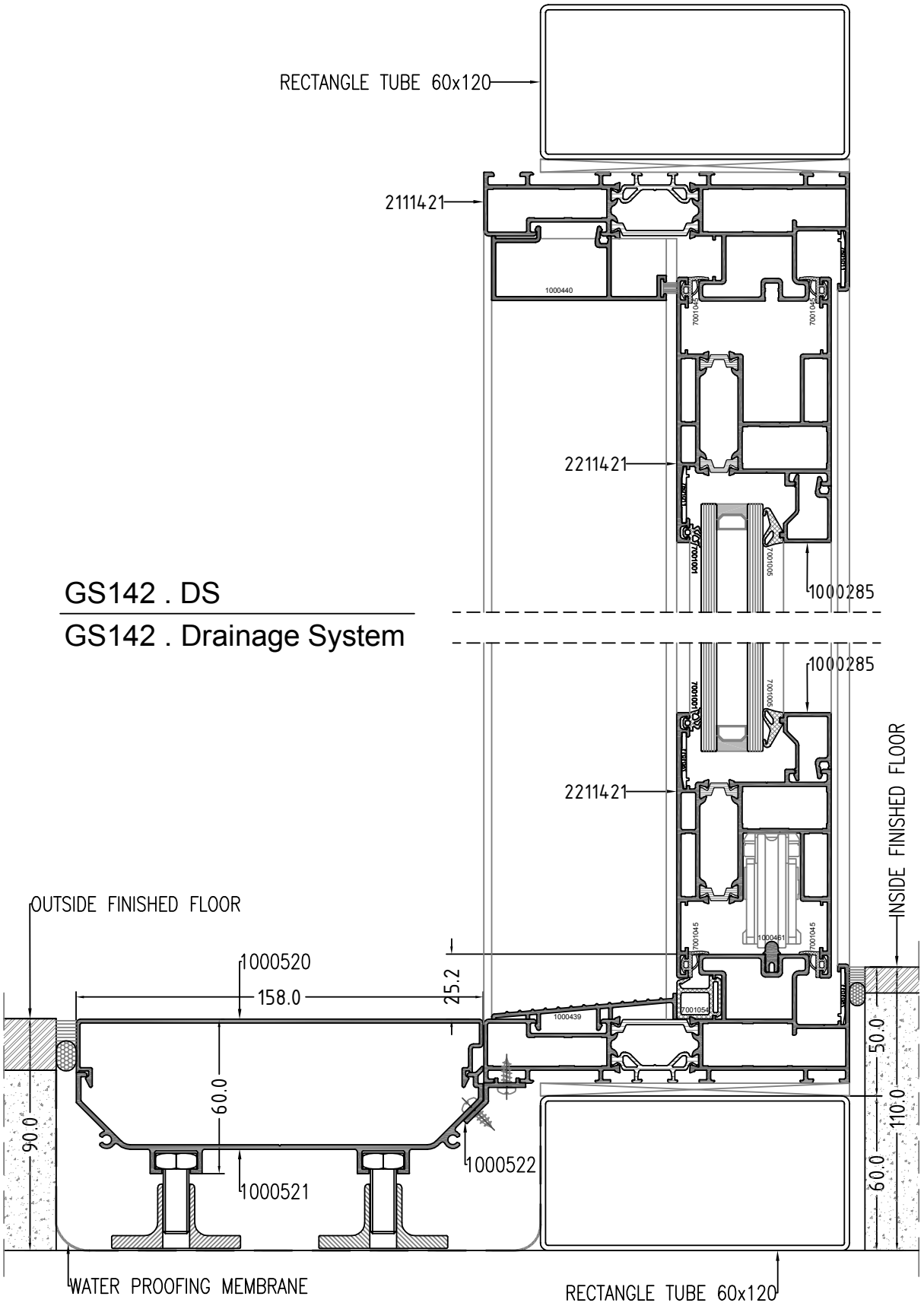
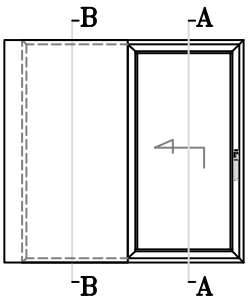
7001004

