

Authorization

to use the quality sign



This is to certify that

Bahrain Aluminium Extrusion Company B.S.C.C. (BALEXCO)

Bldg. 267, road 105, block 601 BH - 1053 Sitra Industrial, Bahrain

Licence number: 2700

is authorized to use the quality sign which is shown above according to the REGULATIONS FOR THE USE OF THE QUALICOAT QUALITY SIGN FOR PAINT, LACQUER AND POWDER COATINGS ON ALUMINIUM FOR ARCHITECTURAL APPLICATIONS.

Date of issue of the licence: 27.05.2003 Period of validity of the licence: until 31.12.2013

Zurich, 7 December 2012

QUALICOAT

CERTIFICATION BODY

Mohammed C. Panam

President

Josef Schoppig AC-Fiduciaire SA



Mailing address: QUALICOAT, P.O. Box 1507, CH-8027 Zurich

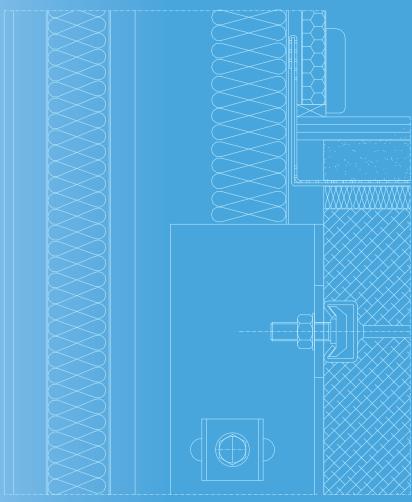
QUALICOAT d'o AC-Fiduciaire SA, Tödistrasse 47, CH-8002 Zurich

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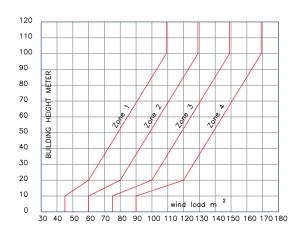
RESISTANCE TO WIND LOAD

ZONE 1 ${\bf q}_{20} = {\bf Kg/m^260}$ BUILDING HEIGHT LESS THAN 500 METERS FROM SEA LEVEL

ZONE 2 $q_{20} = \mbox{Kg/m}^2 \mbox{80}$ BUILDING HEIGHT FROM 500 TO 800 METERS FROM SEA LEVEL

ZONE 3 $q_{20} = Kg/m^2 100 \\$ BUILDING HEIGHT FROM 800 TO 1600 METERS FROM SEA LEVEL

ZONE 4 $q_{20} = Kg/m^2 120$ BUILDING HEIGHT FROM 1600 TO 2000 METERS FROM SEA LEVEL



RESISTANCE TO WIND LOAD

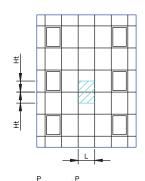
The value above indicate refer for height 20 meter q_{20} (Kg²/m) pressure 20 m of sea level:

- a) For height till 10 m₂₀: $q = ^2 0.75 \times q_{20} (Kg/m)^2$
- b) For height from 10 m to 20 m : $q = (H + 20)/40 \times q (Kg/m)$
- c) For height 20 m to 100 m , calculated a pressure q for the part of building till height 20 m, for remain part , the pressure q : $q_{zo}=~q~+60~H~-^2~20~(Kg/m) \\ 100$
- d) For height over 100 m., calculated the pressure q as above point C the remain height exceeding 100 m. q remains unchanged sea above diagram

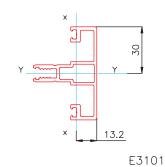
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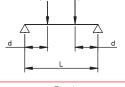


STATIC DIAGRAM - TRANSOM



 $MJx = 12.07 \text{ cm}^4$ $MJy = 5.23 \text{ cm}^4$ $Wx = 9.12 \text{ cm}^3$ $Wy = 1.74 \text{ cm}^3$

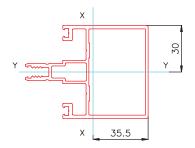




 $f = 0.0417 \frac{P_x d}{E_{xJ}} \times (3L^2 + 4d^2)$

 $MJx = 33.44 \text{ cm} \uparrow 4$ $MJy = 28.86 \text{ cm} \uparrow 4$

Wx = 9.42 cm 13Wy = 9.62 cm 13



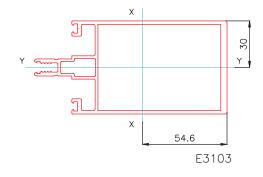
E3102

 $\begin{array}{lll} E &=& \text{Elastic modulus 700.000} & \text{(Kg/cmq)} \\ f &=& \text{Deflection} & \text{(cm)} \\ & & f &\leq& \frac{H}{300} \\ \end{array}$

W=Modulus of Resistance cmq (Kg/cmq)

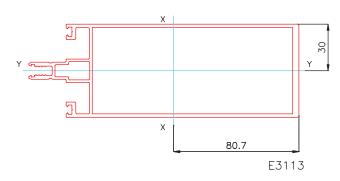
 $MJx = 162.59 \text{ cm}^4$ $MJy = 48.39 \text{ cm}^4$

 $Wx = 29.80 \text{ cm}^3$ $Wy = 16.13 \text{ cm}^3$



 $MJx = 410.45 \text{ cm}^4$ $MJy = 66.76 \text{ cm}^4$

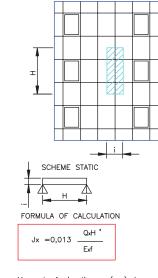
 $Wx = 50.84 \text{ cm}^3$ $Wy = 22.25 \text{ cm}^3$

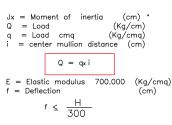


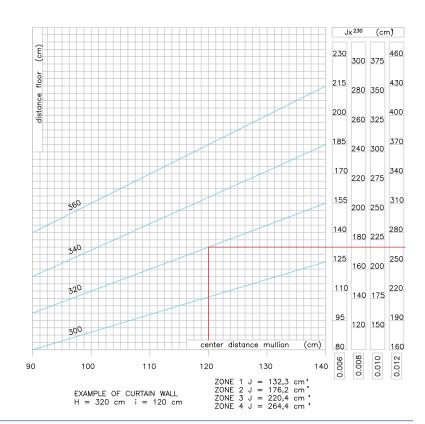
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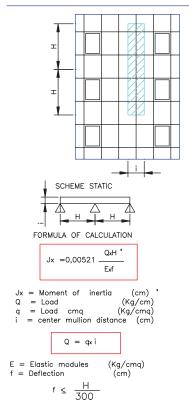


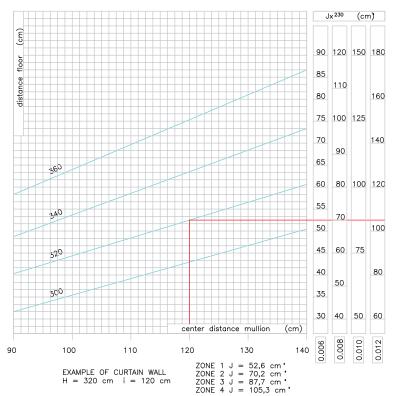
STATIC DIAGRAM-MULLION









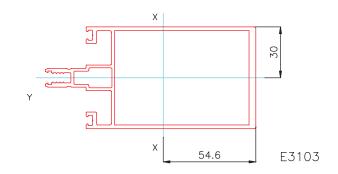


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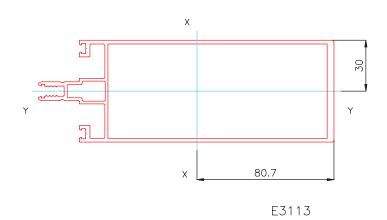
INERTIA OF MULLION PROFILES

 $MJx = 162.59 \text{ cm}^4$ $MJy = 48.39 \text{ cm}^4$ $Wx = 29.80 \text{ cm}^3$ $Wy = 16.13 \text{ cm}^3$



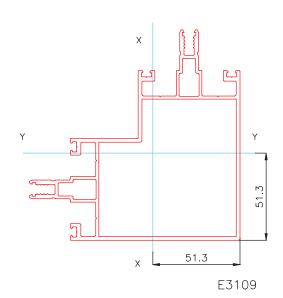
 $MJx = 410.45 \text{ cm}^4$ $MJy = 66.76 \text{ cm}^4$

Wx = 50.84 cm 13Wy = 22.25 cm 13



 $MJx = 231.91 \text{ cm}^4$ $MJy = 231.91 \text{ cm}^4$

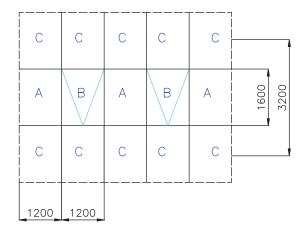
 $Wx = 45.14 \text{ cm}^3$ $Wy = 45.14 \text{ cm}^3$



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THEORETICAL CALCULATION K VALUE



A FIX GLASS ELEMENT GLASS 6-12-6

K=kcal / m.ħ.c° 2.5

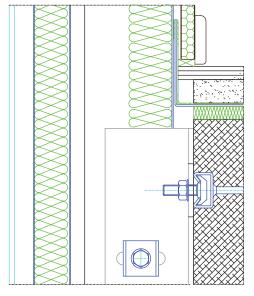
B WINDOW

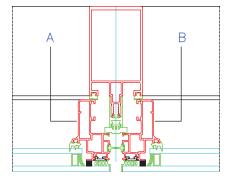
GLASS 6-12-6

 $K=kcal / m.\hbar.c^2 2.5$

C FIX GLASS PANEL ELEMENT
GLASS 6 - INSULATING PANEL 60

K=kcal / m.ĥ.c° 0.45





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Balexco 60



Name of product:

Balexco 60 Designed by highly expertised company in ITALY. Consists of Basically 5 types-Thermal and non thermally Broken profiles.

Concept:

The 5 types designed together in a way to share the basic profiles of mullion and Transoms together with major part of Accessories and Gaskets.





Profiles:

Mullions & Transoms various in size from 17mm to 150mm with a wide options of panel profiles to suit all requirements.

Accessories:

Manufactured from basic extrusion: cut & machined to suit all applications to make the system competitive with the addition of plastic parts producted locally in the gulf.





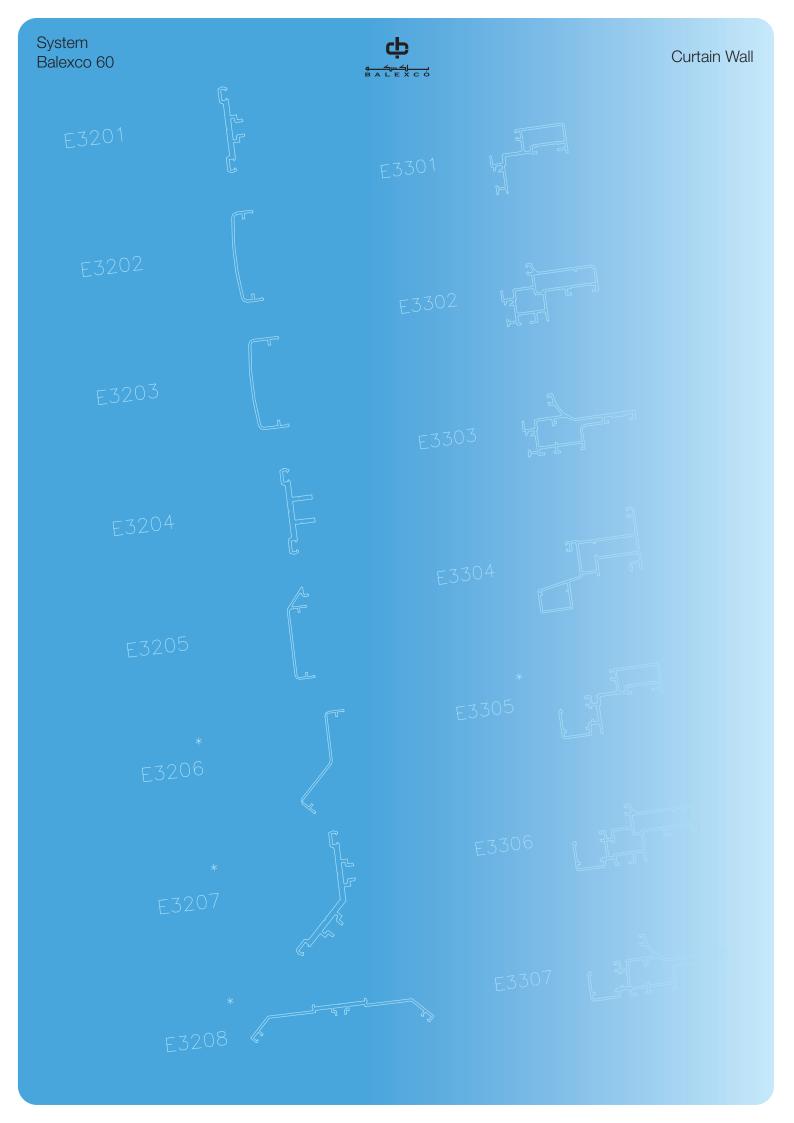
Gaskets:

All in E.P.D.M quality.

Tools:

Specially designed tools were designed together with the system to ease fabrication and installation and provide accuracy in preparation of profiles at the work shop.





