

Sliding Thermal Break-900

01-2017-V.02

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Sliding Thermal Break - 900

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GULF EXTRUSIONS

Gulf Extrusions Co. LLC, the flagship company of the Al Ghurair Group of Companies, was founded in 1976, Dubai, UAE where it has over the years earned the reputation known as one of the most innovative and reliable companies in the Middle East.

Located close to its raw material supplier Dubai Aluminium Company Ltd (DUBAL), the world's largest single smelter site, Gulf Extrusions has become one of the largest extrusion plants in the region.

Gulf Extrusions quality products can be seen in many of today's progressive structures. The company was formed with the sole purpose to meet the increasing demands for aluminium extrusions in domestic, regional and international markets.

Gulf Extrusions six presses and highly skilled workforce are able to produce 65,000 metric tonnes per annum with a rated capacity of 24,000 tonnes for powder coated finish, 6,000 tonnes for anodized finish and can offer more than 20,000 profile designs. These extrusions cover numerous industries ranging from architectural to transportation, engineering to structural sections, components for household items, HVAC and customized products.

During the progressive stages of Gulf Extrusions, from its inception to expansion, the company not only has acquired a majority share in the local market, it has also made its presence felt globally throughout the GCC countries, Indian sub -continent, South East Asia, Australia, Africa, Europe and Canada.

Our commitment and utmost priority is to provide customers with the finest quality of aluminium extrusions.

Gulf Extrusions looks ahead to inevitable challenges and product advancements of the new era.

Quality is an inseparable element of all activities carried out at Gulf Extrusions. Gulf Extrusions is dedicated to respond and deliver on time, high quality, tailor-made and cost effective products. The management and staff are committed to implement a comprehensive and integrated Quality Management System in accordance with the International Quality Standards of ISO 9001 and ISO 14001.

INTERNATIONAL STANDARD COMPLIANCE

Extrusions Dimensions Tolerances:

- BS EN 755 - 9:2008
- BS EN 12020 - 2:2008
- DIN 1748, DIN 17615
- ASTM B221

Powder Coated Finish:

- BS:6496 Clause: 10.4, 10.5, 10.6, 10.7 & 10.8
- ISO 2360 / 2813 / 2409 / 2931
- Minimum Film Thickness – 60 Microns

Anodizing Finish:

- BS EN 12373-1 2001 Clause 7 (BS:6161 Part 6)
- BS:3987 Clause 2, 3, 5, 6
- Appendix- A, B, C, D, E, F, G, H, J, K, L Minimum Film Thickness- 16 Microns



PRODUCT QUALITY CERTIFICATES



Qualicoat (European Powder Coaters Association):

- A quality label for coating on metal for Architectural Applications
- A product license under the control of EWAA (European Wrought Aluminium Association) in Zurich Switzerland



Qualanod (European Anodizers Association):

- A quality label organization to guarantee high quality Aluminium Anodizing.
- A product license under the control of EWAA (European Wrought Aluminum Association) in Zurich Switzerland



OHSAS

- OHSAS 18001



- SASO



- ESMA



Health & Safety Management:

- ISO 9001 (Quality Management System)



- ISO/TS 16949:2009 (Management System)



Environment:

- ISO 14001 (Environment Management System)



Membership in International Organization:

- AAC member (Aluminium Anodizers Council - USA)
- AEC member (Aluminum Extruders Council - USA)
- DIN EN 15088
- RoSPA's member



CHEMICAL COMPOSITIONS

ALLOY 6005A

Element	Minimum	Maximum
Si	0.50	0.90
Fe	-	0.35
Cu	-	0.30
Mn	-	0.50
Mg	0.40	0.70
Cr	-	0.30
Zn	-	0.20
Ti	-	0.10
Other Each	-	0.05
Other Total	-	0.15
Aluminium	Remainder	

ALLOY 6060

Element	Minimum	Maximum
Si	0.30	0.60
Fe	0.10	0.30
Cu	-	0.10
Mn	-	0.10
Mg	0.35	0.60
Cr	-	0.05
Zn	-	0.15
Ti	-	0.10
Other Each	-	0.05
Other Total	-	0.15
Aluminium	Remainder	