GlobAlum
Globaly Aluminum Passion

GS142 . DS

GS142 . Drainage System

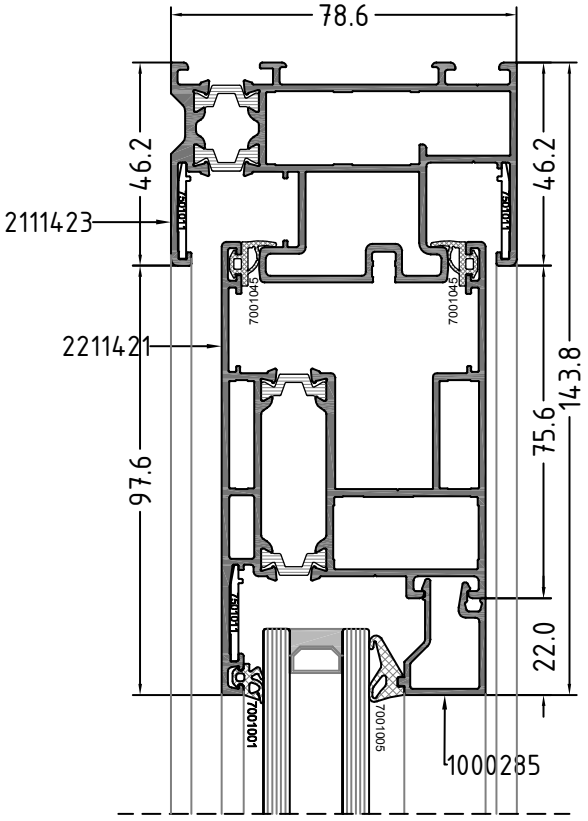


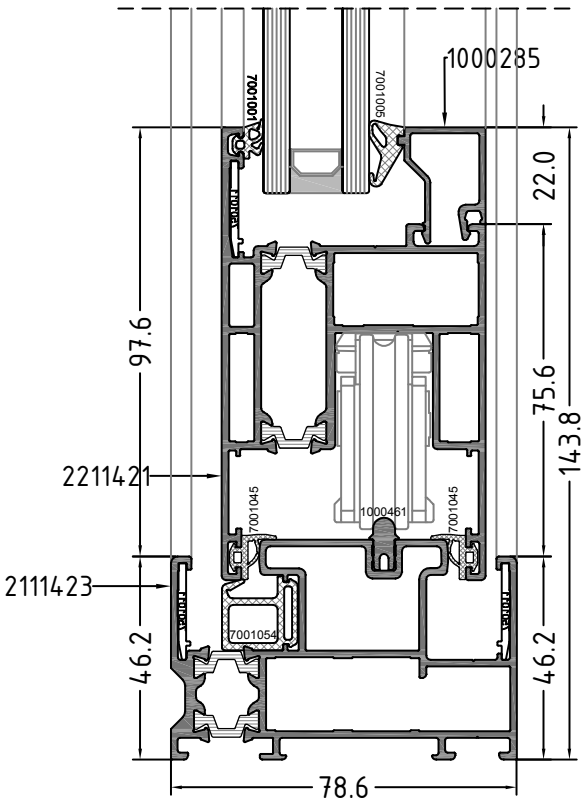


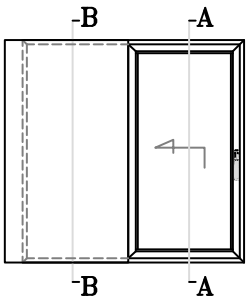
Section A-A

GS142 . PO

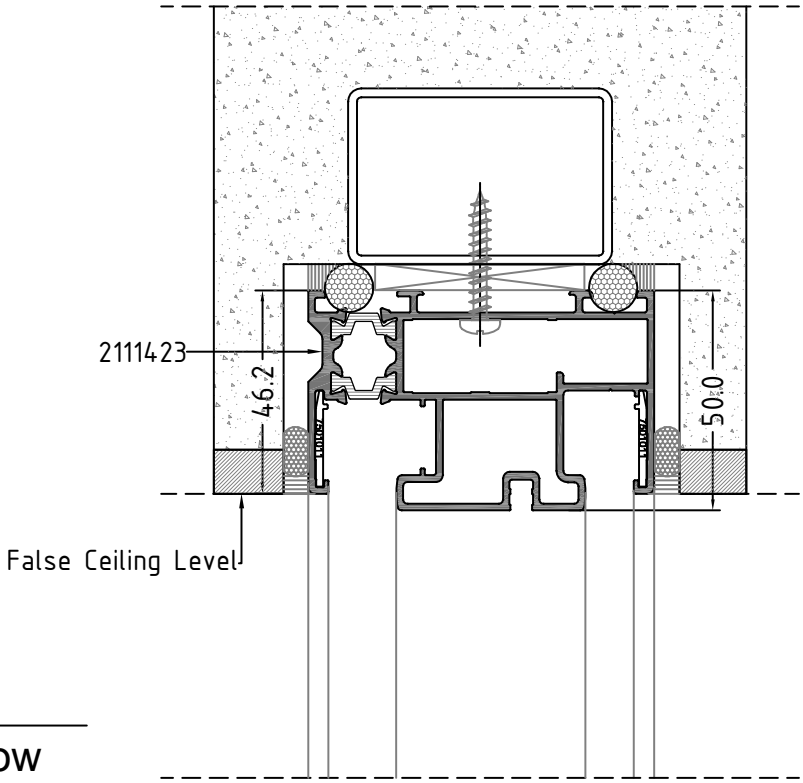
GS142 . Pocket Window





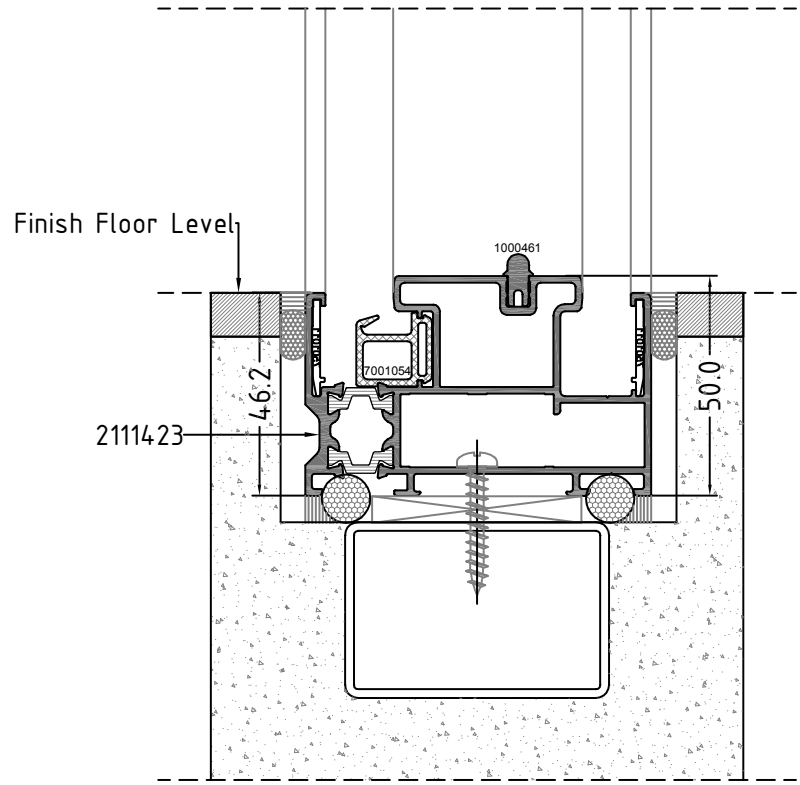


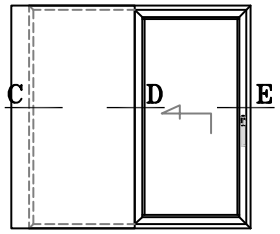
Section B-B

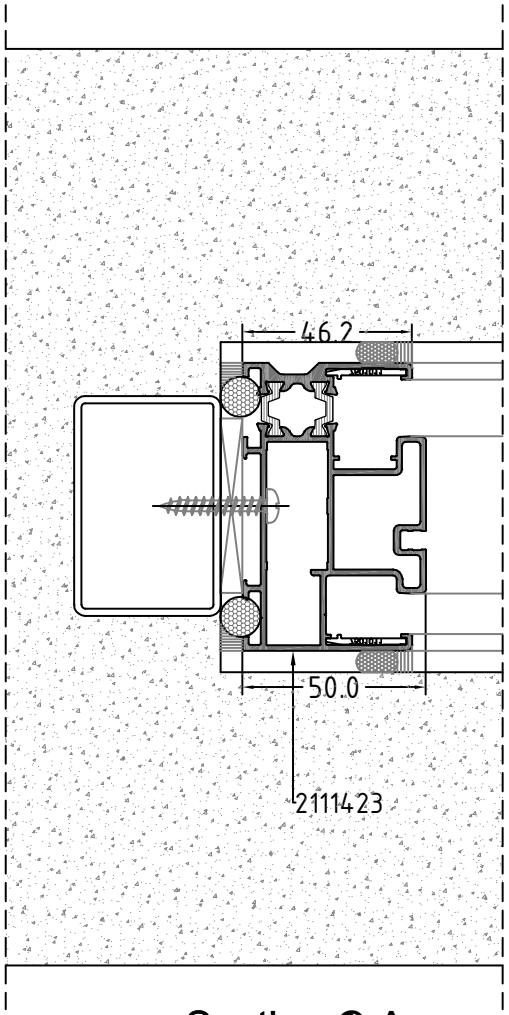