3100 PROFILES FOR MULLION -TRANSOM

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

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CODE	SECTION	WEIGHT gr/m	DESCRIPTION	PER.	Jx cm↑4	Wx cm↑3	Jy cm↑4	Wy cm↑3		
E3101		1058	SMALL TRANSOM	343	12.07	9.12	5.23	1.74		
E3102		1806	MEDIUM TRANSOM	420	33.44	9.42	28.86	9.62		
E3103		2646	MULLION 100	510	162.59	29.80	48.39	16.13		
* E3104		1836	TRANSOM FOR	419	32.72	9.08	29.70	9.90		
* E3105		2414	TRANSOM FOR HALF MULLION	509	133.88	21.76	46.88	15.63		
* E3106		1596	HALF MULLION	394	60.40	13.45	5.01	4.73		
* E3107		940	CONNECTION HALF	326	9.42	2.84	3.14	1.41		
* E3108		324	INTERNAL CONNECTION HALF MULLION	141	2.65	4.48	0.05	0.02		

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3100 PROFILES FOR MULLION-TRANSOM

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

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CODE	SECTION	WEIGHT gr/m	DESCRIPTION	PER.	Jx cm↑4	Wx cm↑3	Jy cm†4	Wy cm↑3		
E3109		3378	90° CORNER	781	231.91	45.14	231.91	45.14		
* E3110		1196	SUPPORT 90° CORNER	413	24.68	6.32	24.68	6.32		
E3111		1474	SUPPORT 90° CORNER	340	48.83	9.67	6.39	3.49		
E3112	2	421	ANGLE VARIABLE	157						
E3113 _§		3240	MULLION 150	610	410.45	50.84	66.76	22.25		
E3114		2943	MULLION 125	560	269.52	-	57.57	-		
E3115		2125	HALF MULLION 100	422	129	_	20.2	_		
E3116		1463	HALF MULLION 55	331	29	_	12.1	-		

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3100 PROFILES FOR MULLION-TRANSOM

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

CODE	SECTION	WEIGHT gr/m	DESCRIPTION	PER.	Jx cm14	Wx cm†3	Jy cm↑4	Wy cm↑3
E3117*=		4655	MULLION 165	671	101.00	_	772.00	-
E3118*=	\$ \$	3413	MULLION 181 FOR CORNER	594	70.98	-	506.59	-



3200 PROFILES FOR COVER CAPS

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

CODE	SECTION	WEIGHT gr/m	DESCRIPTION	PER.	Jx cm↑4	Wx cm†3	Jy cm↑4	Wy cm↑3
E3201		440	PRESSURE PLATE	158	2.46	3.20	0.09	0.03
E3202		265	VERTICAL COVER CAP 50	153	3.30	3.19	0.16	0.06
E3203		297	HORIZONTAL COVER CAP 50	173	3.96	3.03	0.34	0.13
E3204		500	PRESSURE PLATE HORIZONTAL LINE	168	2.58	2.36	0.28	0.11
E3205		383	COVER CAP	203	6.21	5.46	0.30	0.08
* E3206		361	COVER CAP	199	6.46	3.40	1.25	0.34
* E3207		751	PRESSURE PLATE	252	8.83	6.39	2.09	0.69
* E3208 🎸		1247	PRESSURE PLATE	439	1.64	0.20	97.15	52.98

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3200 PROFILES FOR COVER CAPS

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.										
CODE	SECTION	WEIGHT gr/m	DESCRIPTION	PER.	Jx cm14	Wx cm↑3	Jy cm14	Wy cm↑3		
* E3209		1466	PRESSURE PLATE	480	4.17	0.50	129.33	51.16		
E3210	را کی ایک کی	621	PRESSURE PLATE	235	5.70	6.20	0.18	0.05		
* E3211		983	PRESSURE PLATE	345	2.52	0.50	30.92	20.27		
* E3212		1499	PRESSURE PLATE	525	4.72	0.59	108.16	72.14		
E3213		1172 P.J.	PRESSURE PLATE	405	1.17	0.19	47.39	43.94		
E3214		197	SPACER PROFILE	127			—	_		
E3215		113	SPACER PROFILE	75						
E3216*		178	CONNECTION PROFILE E3204	50						

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3200 PROFILES FOR COVER CAPS

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

CODE	SECTION	WEIGHT gr/m	DESCRIPTION	PER.	Jx cm14	Wx cm↑3	Jy cm†4	Wy cm↑3
E3217		521	PRESSURE PLATE	178	_	_	-	_
E3218		297	VERTICAL COVER CAP 60	173	5.00	-	0.14	-
E3219		329	HORIZONTAL COVER CAP 60	197	6.06	_	0.36	-
E3220		1499	RIGHT ANGLE COVER CAP 60	419	7.81	_	0.44	-
E3221		1088	ELLIPTICAL COVER CAP 50	301	31.96	-	13.24	-
E3222		729	PRESSURE PLATE	285	10.6	_	1.18	_



3300 PROFILES

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

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CODE	SECTION	WEIGHT Gr/ml	DESCRIPTION	PER.	Jx cm14	Wx cm↑3	Jy cm↑4	Wy cm↑3	
E3301		815	CONVENTIONAL VENT	300	3.81	1.30	9.69	3.46	
E3302		1112	STRUCTURAL FRAME/ VENT	349	4.83	1.27	16.90	8.10	
E3303		1069	STRUCTURAL FRAME/ VENT	352	3.73	0.79	20.64	11.91	
E3304		1169	CONVENTIONAL FRAME	397	11.35	3.40	25.13	8.27	
* E3305			CONVENTIONAL RAMED GLASS INSERT	386	6.90	1.87	18.84	7.97	
E3306		1304 F	RAMED GLASS INSERT	421	6.41	1.44	29.10	15.58	
E3307			RAMED GLASS INSERT ERSION E3306	448	4.74	0.87	33.67	21.58	

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3300 PROFILES

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

CODE	SECTION	WEIGHT Gr/ml	e made, please refer to BALEX	PER.	Jx cm14	Wx cm†3	Jy cm↑4	Wy cm↑3
* E3308		1231	FRAME FOR FIX PART WITH GLASS	409	9.36	2.40	21.65	5.77
* E3309		1312	FRAME FOR FIX PART WITH ALUMINIUM	420	10.76	2.66	24.08	6.17
E3310	চ-ট	108	BONDING PROFILE	52	-	-	-	-
E3311		505	ADDITIONAL FRAME FOR DOOR	155	3.9	-	1.24	_
E3312		1280	FRAME FOR WINDOWS— HORIZONTAL LINE	440	33.1	-	4.97	-
E3313		1175	STRUCTURAL FRAME	310	19.59	-	4.39	_
E3314		934	STRUCTURAL FRAME	292	20	-	1.69	-

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3300 PROFILES

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

CODE	SECTION	WEIGHT Gr/ml	DESCRIPTION	PER.	Jx cm14	Wx cm↑3	Jy cm↑4	Wy cm↑3
E3315		1064	OPENABLE FRAME PANEL	312	3.00	-	3.30	_
E3316		348	GLASS SUPPORT (CONVENTIONAL)	141	-	-	-	-
E3317	Ш	394 \$	SPANDREL SUPPORT	135	-	-	-	-
E3318		470 C	CLADDING SUPPORT	235	0.52	_	9.73	_



PROFILES FOR DOOR - WINDOWS

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

CODE	SECTION	WEIGHT Gr/ml		RIPTION	PER.	Jx cm14	Wx cm↑3	Jy cm↑4	Wy cm↑3
	PROFILI	ES FOR	DOORS	-WINDO	WS				
E1201		840	WINDOW	FRAME	280	4.00	1.31	8.07	3.20
E1208		1064	DOOR	FRAME	298	12.05	5.79	19.50	4.89
E1230		959	WINDOW	VENT	335	12.16	4.98	5.86	1.89
E1237		1094	DOOR	VENT	334	12.39	5.53	17.90	4.31
E1238		1096	T DO	OR VENT	334	11.86	6.29	17.91	4.31
E1401		148	SPACER S	SUPPORT	50	_	_	_	_
E1402		275 AI	DDITIONAL FO	DR DOOR	175	_	_	_	

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BALEXCO 45 WINDOW PROFILES

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

CODE	SECTION	WEIGHT Gr/ml	DESCRIPTION	PER.	Jx cm14	Wx cm†3	Jy cm†4	Wy cm†3
E1404	٦	254	GLASS BEADING	145	_		_	_
E1406	A	227	GLASS BEADING	138	_			
E1406		224	GLASS BEADING	139	_		_	_
E1407		186	GLASS BEADING	103	; <u> </u>		_	
E1408	D	259	GLASS BEADING	133	; <u> </u>		_	_
E1410	2	246	GLASS BEADING	138			_	_
E1411		230	GLASS BEADING	128			_	



BALEXCO 45 WINDOW PROFILES

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

THE INDICATED WEIGHTS AND PERIMETERS ARE INCLUSIVE OF THE POLYAMIDE STRIPS

CODE	SECTION	WEIGHT gr/m	DESCRIPTION	PER.	Jx cm↑4	Wx cm↑3	Jy cm↑4	Wy cm↑3
E1412		213	GLASS BEADING	118	3		_	
E1413		184	GLASS BEADING	99	_		_	_
E1414		170	GLASS BEADING	92	_		_	_

System Balexco 60



3400 THERMAL BREAK PROFILES FOR WINDOWS PANEL

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

THE INDICATED WEIGHTS AND PERIMETERS ARE INCLUSIVE OF THE POLYAMIDE STRIPS

CODE	SECTION	WEIGHT gr/m	DESCRIPTION	PER.	.lx	Wx Jy cm†3 cm†4	Wy cm↑3
* E3401		943	CONVENTIONAL VENT	304	4.63	1.34 13.65	5.39
E3402		1280	STRUCTURAL FRAME/ VENT	329	6.52	1.50 22.75	12.14
* E3403		1255	STRUCTURAL FRAME/ VENT VERSION E3402	352	5.08	0.94 28.25	17.39
E3404 *		1348	CONVENTIONAL FRAME	375	12.74	3.56 27.54	8.90
E3405 *			CONVENTIONAL RAMEDGLASS INSERT/VENT	383	7.21	1.78 24.23	10.78
* E3406		1529F	RAMED GLASS INSERT	408	7.85	1.61 35.86	20.85
E3407 *		_	RAMED GLASS INSERT ERSION E3406	431	6.02	1.01 42.47	28.27
* E3408		1466	FRAME FOR FIX PART WITH GLASS	397	11.75	2.65 28.53	7.60

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3400 THERMAL BREAK PROFILES FOR WINDOWS PANEL

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.								
		TS AND PERIM	ETERS ARE INCLUSIVE OF THE PC		PS Jx	W×	Jy	Wy
CODE	SECTION	gr/m	DESCRIPTION	PER.	cm14	cm†3	cm14	cm13
* E3409		1504	FRAME FOR FIX PART WITH ALUMINIUM	407	12.88	2.83	31.28	8.12
E3310 *	F)	108	BONDING PROFILE	52	0.07	0.26	0.01	0.0096
* E3412		1437	FRAME FOR WINDOWS HORIZONTAL LINE	442	13.19	3.47	32.16	10.56
		PROFILE	S FOR DOORS - WI	NDOWS				
* E3411		799	ADDITIONAL FRAME FOR DOOR	207	2.31	1.24	10.28	6.57
* E1301		1050	WINDOWS FRAME	316	4.46	1.44	13.58	4.31
* E1309			DOOR FRAME	357	19.35	7.03 2	24.03	5.44
* E1330		1080	WINDOWS VENT	345	17.04	5.69	6.08	2.03
* E1337		1545	DOOR VENT	353	18.55	8.45	23.63	5.66

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THERMAL BREAK PROFILES FOR DOORS

* Denotes DIE is to be made, please refer to BALEXCO Sales Dept.

	THE INDICATED WEIG	HTS AND PERIMETER	S ARE INCLUSIVE OF THE PO	DLYAMIDE STRIP	S			
CODE	SECTION	WEIGHT gr/m	DESCRIPTION	PER.	Jx cm14	Wx cm↑3	Jy cm†4	Wy cm↑3
E1338 *		1544	T DOOR VENT	343	17.35	8.91	24.02	5.73
* E1343		804	INVERTED RABBET	199	8.43	3.75	2.82	1.71



N.B. Please consult Balexco for the availability of Dies and Versions



LIST OF ACCESSORIES

ITEM	DRAWING AND DESCRIPTION	ITEM	DRAWING AND DESCRIPTION
A3701	BRACKET MULLION E3103 E3113 Length 200 mm	A3704	MULLION NYLON CONNECT
		A3705	INNER TRANSOM SEAL
A3702	BRACKET E3103	A3706	BOTTOM SUPPORT Length 40mm
A3702.1	BRACKET E3113		Length Formi
A3702.2	BRACKET E3102 Length 300 mm	A3707 A3708 A3708.1	SIDE SUPPORT Length 10mm SUPPORT E1401 TOP SUPPORT E3302-E3402 TOP SUPPORT E3303-E3403
A3703 A3703.1	CONNECT MULLION E3103 CONNECT MULLION E3113	A3709	DRAINAGE COVER
A3703.2	Length 300 mm CONNECT MULLION E3102		

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LIST OF ACCESSORIES

ITEM	DRAWING AND DESCRIPTION	ITEM	DRAWING AND DESCRIPTION
A3710	GLASS SUPPORT Length 100 mm	A3715	CORNER JOINT 11.2X11
A3711	GLASS SUPPORT HORIZONTAL LINE Length 100 mm	A3716	CORNER JOINT 5X11
A3712	PANEL GLASS SUPPORT Length 100 mm	A3717	CORNER JOINT 3.5X11
A3712.1	PANEL GLASS SUPPORT HORIZONTAL LINE Length 100 mm	A3718	CORNER JOINT 29X11 SCREW
A3713	CORNER JOINT 29X11	A3719	CORNER JOINT 17X15 SCREW
A3714	CORNER JOINT 20X11	A3720	CORNER JOINT 17X15

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LIST OF ACCESSORIES

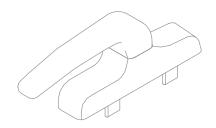
ITEM	DRAWING AND DESCRIPTION	ITEM	DRAWING AND DESCRIPTION
A3721	CORNER BRACKET Length 200 mm	A3726 * USE IN KIT	TRANSOM SEAL E3101
		A3727 U	SE IN KIT TRANSOM SEAL E3102
		A3727.1	TRANSOM SEAL E3103
A3722	OUTER TRANSOM SEAL 27 mm E3102	A3728	GL LOCATELLI GS 40-22 V 40-22 M12X40 FIX ON WALL A3701
A3722.1	OUTER TRANSOM SEAL 22 mm E3103-E3113		
A3723 * USE IN KIT	TRANSOM CONNECTOR FRONT FIXING E3101-E3102-E3113		
A3724	TRANSOM CONNECTOR E3102 Length 35mm	A3729	TRANSOM SEAL E3102
A3724.1	TRANSOM CONNECTOR E3103 Length 78mm	A3729.1	TRANSOM SEAL E3103
A3724.2	TRANSOM CONNECTOR E3113Length 128mm	A3729.2	TRANSOM SEAL E3113
A3725 * USE IN KIT WI	TRANSOM CONNECTOR FIXING E3102 Length 35mm	SIDE A3736	ACCESSORY FOR FIX CLAMPING CONVENTIONAL
A3725.1	TRANSOM CONNECTOR SIDE FIXING E3103 Length 78mm	A3736.1	ACCESSORY FOR FIX CLAMPING HORIZONTAL LINE

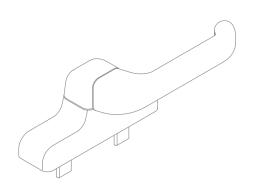
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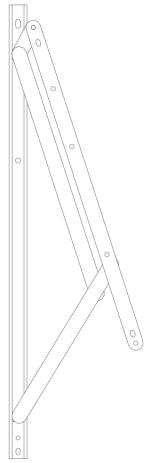
LIST OF ACCESSORIES PROJECTING WINDOWS

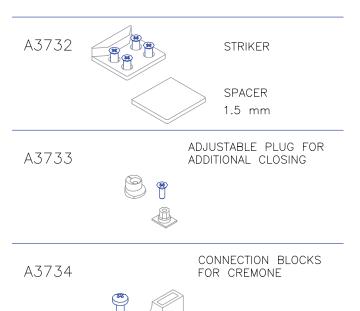
ITEM	DRAWING AND DESCRIPTION	ITEM	DRAWING AND DESCRIPTION		
A3730	CREMONE	A3730.1	CREMONE OUT-AXIS		

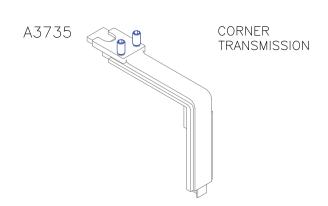




A3731 FRICTION ARM







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E3600 PROFILES FOR ACCESSORIES