ALLOY 6063

Element	Minimum	Maximum
Si	0.20	0.60
Fe	-	0.35
Cu	-	0.10
Mn	-	0.10
Mg	0.45	0.90
Cr	-	0.10
Zn	-	0.10
Ti	-	0.10
Other Each	-	0.05
Other Total	-	0.15
Aluminium	Remainder	

ALLOY 6082

Element	Minimum	Maximum
Si	0.70	1.30
Fe	-	0.50
Cu	-	0.10
Mn	0.40	1.00
Mg	0.60	1.20
Cr	0.04	0.15
Zn	-	0.20
Ti	-	0.10
Other Each	-	0.05
Other Total	-	0.15
Aluminium	Remainder	

ALLOY 6061

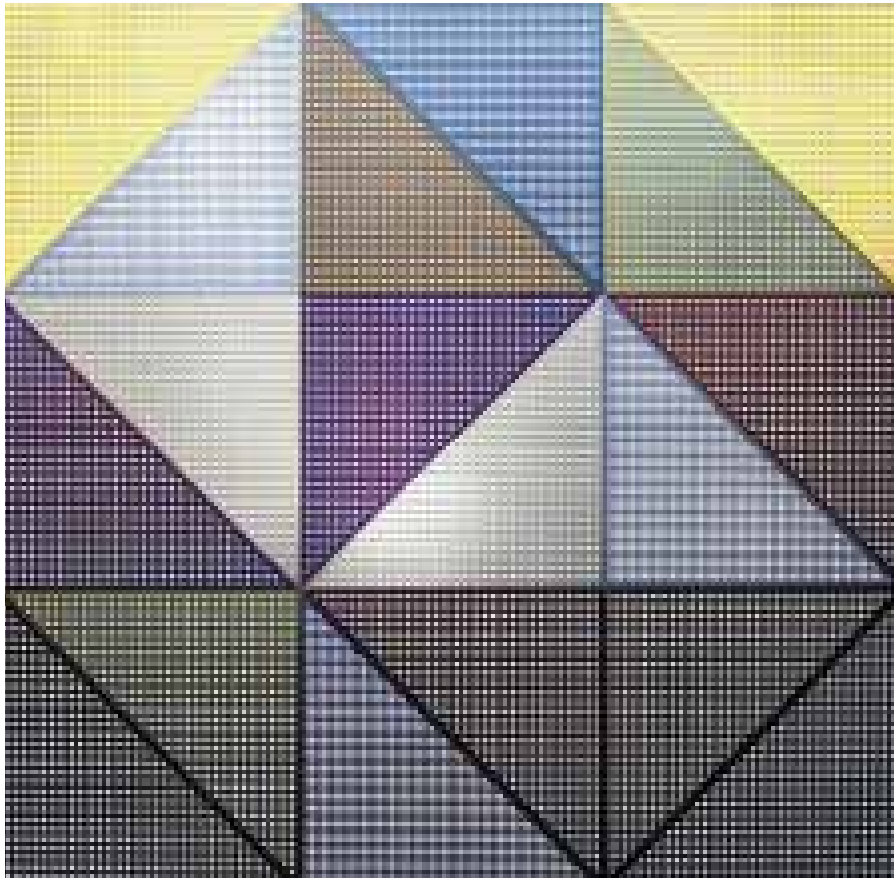
Element	Minimum	Maximum
Si	0.40	0.80
Fe	-	0.70
Cu	0.15	0.40
Mn	-	0.15
Mg	0.8	1.20
Cr	0.04	0.35
Zn	-	0.25
Ti	-	0.15
Other Each	-	0.05
Other Total	-	0.15
Aluminium	Remainder	

ANODIZING

A wide range of anodizing treatment options are possible for the aluminium profile sections of this system. The color choices from Gulf Extrusions range from Natural, Gold, and Bronze to Spectro colors (Red, Blue, Green, and Gray).

This surface treatment process involves first pre-treatment with scotch brite brushing for the unfinished profiles, and then subsequently fully immersing the aluminium profiles in an acidic electrolyte solution through which electric current is passed creating an anodic film on the profiles ranging from 5-30MICs.