GS142 . PO

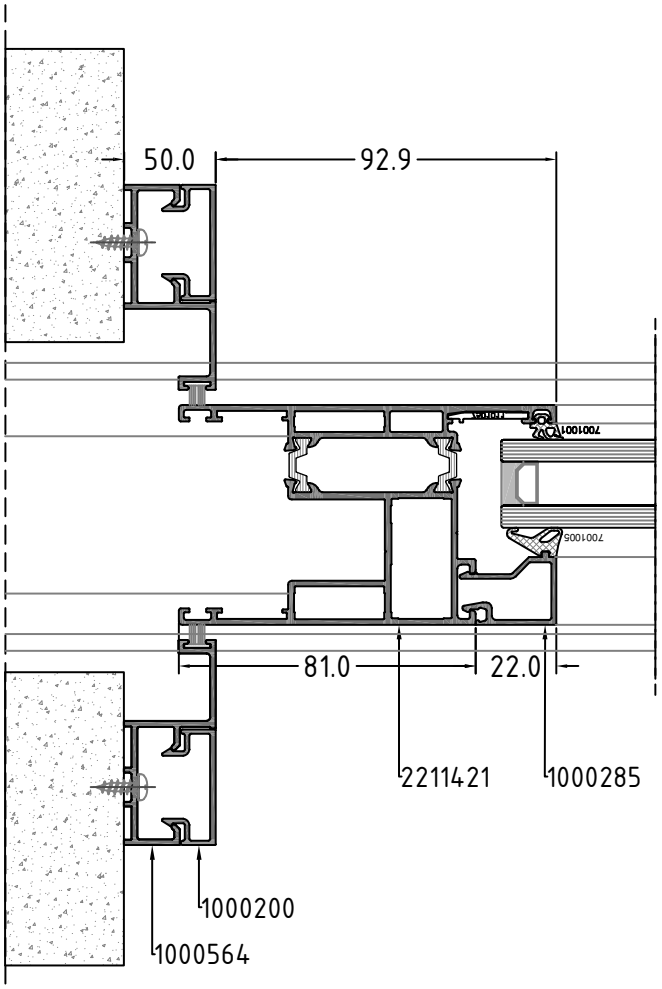
GS142 . Pocket Window







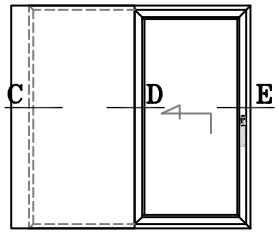
Section C-A

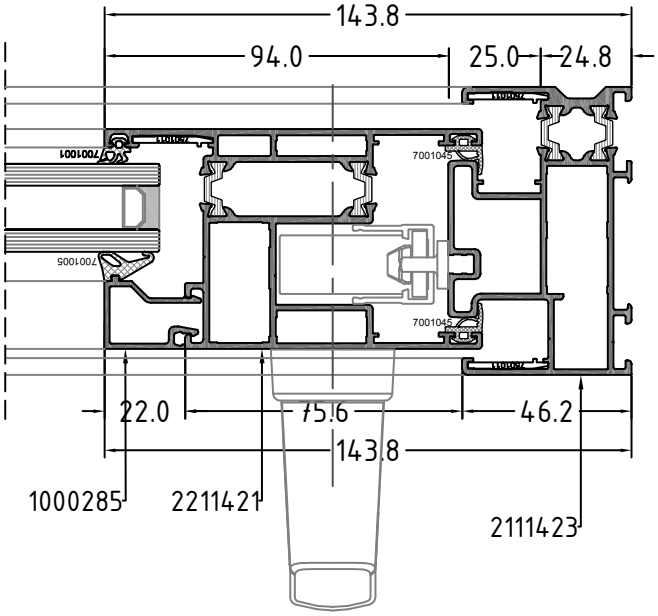


Section D

GS142 . PO

GS142 . Pocket Window

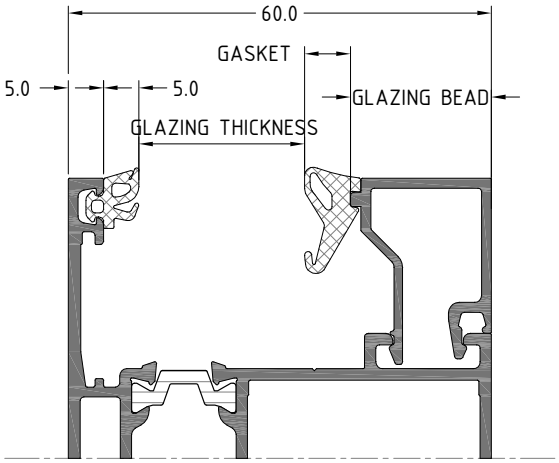




Section E

GS142 . PO

GS142 . Pocket Window



GLAZING THICKNESS	OUTER GLAZING GASKET	INNER GLAZING GASKET	INNER GLAZING GASKET TICK.	GLAZING BEAD PROFILE	GLAZING BEAD DEPTH