CODE	SECTION	WEIGHT Gr/ml DESCRIPTION	СО	DE	SECTION	WEIGHT Gr/ml	DESCRIPTION
E2075		1582 CORNER JOINT 11mm A3713-14-15-16-17	E	3606	J	214	UPPER FIX ELEMENTS STRUCTURAL GLAZING A3708
E3601		2438 JOIN MULLION E3103 A3702.2	E	3607		810	LOWER FIX ELEMENTS STRUCTURAL GLAZING A3706
E3602		510 SUPPORT GLASS STRUCTURAL GLAZING A37010	E.	3608		138	SUPPORT GLASS CONVENTIONAL A3712
E3603 E3603A		1484 FIX ELEMENTS STRUCTURA GLAZING GLASS INSER 1434 A3707	L E	3609		572	SUPPORT GLASS HORIZONTAL LINE A3711
E3604	<u></u>	583 SUPPORT BRACK A3701 A3721	т Е	3610 (1820	ORNER JOINT 15mm A3720
E3605		4876 BRACKET A3701	E	3611		1245	JOINT TRANSOM A3724-24.1-24.2

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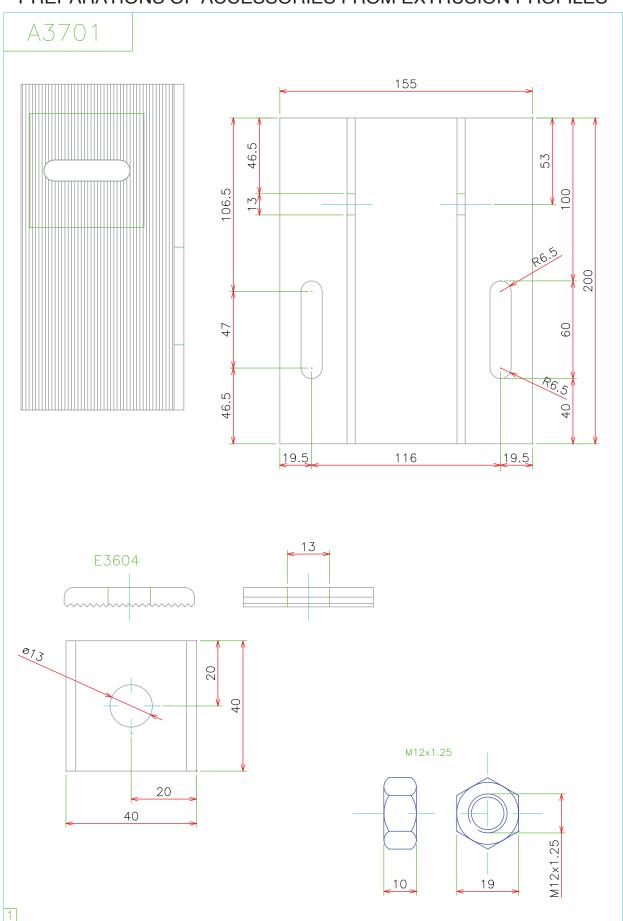
E3600 PROFILES FOR ACCESSORIES

CODE	SECTION	WEIGH ⁻ Gr/ml	DEZCRIPTION	CODE	SECTION	/EIGHT Gr/ml	DESCRIPTION
E3612		1391	MOVABLE SUPPORT FIX TRANSOM A3725-25.1	E3618	3	2593	JOINT CORNER MULLION E3109
E3613		551	GUIDE MOVABLE FIX TRANSOM A3725—25.1	E3618		267	UPPER FIX ELEMENTS STRUCTURAL GLAZING A3708.1
E3614		3110	JOINT MULLION E3113 A3702.1 A3703.1	E140°	1 🥰	148	ROD BAR SPACER SUPPORT A3707
E3615		211	SUPPORT GLASS HORIZONTAL LINE A3712.1	E3621	ſ	224	GLASS SUPPORT
E3616		1404	JOINT E3102 A3702.2 A3703.2	E3622	. <u> </u>	343	EXTENDED GLASS SUPPORT
E3617		4058	CORNER BRACKET A3721				

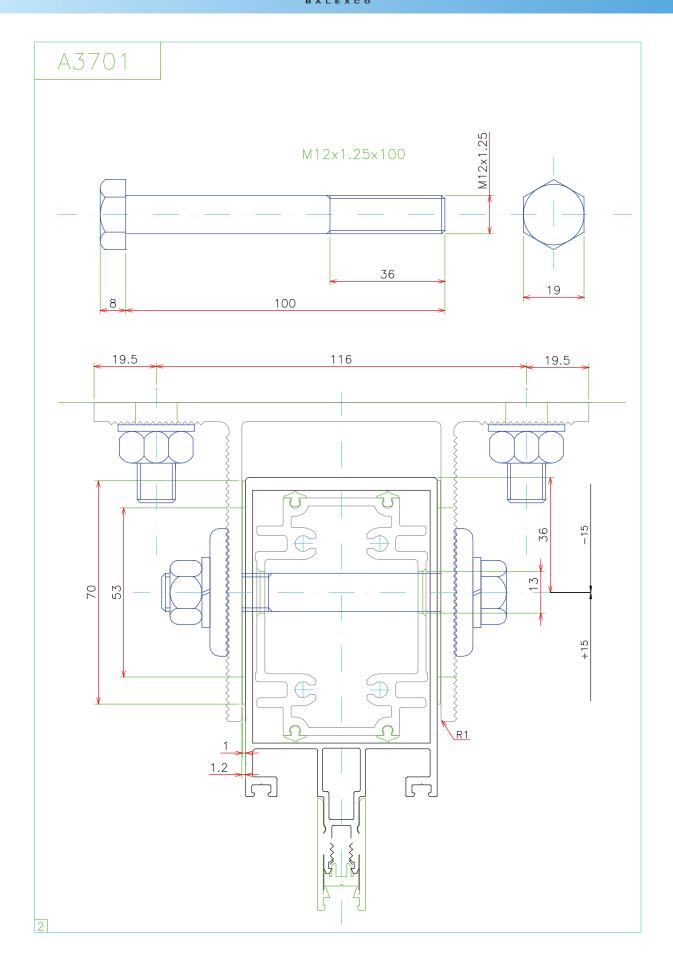
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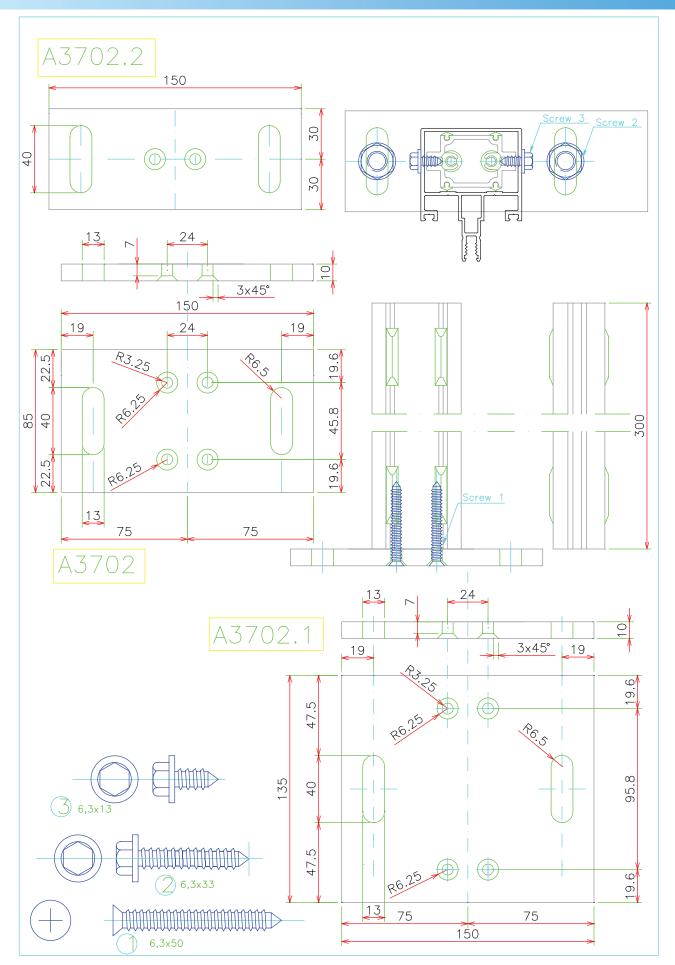
PREPARATIONS OF ACCESSORIES FROM EXTRUSION PROFILES



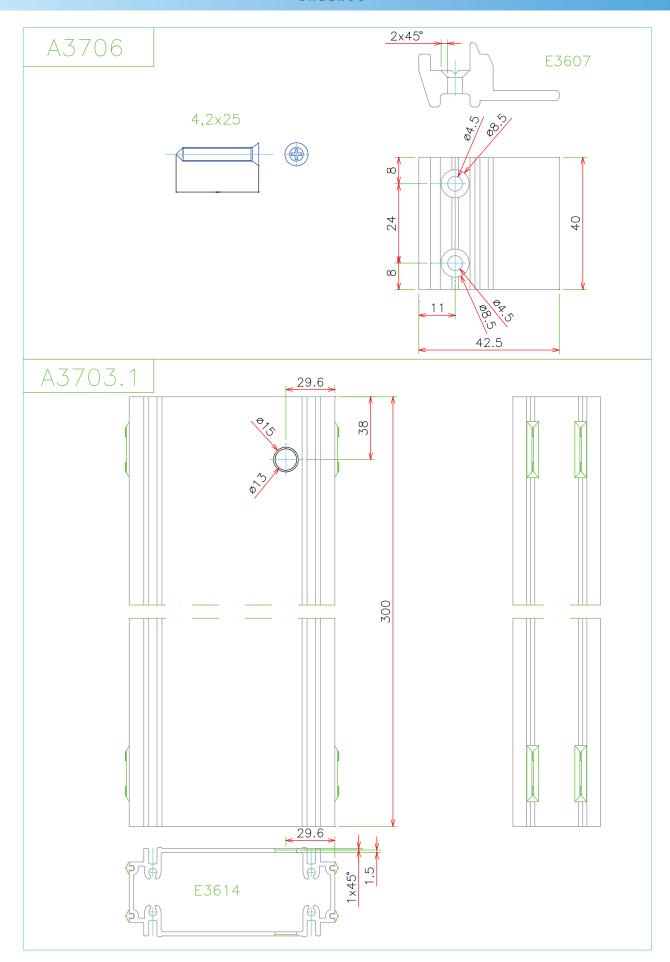
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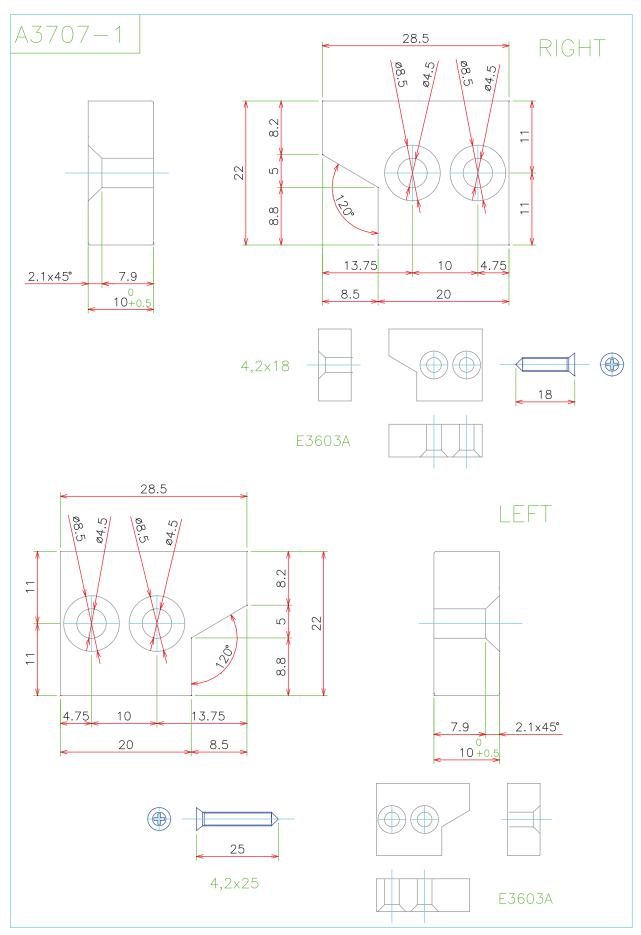
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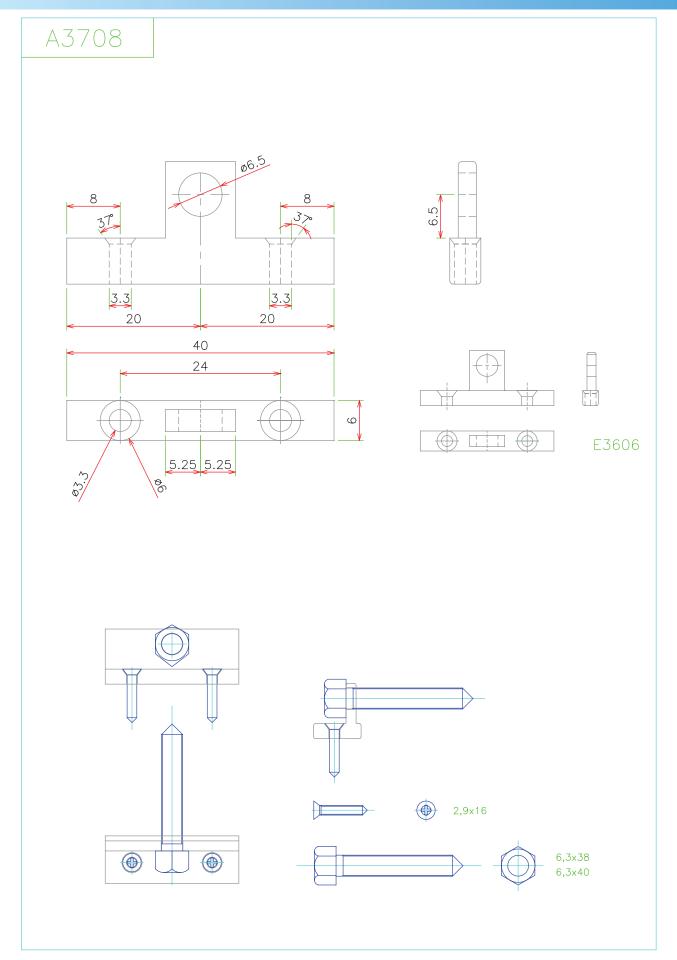