The process is guaranteed and certified for use by QUALANOD - A quality label Organization to guarantee high quality aluminium anodizing and the company's ISO 9001 certification.



Authorization to use the quality sign



This is to certify that

GULF EXTRUSIONS CO. LLC

P.O. BOX 5598
AE – Dubai

Licence number: 2000

is authorized to use the quality sign which is shown above, according to the regulations for the use of the quality label for ARCHITECTURAL ANODIZING as described in the current edition of the Specifications for the QUALANOD quality label for sulfuric acid-based anodizing of aluminium (Edition 01.07.2010).

Date of issue of the licence: 10.03.2000
Period of validity of the licence: until 31.12.2017

Zurich, 15 November 2016

QUALANOD

José Arenas
President

CERTIFICATION BODY

Josef Schoppig
AC-Fiduciaire SA



Mailing address:
QUALANOD, P.O. Box 1507, CH-8027 Zurich
Domicile:
QUALANOD c/o AC-Fiduciaire SA, Tödistrasse 47, CH-8002 Zurich

Phone: +41 (0)43 305 09 70
Fax: +41 (0)43 305 09 98
E-mail: info@qualanod.net
Internet: www.qualanod.net

POWDER COATING

- Horizontal & Vertical Powder coating lines with an Annual Capacity of 24 000 MT
Powder Coating BS: 6496 Clause: 10.4, 10.5, 10.6, 10.7, & 10.8
ISO 2360/2813/2409/2931
Minimum Film Thickness - 60 Microns

A wide choice of colors for powder coating can be used for the aluminium profile sections.

From Gulf Extrusions the following powder types are available

- Polyester Façade (PE-F)
- Super Durable Façade (SDF) & Hyper Durable Façade (HDF) (Where SDF & HDF are equivalent to Poly-Vinylidene DiFluoride (PVDF) in terms of corrosion performance)
- Anti Bacterial (recommended to be used in Hospitals)
- Anti Static (recommended for laboratories, electronics assembly buildings) and Heat Resistant in nature.

This surface treatment process involves the following pre-treatment

1. Degreasing
2. Washing
3. Etching
4. Washing
5. Chromatising
6. Double washing in dematerialized water

Once completed, powder is applied using an electrostatic spraying process with charged powder particles, followed by curing in an oven under a controlled temperature of 180-200C for paint polymerization where the paint layer is at least 60mic.

This whole process is certified for use from QUALICOAT - A quality label for coating on metal for Architectural Applications.

GUARANTEE PERIOD:
10 years for PE-F Quality
25 years for PE-SDF

Authorization to use the quality sign



This is to certify that

GULF EXTRUSIONS CO. LLC

P.O. BOX 5598
AE – Dubai

Licence number: 1901

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: 15.03.2000
Period of validity of the licence: until 31.12.2017

Zurich, 15 November 2016

QUALICOAT

Mohammed C. Panam
President

CERTIFICATION BODY

Josef Schoppig
AC-Fiduciaire SA



Mailing address:
QUALICOAT, P.O. Box 1507, CH-8027 Zurich
Domicile:
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Phone: 70/79
Fax: +41 (0)43 305 09 98
E-mail: info@qualicoat.net
Internet: www.qualicoat.net

INTRODUCTION TO THE SYSTEM

The 900 Thermal Break Sliding System is designed for heavy duty use (H-HC40) according to the American National Standard. The results have been impressive and apply to energy conservation, sound reduction, water & dust proofing.

The 900 Thermal Break with 24mm glass-fiber reinforced polyamide insulation has the sought after properties of high thermal resistance, rigidity hardness and strength.

The importance of thermal conductivity in the aluminium frame becomes apparent when one considers that the frame accounts for an average of 25% of the total window surface.

The System consists of a single frame and sash profile that will be used on all four sides, with snap on track-clips. The 16mm polyamide strips are introduced into the frame and sash profiles and then externally crimped using special tooling. The compressive test of the crimped profile is tested to ensure maximum strength.