4mm.	7001001	7001005	6mm.	1000451	40mm.
6mm.	7001001	7001034	4mm.	1000451	40mm.
8mm.	7001001	7001005	7mm.	1000193	35mm.
10mm.	7001001	7001034	5mm.	1000193	35mm.
12mm.	7001001	7001002	8mm.	1000208	30mm.
14mm.	7001001	7001005	6mm.	1000208	30mm.
16mm.	7001001	7001002	9mm.	1000194	25mm.
18mm.	7001001	7001005	7mm.	1000194	25mm.
20mm.	7001001	7001034	5mm.	1000194	25mm.
22mm.	7001001	7001002	8mm.	1000285	20mm.
24mm.	7001001	7001005	6mm.	1000285	20mm.
26mm.	7001001	7001002	9mm.	1000286	15mm.
28mm.	7001001	7001005	7mm.	1000286	15mm.
30mm.	7001001	7001034	5mm.	1000286	15mm.
32mm.	7001001	7001005	6mm.	1000213	12mm.
34mm.	7001001	7001034	4mm.	1000213	12mm.
36mm.	7001001	7001002	9mm.	1000334	5mm.
38mm.	7001001	7001005	7mm.	1000334	5mm.
40mm.	7001001	7001034	5mm.	1000213	5mm.