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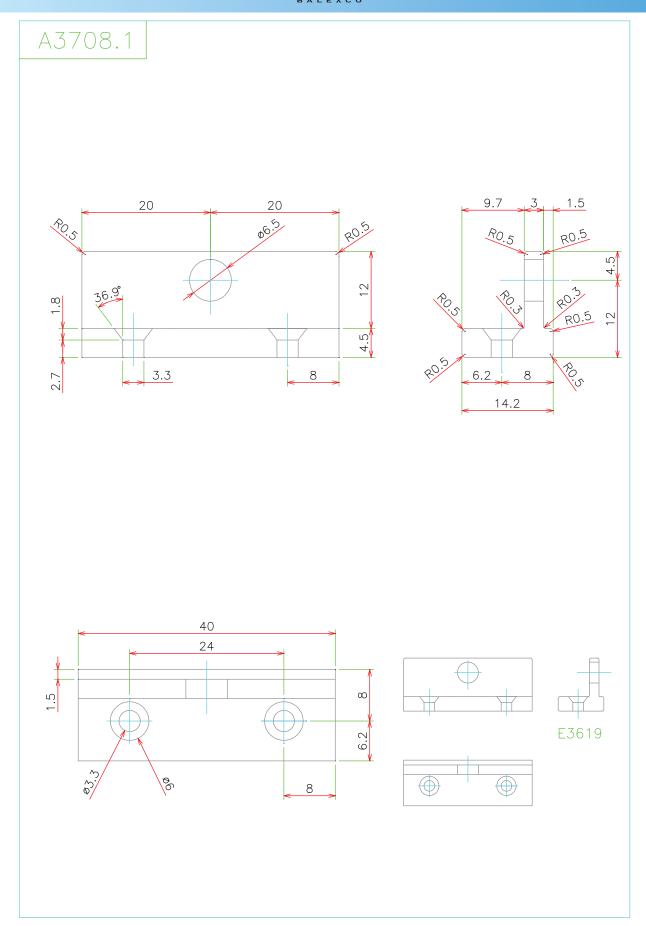


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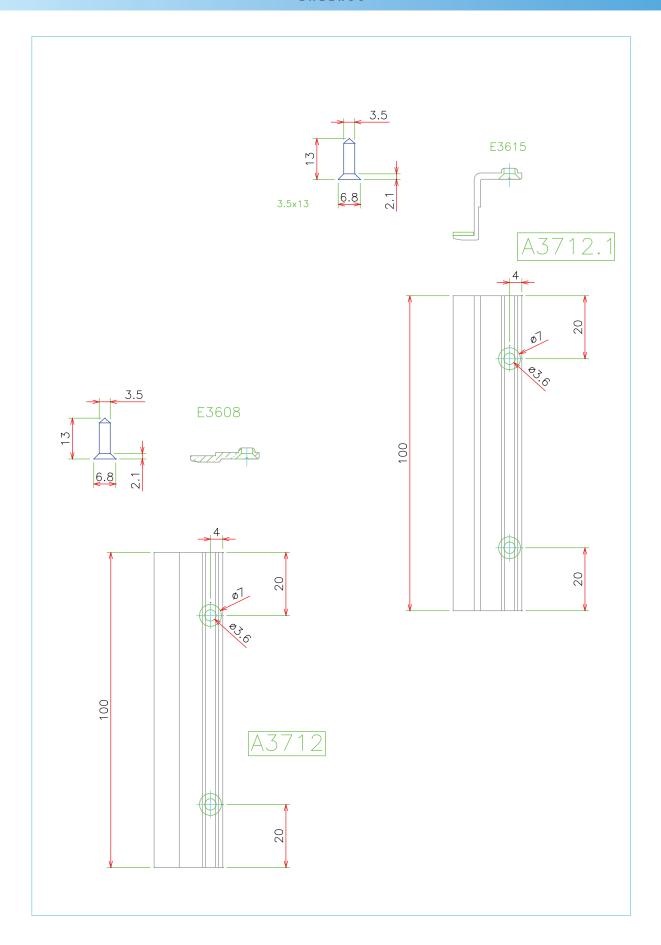


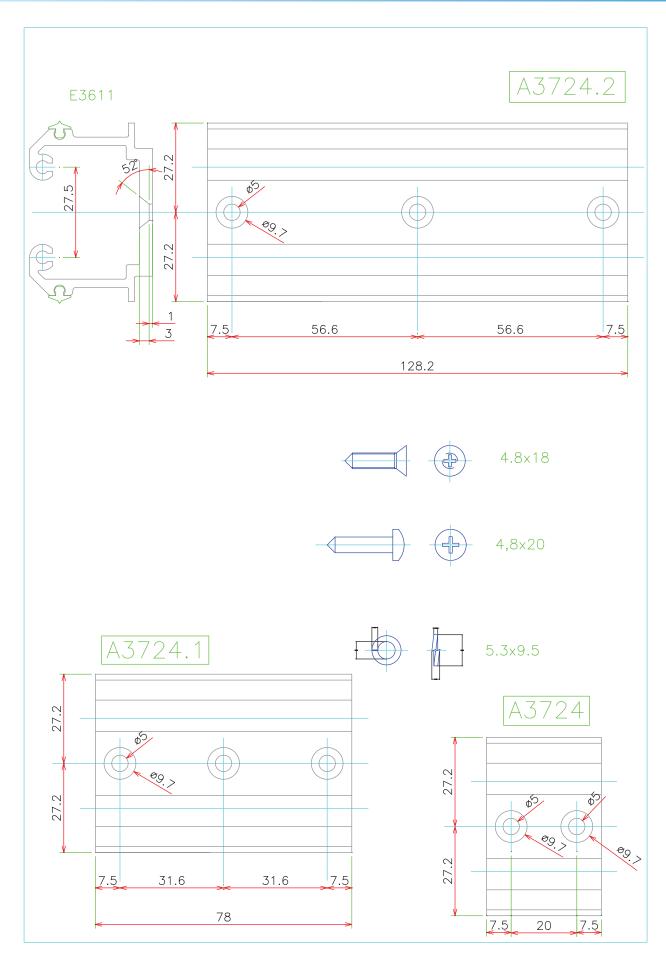












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LIST OF GASKETS

ITEM	DRAWING	AND DESCRIPTION	ITEM D	DRAWING AND DESCRIPTION	
G3801		FOR INSERT GLASS EPDM	G3807	INTERNAL GLASS 12 mm EPDM	
G3802		FOR INSERT GLASS VERSIONS G3826 EPDM	G3808	INTERNAL GLASS 17 mm EPDM	
G3803	<u> </u>	EXTERNAL GLASS 4 mm EPDM INTERNAL RABBET WING STRUCTURAL	G3809	DOUBLE ADHESIVE TAPE FOR STRUCTURAL GLASS	
G3804		INTERNAL GLASS 6 mm EPDM	G3810 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	THERMAL BREAK FOR MULLION AND TRANSOM SPECIAL PVC	
G3805		INTERNAL GLASS 8 mm EPDM	G3811	EXTERNAL RABBET MULLION TRANSOM EPDM	
G3806		INTERNAL GLASS 10 mm EPDM	G3812 - ²⁶	SEAL FOR PROFILE EPDM	

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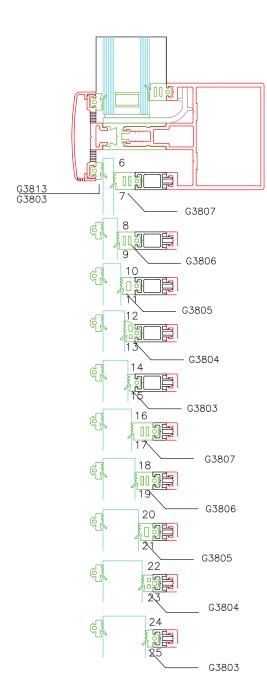
LIST OF GASKETS

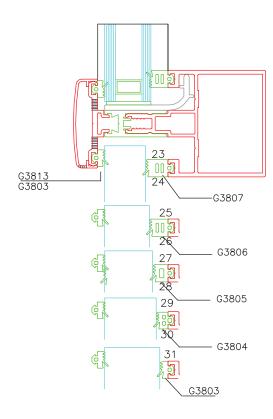
ITEM	DRAWING AND DESCRIPTION	ITEM	DRAWING AND DESCRIPTION
G3813	EXTERNAL GLASS THERMAL BREAK 4 mm EPDM	G3822	CORNER FOUR WAY-CROSS
G3814	FOR HINGE PROFILE ROUNDED CORNER EPDM	G3823	CORNER THREE WAY-T
G3815	GASKET FOR FOR MULLIONS -TRANSOMS SPECIAL PVC IN PCS	G3824	CORNER TWO WAY-L
G3817	ON THERSOLD FRAME	G3825	INTERNAL PART GLASS EPDM
G3818	ON FIN RABBET WING OPEN OUTSIDE	G3826	INTERNAL PART GLASS EPDM
G3819 	HORIZONTAL LINE EPDM HORIZONTAL LINE EPDM	G3827	ROUNDED SEALANT
G3821	CORNER VULACANIZED HORIZONTAL LINE EPDM	G3828	INTERNAL PART GLASS EPDM
		G3829	INTERNAL PART GLASS EPDM

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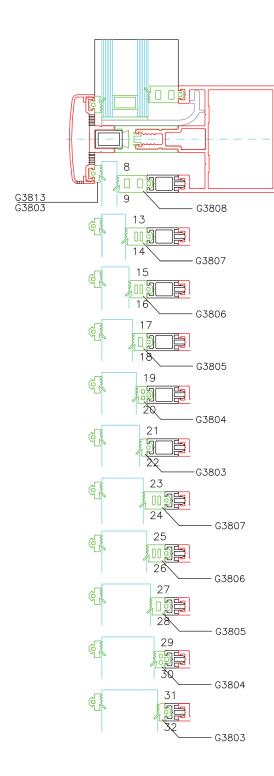
CONVENTIONAL INSERT GLASS GASKETS

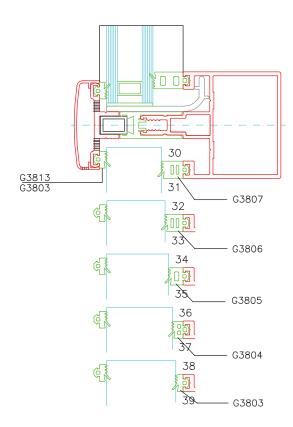






HORIZONTAL LINE INSERT GLASS-GASKETS

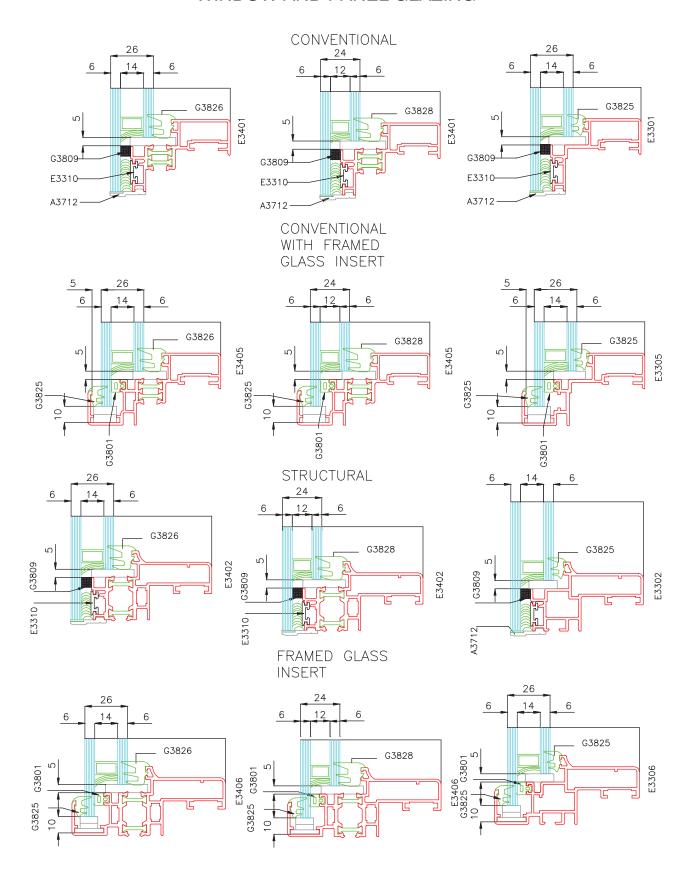




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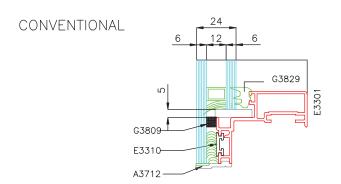
WINDOW AND PANEL GLAZING



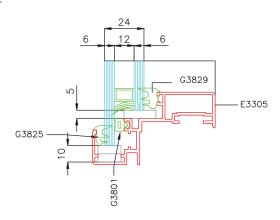
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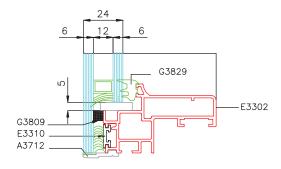
WINDOW AND PANEL GLAZING



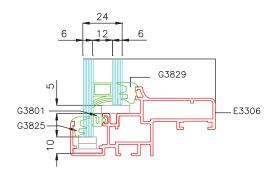
CONVENTIONAL WITH FRAMED GLASS INSERT



STRUCTURAL



FRAMED GLASS INSERT

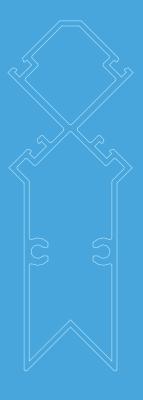


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E3113 a/m 3240

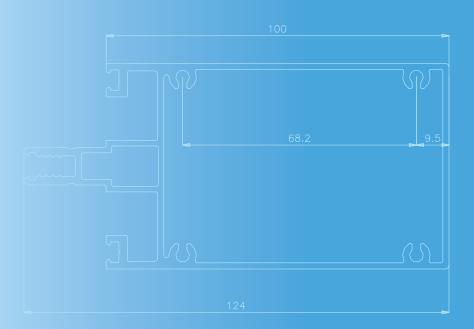


E3111 g/m 1474



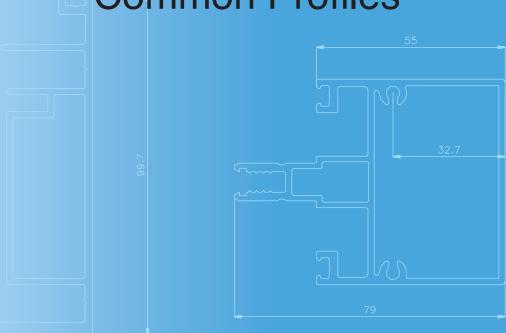
E3110 g/m 1196





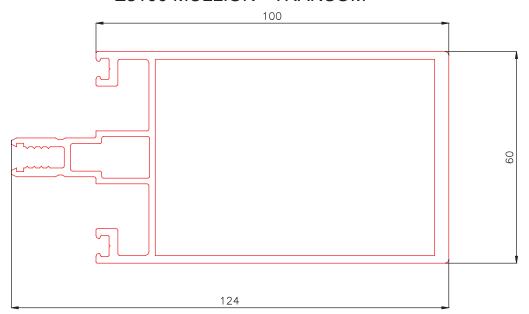
E3105 g/m 2414

Common Profiles

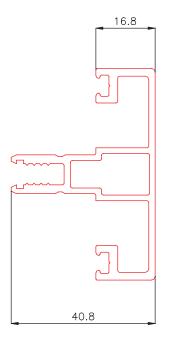


E3106 g/m 1596 E3104 a/m 1847

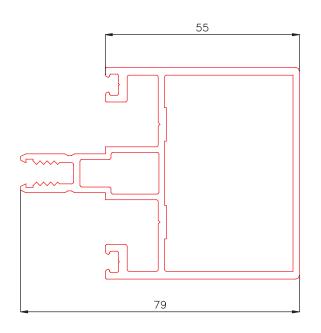




E3103 g/m 2646



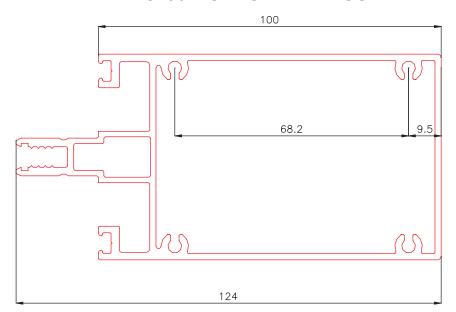
E3101 g/m 1058



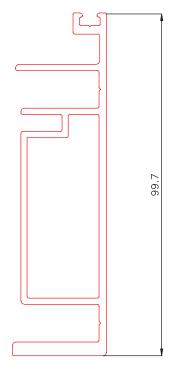
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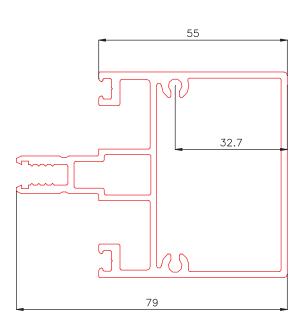
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E3105 g/m 2414