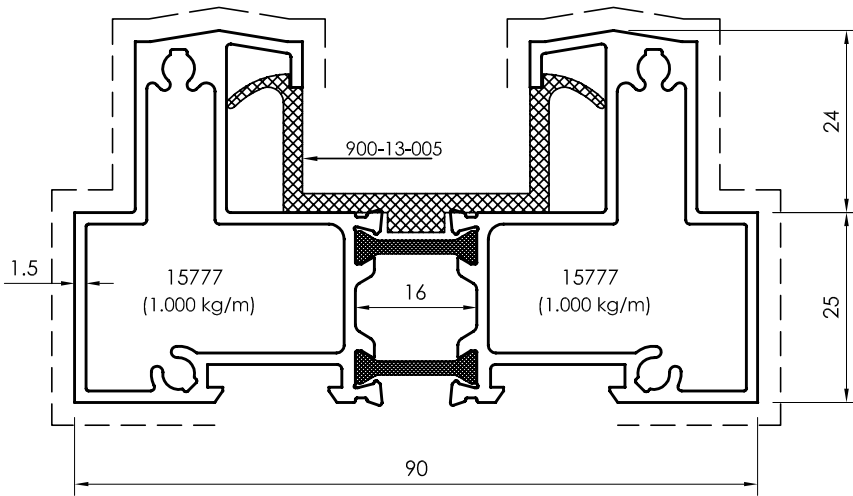
The System covers two, three and four sashes including profiles for top and bottom fixed lights. Special lids have been designed to cover the frame tracks at the area where the sliding shutter is fixed.

In order to meet the needs of today's architects, window and door systems must be provided in a variety of colours. This system has the special advantage of permitting subsequent application of all presently known surfaces suitable for use with aluminium either before or after the thermal break strips have been assembled.

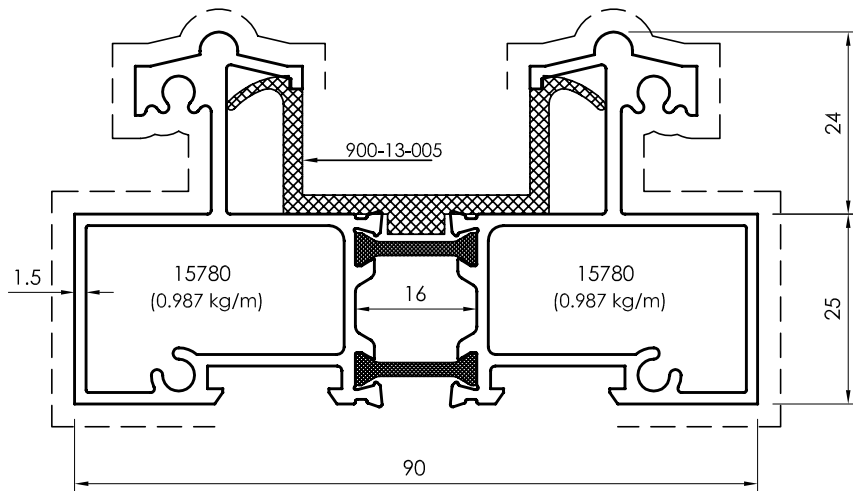
For better performance of the system, alignment cleats for the frame and shutter are used. Durable weather sealing mastic is a must at all joints. Specially designed EPDM gaskets are made available with the system to enhance the performance and create easy assembly. Other accessories such as roller & flush handles come as part of the system.