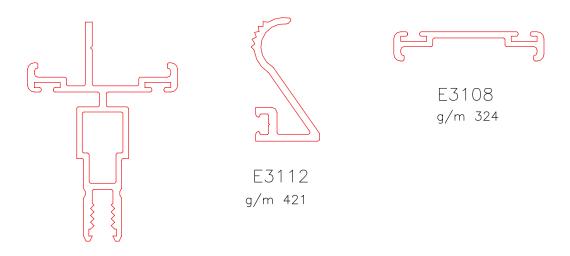


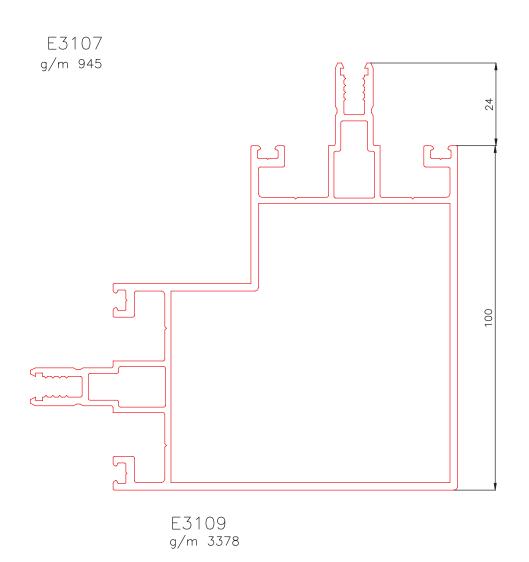
E3106 g/m 1596

E3104 g/m 1847

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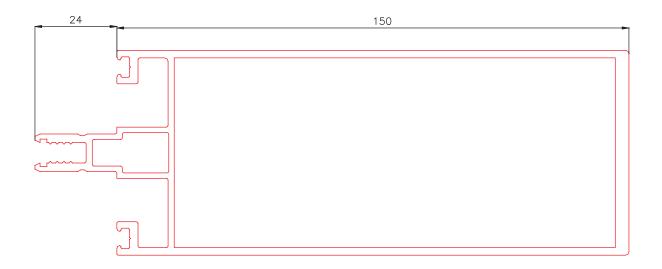




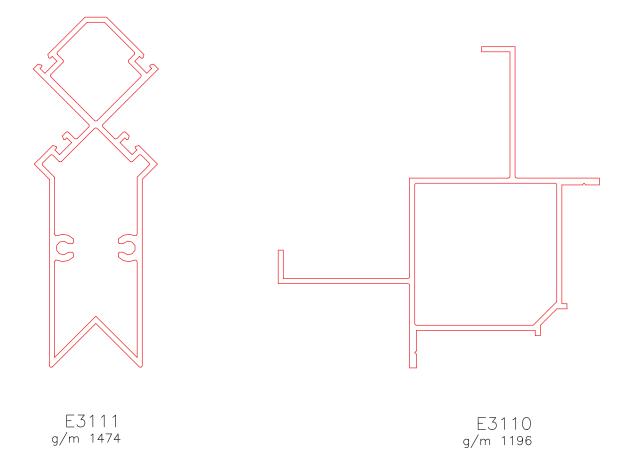


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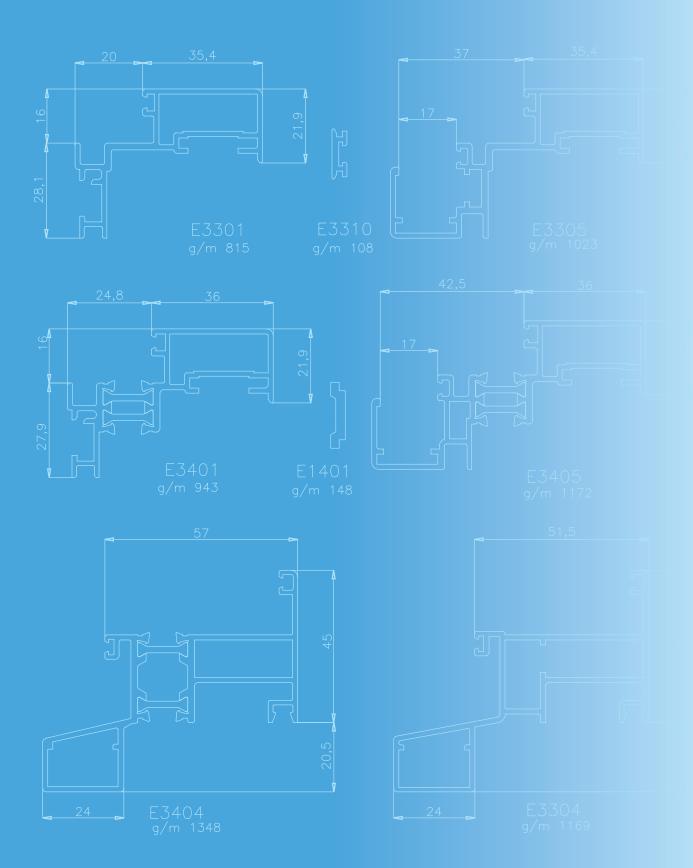


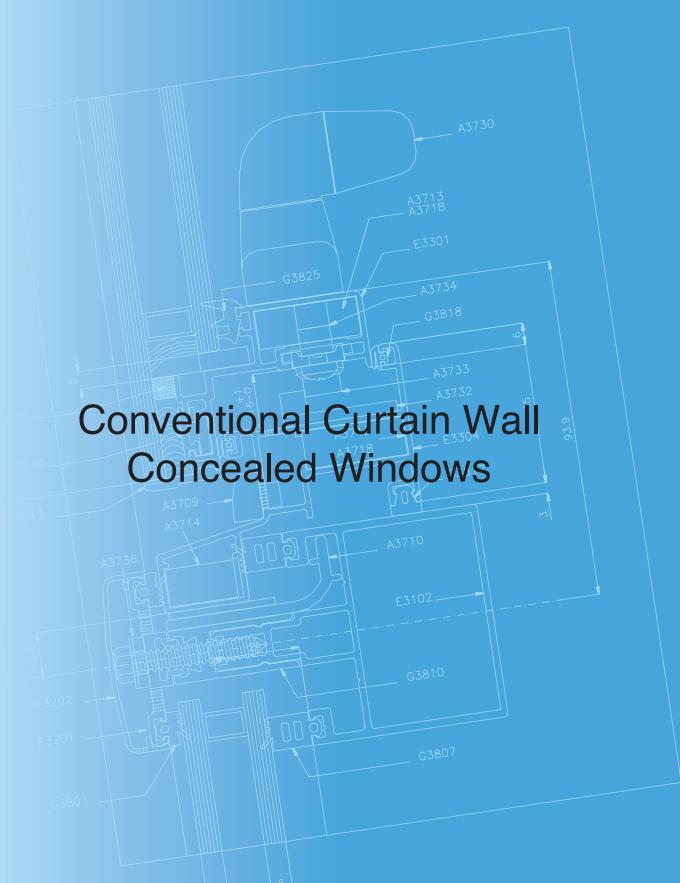


E3113 g/m 3240



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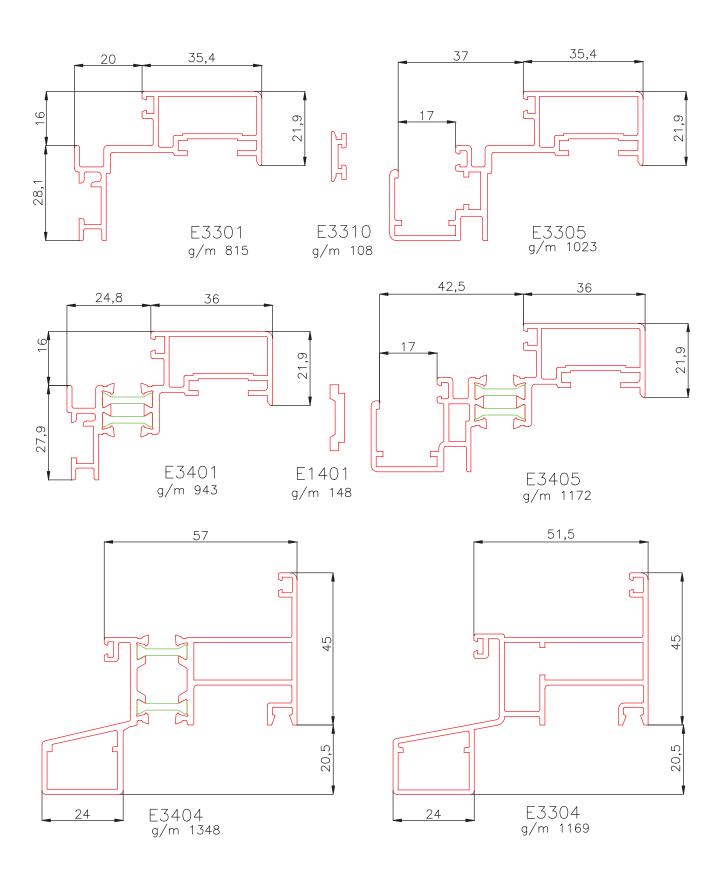




Conventional Curtain Wall Concealed Windows



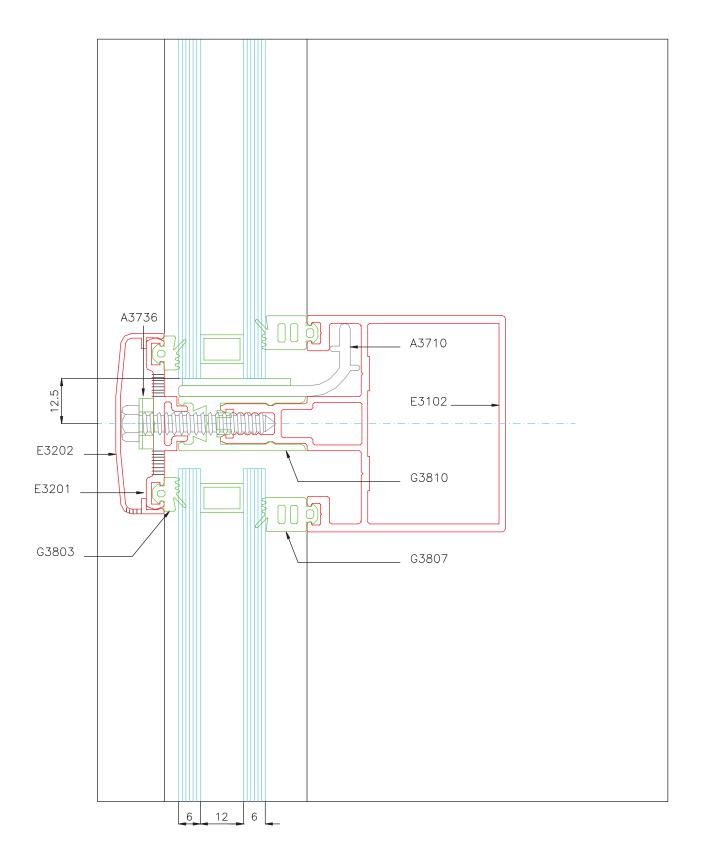
CONVENTIONAL - PROFILES



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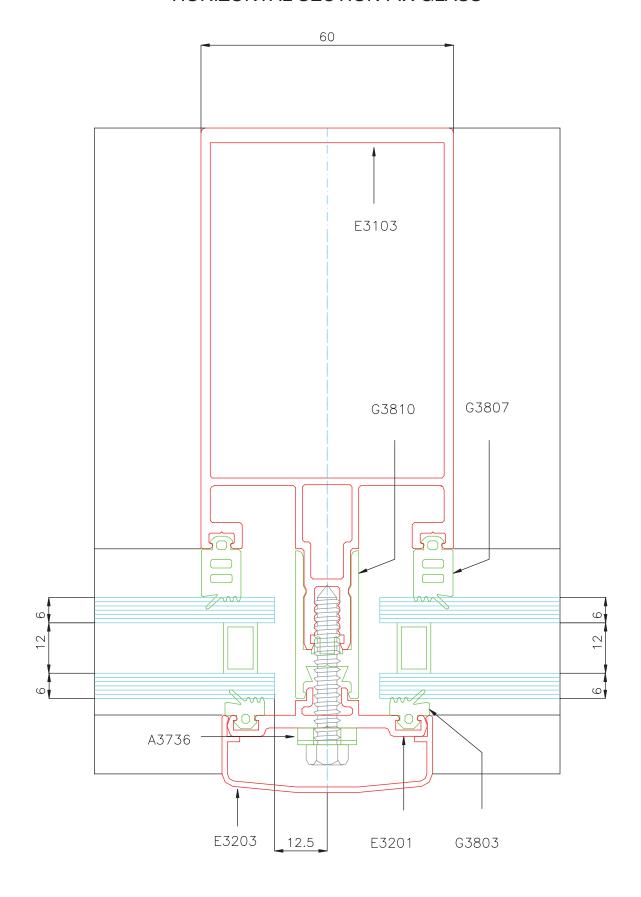


COMMON PROFILES VERTICAL SECTION FIX PART



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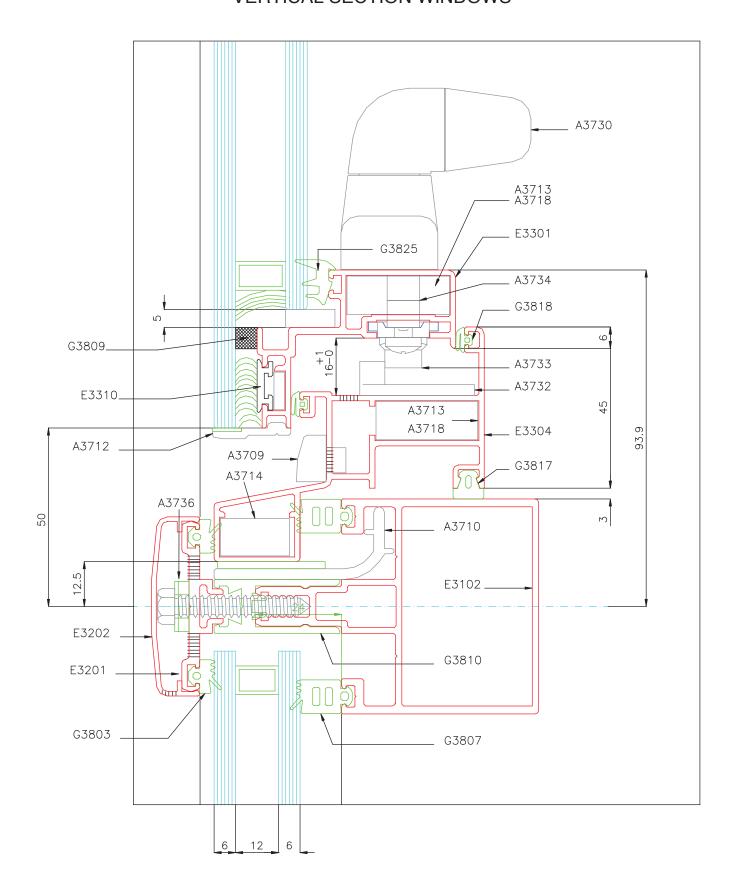
CONVENTIONAL HORIZONTAL SECTION FIX GLASS



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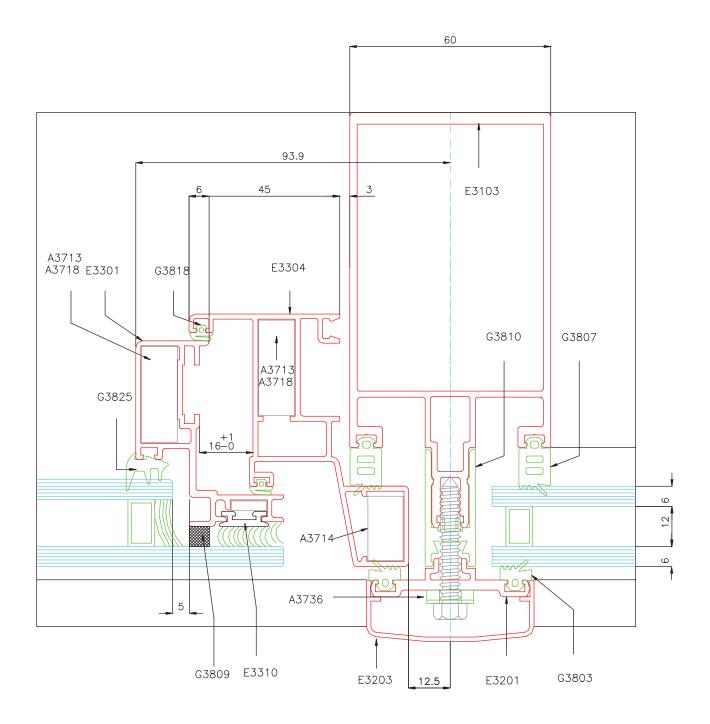
CONVENTIONAL VERTICAL SECTION WINDOWS



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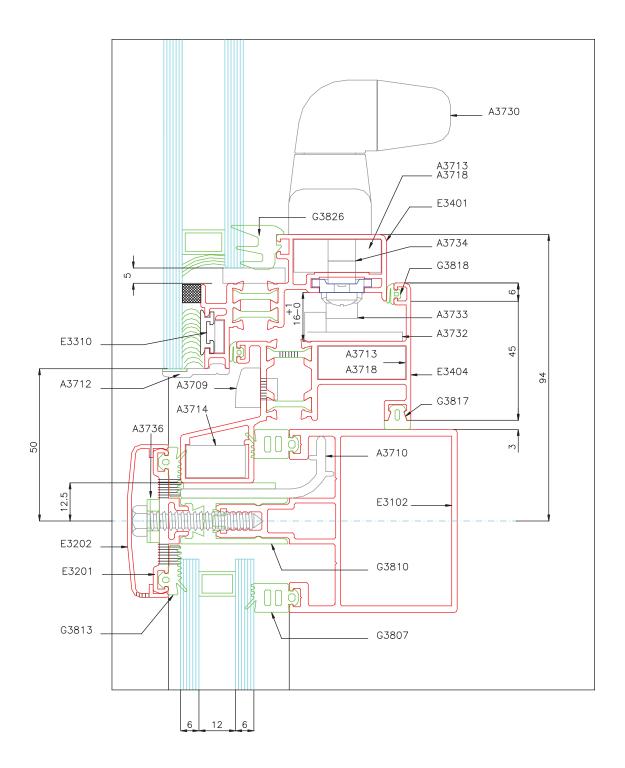
CONVENTIONAL HORIZONTAL SECTION FIXED GLASS



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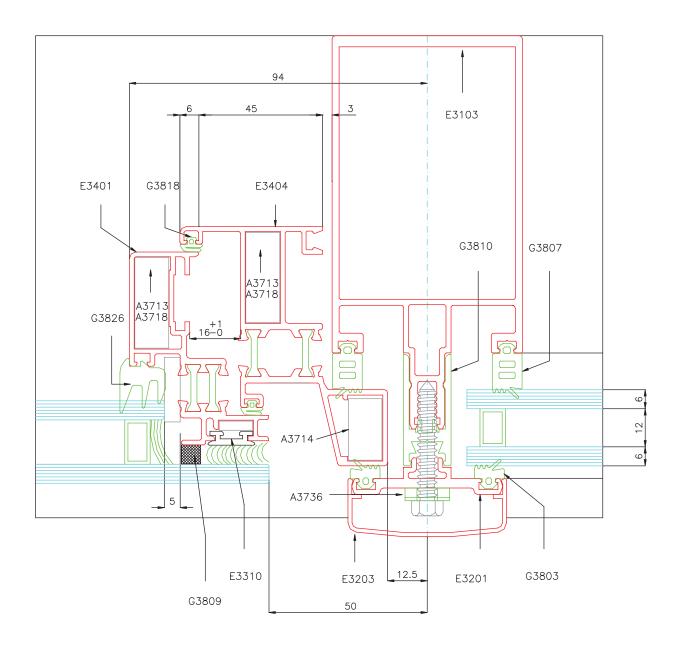
CONVENTIONAL VERTICAL SECTION WINDOWS THERMAL BREAK



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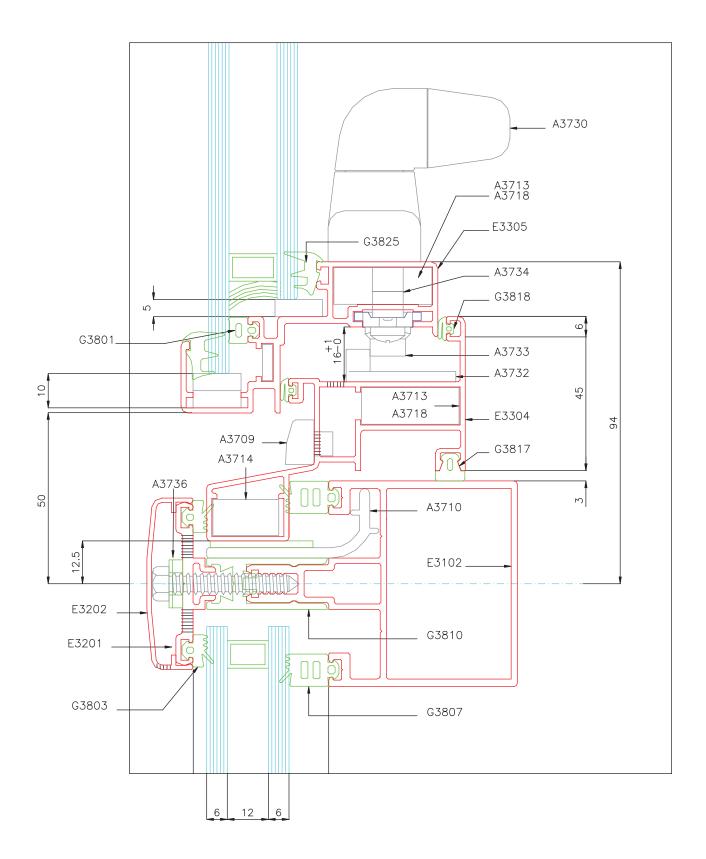
CONVENTIONAL HORIZONTAL SECTION THERMAL BREAK



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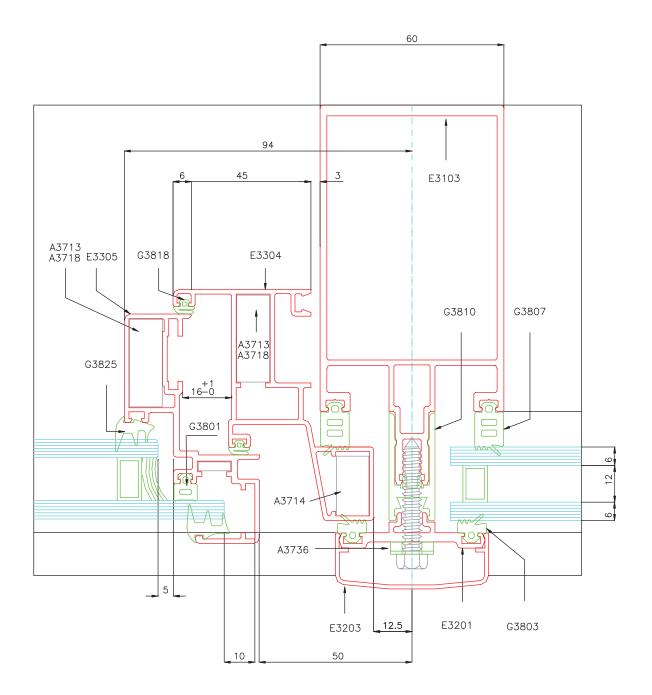
CONVENTIONAL WITH FRAMED GLASS INSERT VERTICAL SECTION WINDOWS



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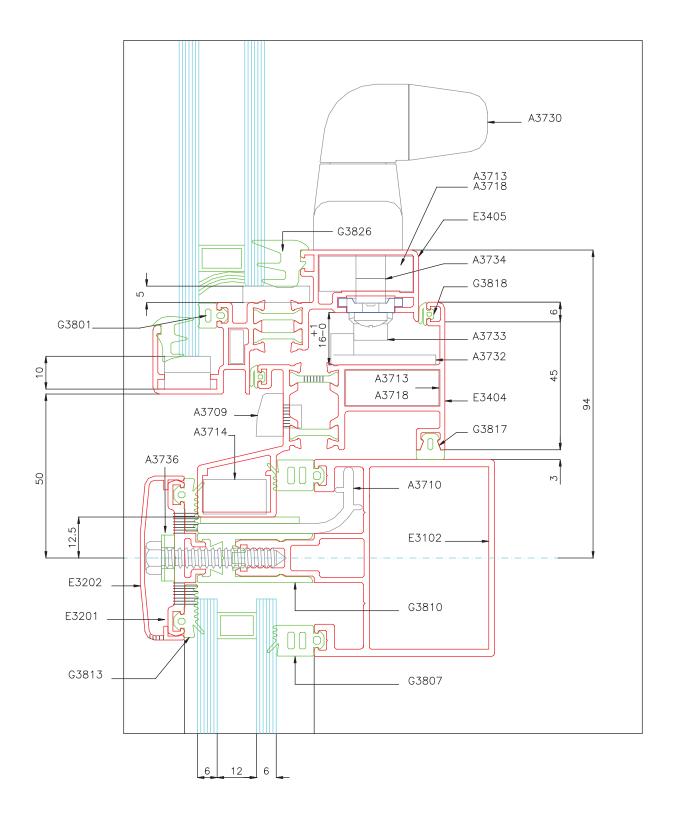
CONVENTIONAL WITH FRAMED GLASS INSERT HORIZONTAL SECTION



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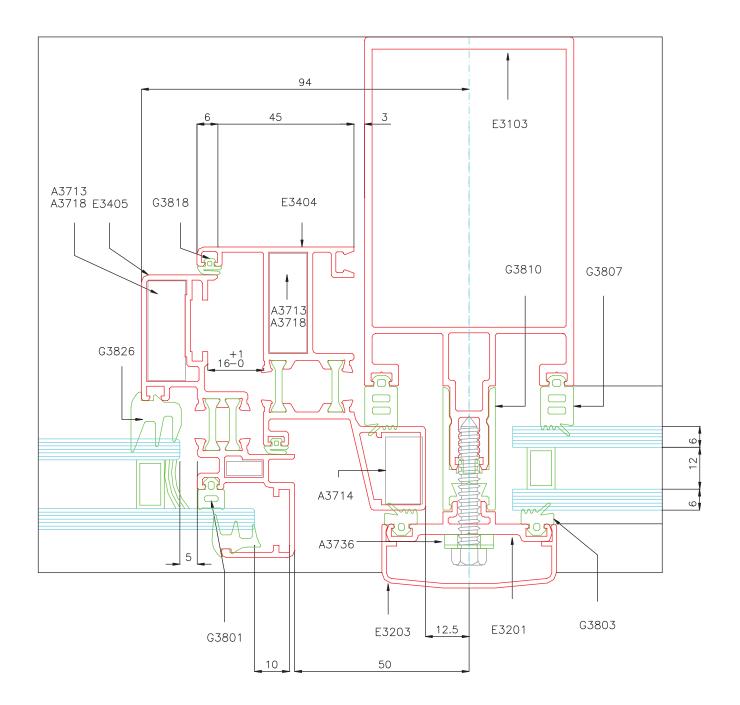
CONVENTIONAL WITH FRAMED GLASS INSERT - THERMAL BREAK VERTICAL SECTION WINDOWS



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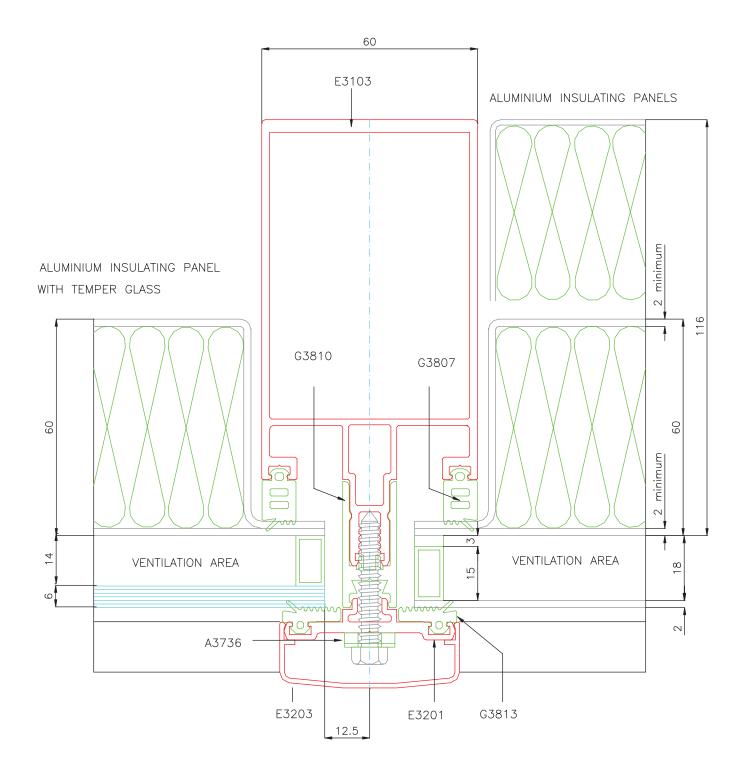
CONVENTIONAL WITH FRAMED GLASS INSERT - THERMAL BREAK HORIZONTAL SECTION