PROFILES

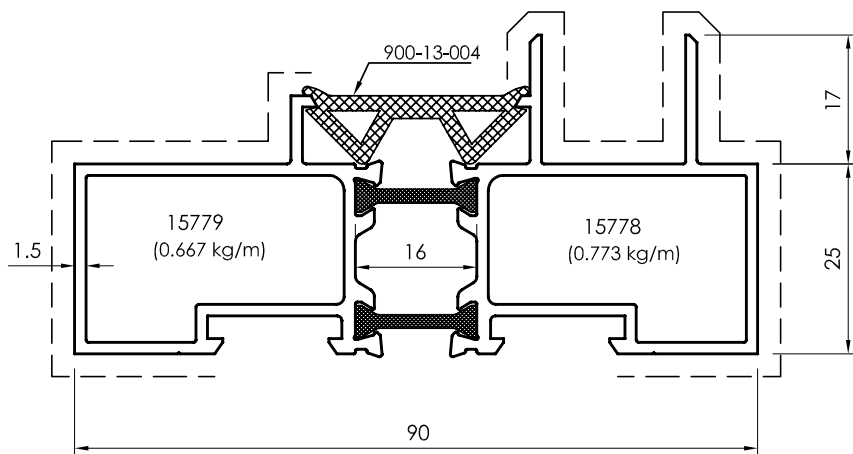
Frame Profiles



20100
(2.000 kg/m)
WINDOW TOP FRAME
(WITHOUT FLYSCREEN)



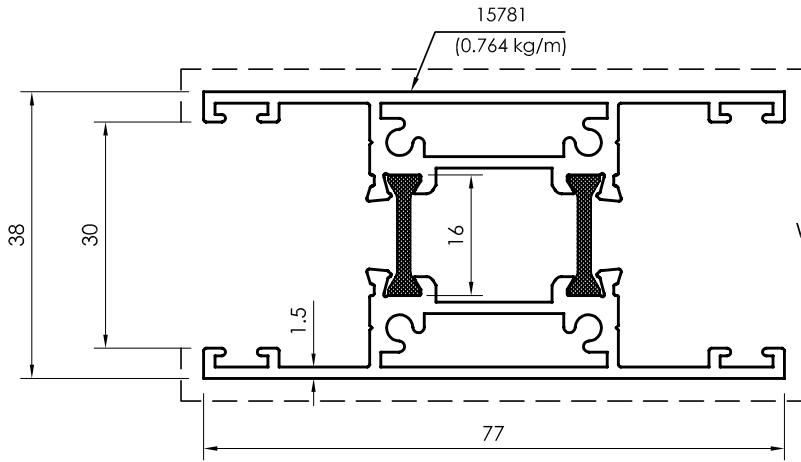
20101
(1.974 kg/m)
WINDOW BOTTOM FRAME
(WITHOUT FLYSCREEN)



20102
(1.440 kg/m)
WINDOW SIDE FRAME
(WITHOUT FLYSCREEN)

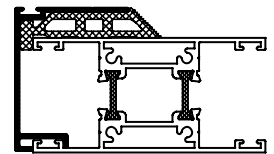
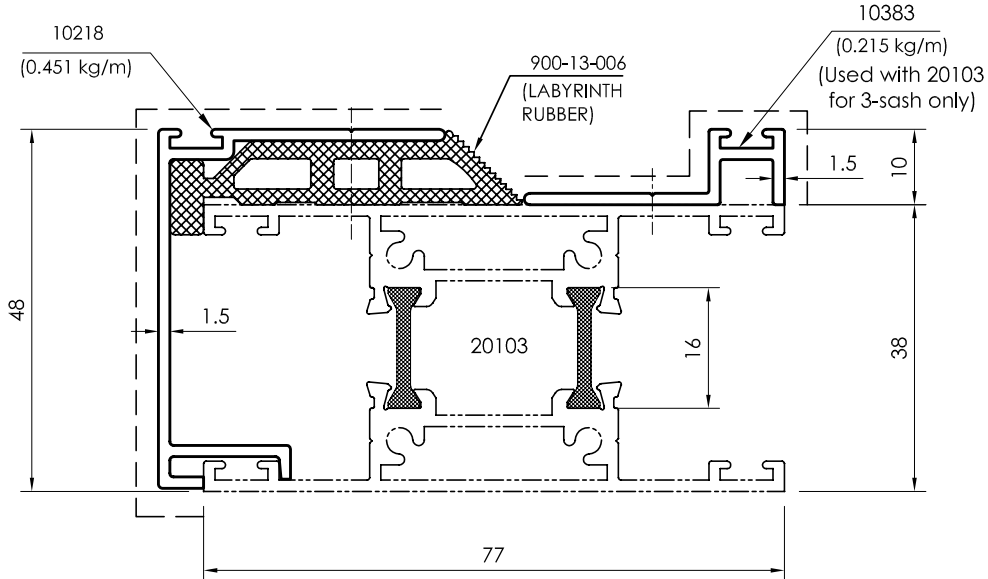
All dimensions in mm
Visible area_____