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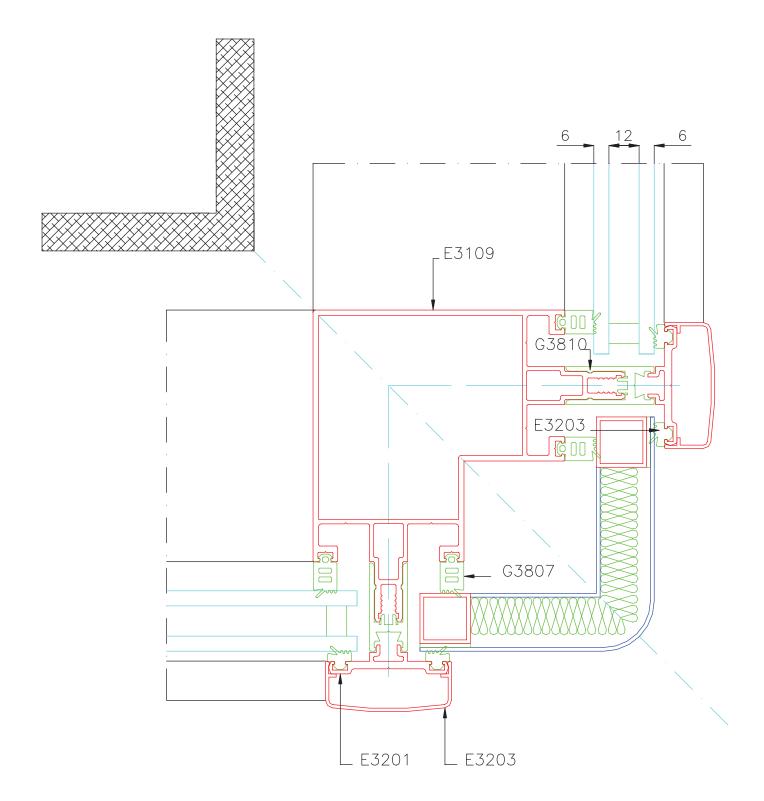
CONVENTIONAL HORIZONTAL SECTION FIX PANEL



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CONVENTIONAL HORIZONTAL SECTION EXTERNAL CORNER

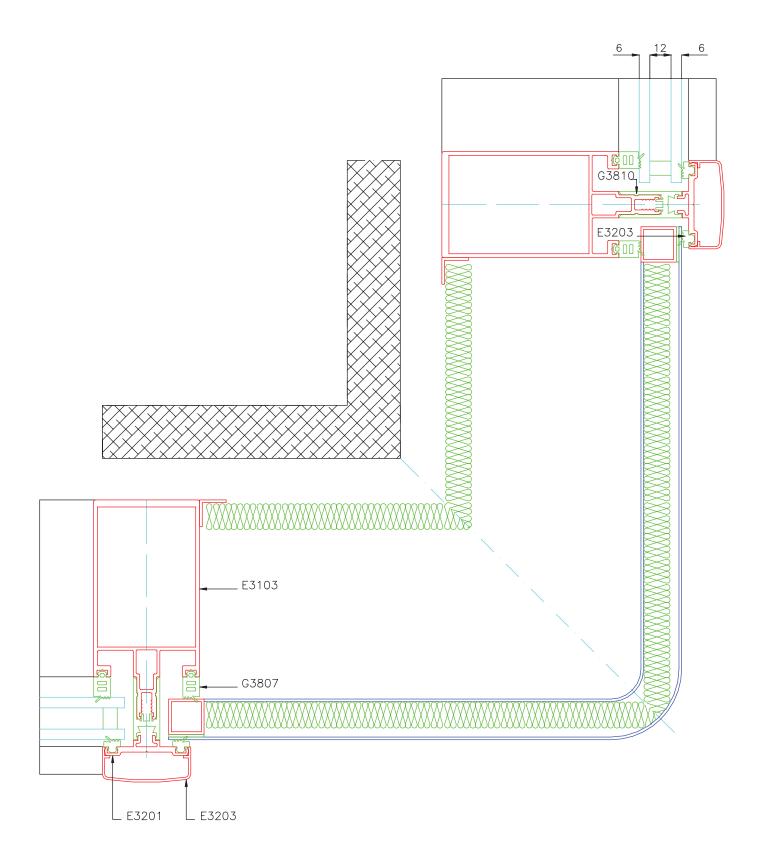


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System Balexco 60



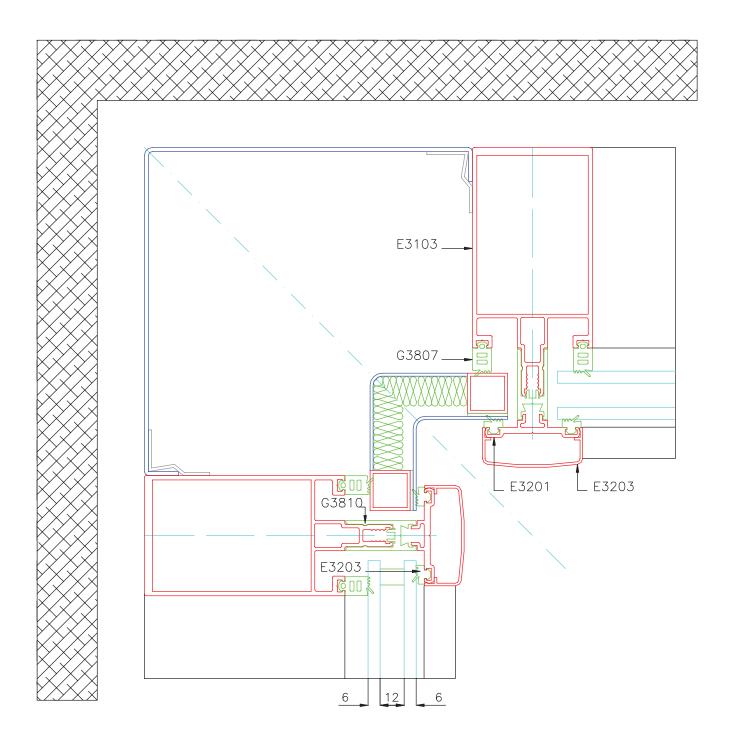
CONVENTIONAL HORIZONTAL SECTION EXTERNAL CORNER



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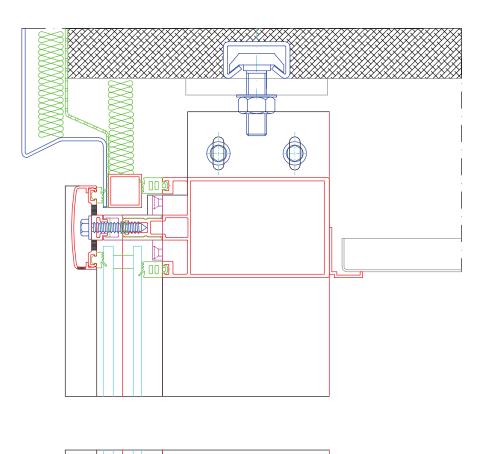
CONVENTIONAL HORIZONTAL SECTION INTERNAL CORNER

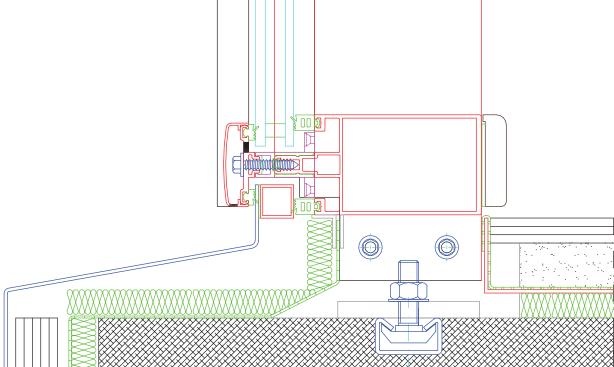


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CONVENTIONAL FIX ON WALL LOWER AND UPPER PART

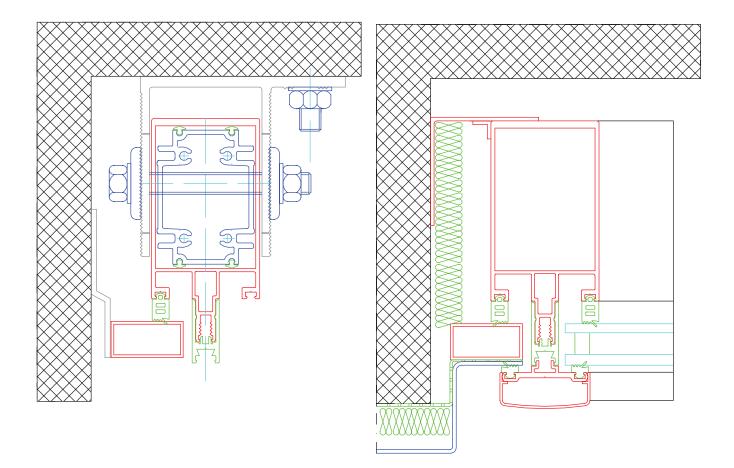




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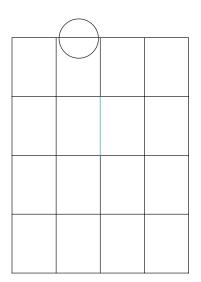
CONVENTIONAL HORIZONTAL SECTION FIX BRACKET

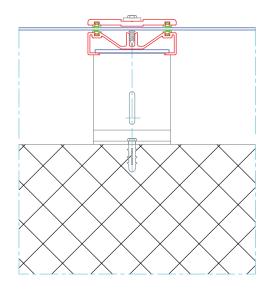


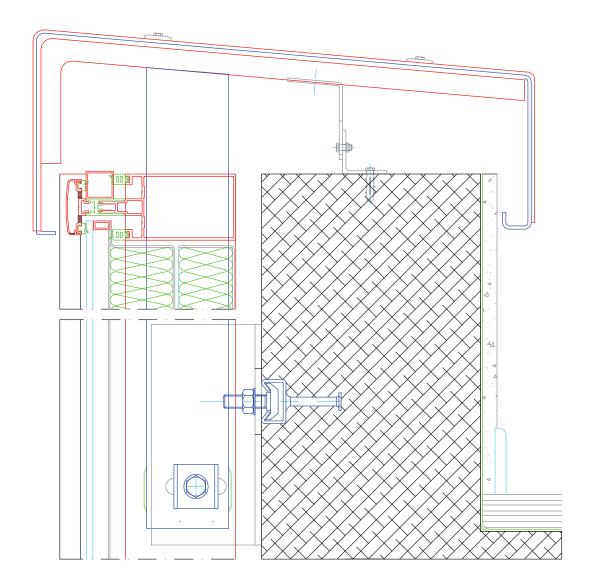
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CONVENTIONAL VERTICAL SECTION TOP ROOF



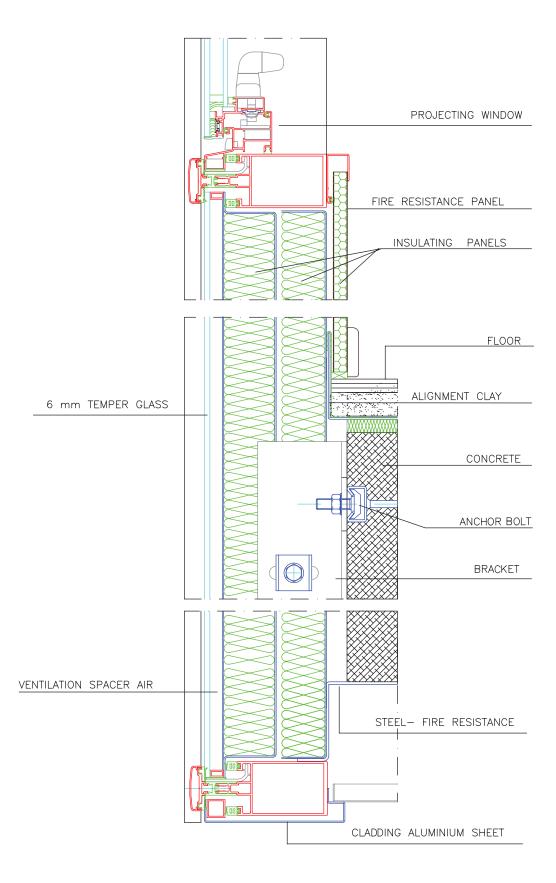




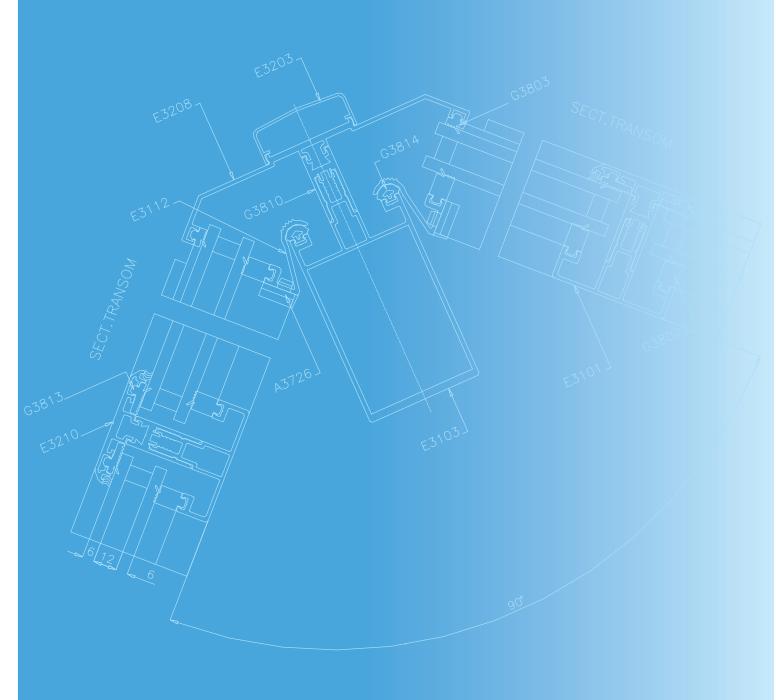
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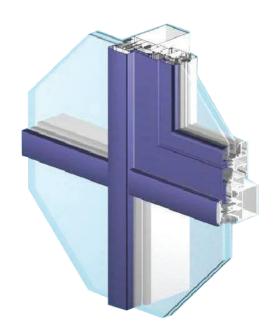


CONVENTIONAL SECTION ON SILL



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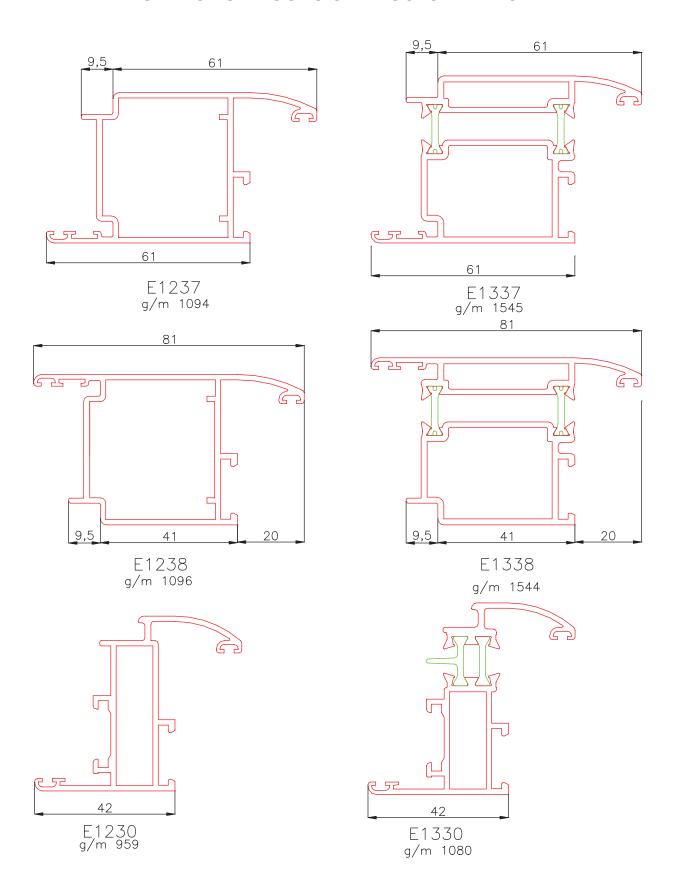


Conventional Curtain Wall Incorporated with Balexco 45, 45i Doors - Windows

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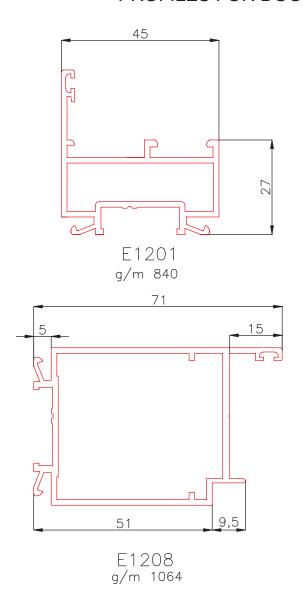
CONVENTIONAL PROFILES FOR DOORS OPEN OUTSIDE - INSIDE

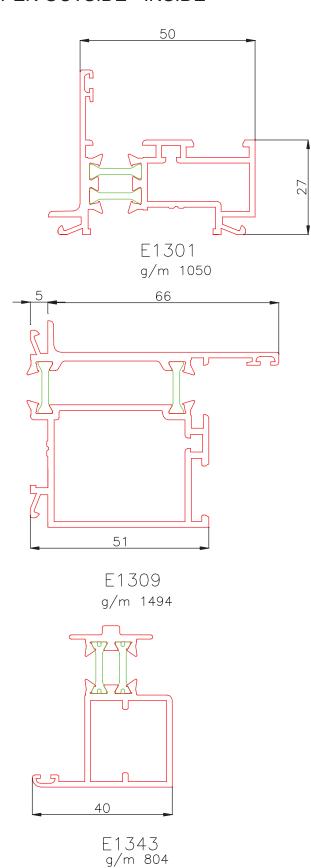


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CONVENTIONAL PROFILES FOR DOORS OPEN OUTSIDE - INSIDE

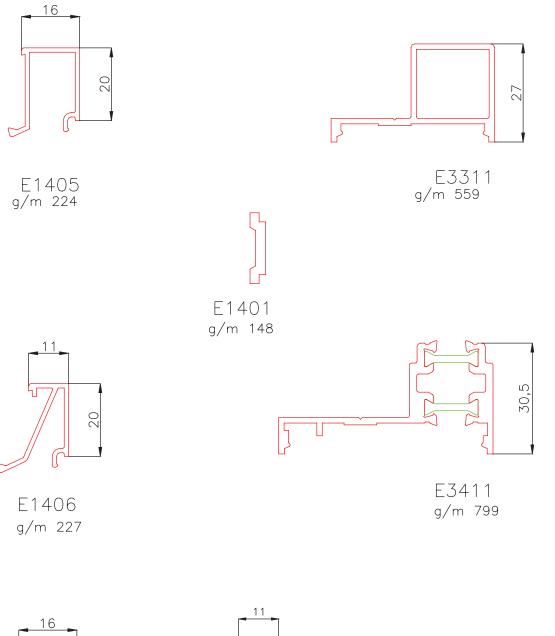


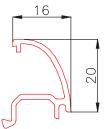


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CONVENTIONAL PROFILE FOR DOOR OPEN OUTSIDE - INSIDE

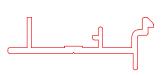




E1412 g/m 213



E1413 g/m 183

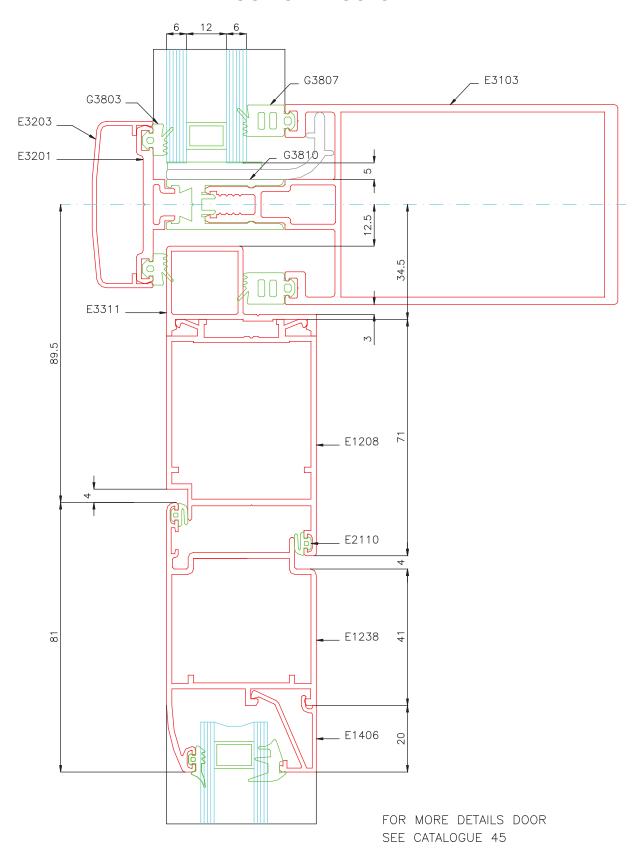


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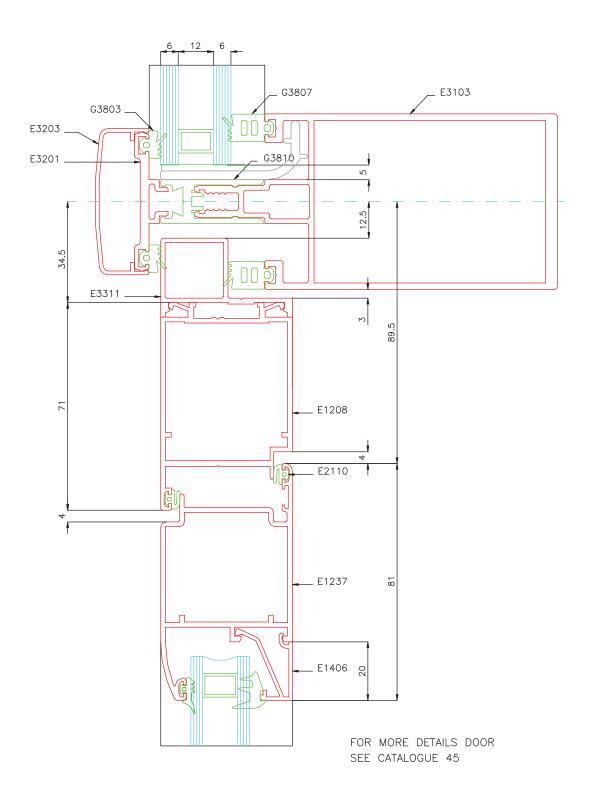
CONVENTIONAL DOOR OPEN OUTSIDE



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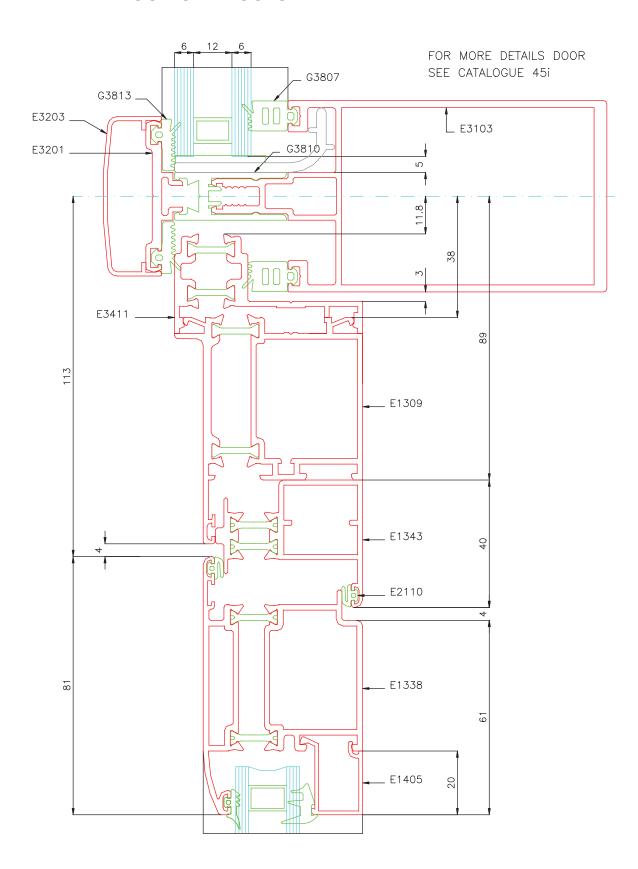
CONVENTIONAL DOOR OPEN INSIDE



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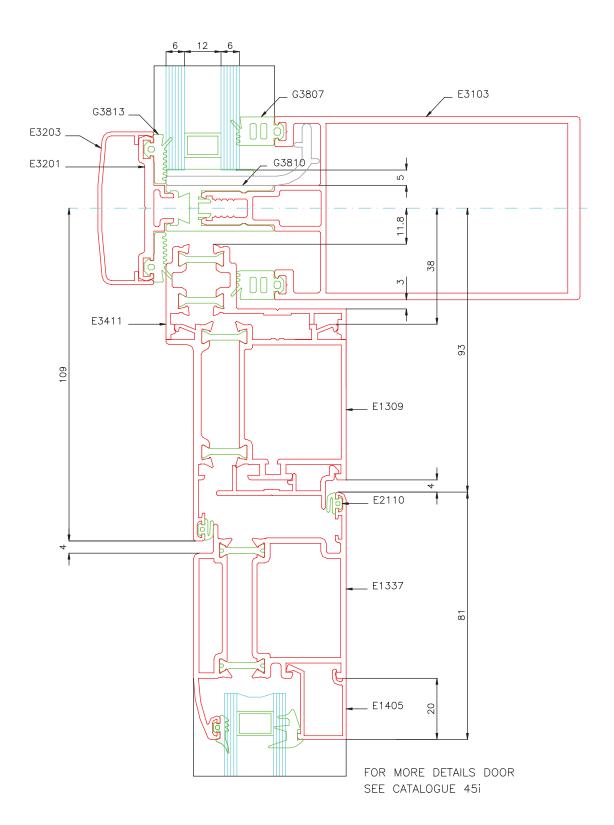
CONVENTIONAL DOOR OPEN OUTSIDE THERMAL BREAK



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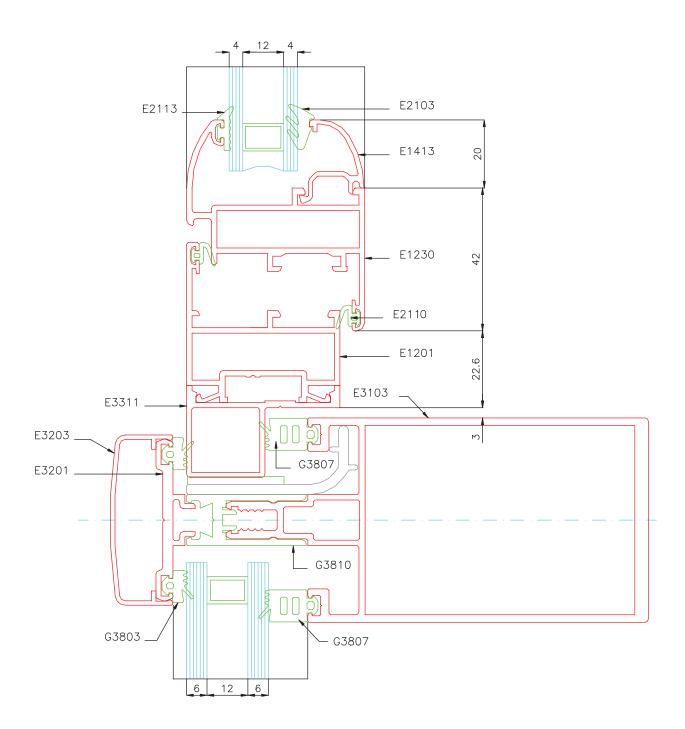
CONVENTIONAL DOOR OPEN INSIDE THERMAL BREAK



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WINDOWS OPEN INSIDE

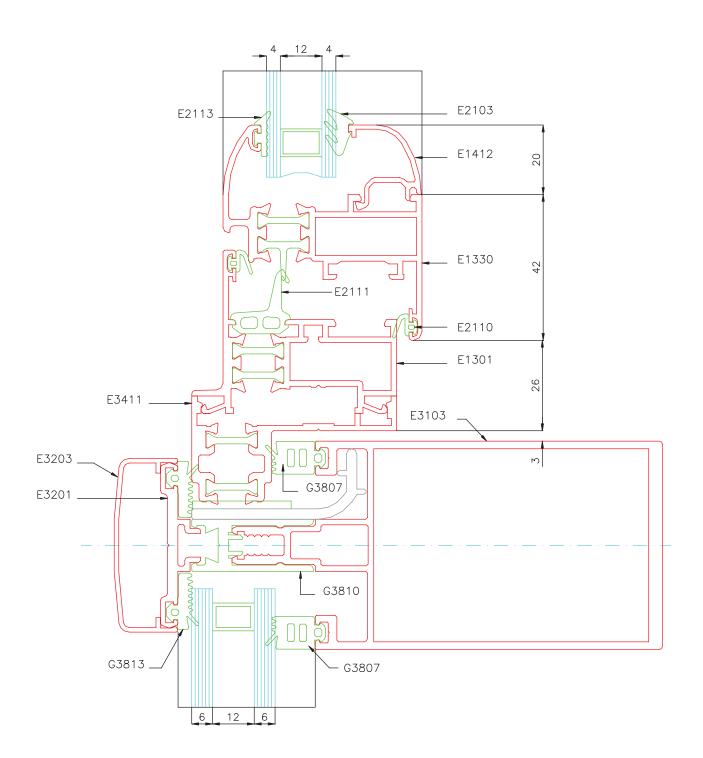


FOR MORE DETAILS DOOR SEE CATALOGUE 45

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WINDOWS OPEN INSIDE THERMAL BREAK



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