Sash Profiles

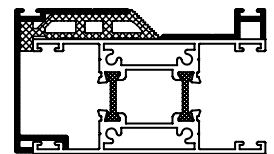


20103
(1.528 kg/m)

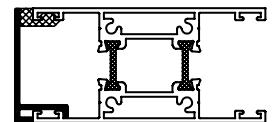
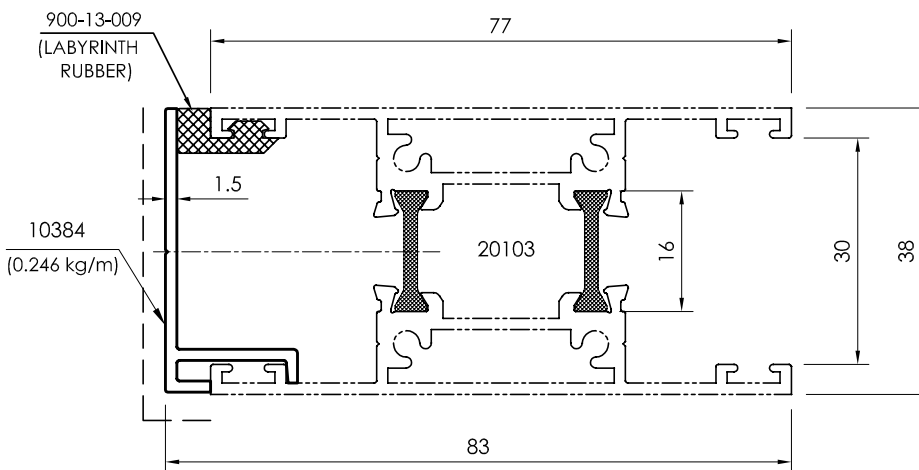
WINDOW / DOOR SASH PROFILE
(Suitable for 22 - 24mm
Thick Insulated Glass)



900-IL-001
(1.979 kg/m)



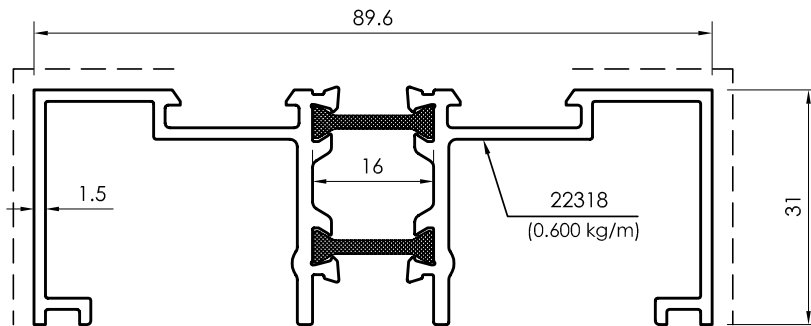
900-IL-002
(2.194 kg/m)



900-IL-003
(1.774 kg/m)

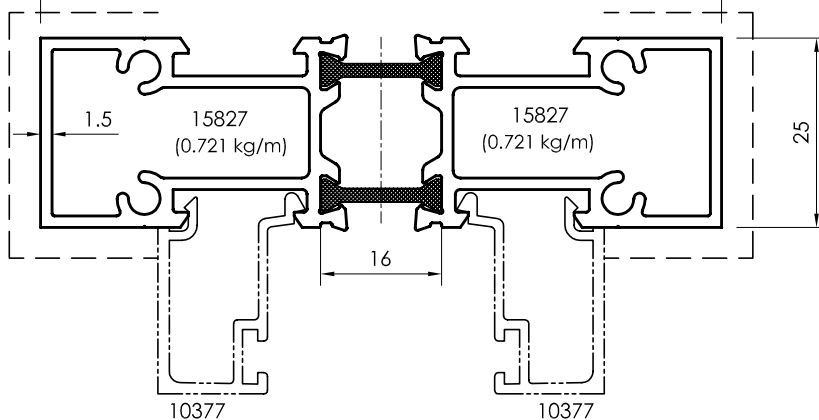
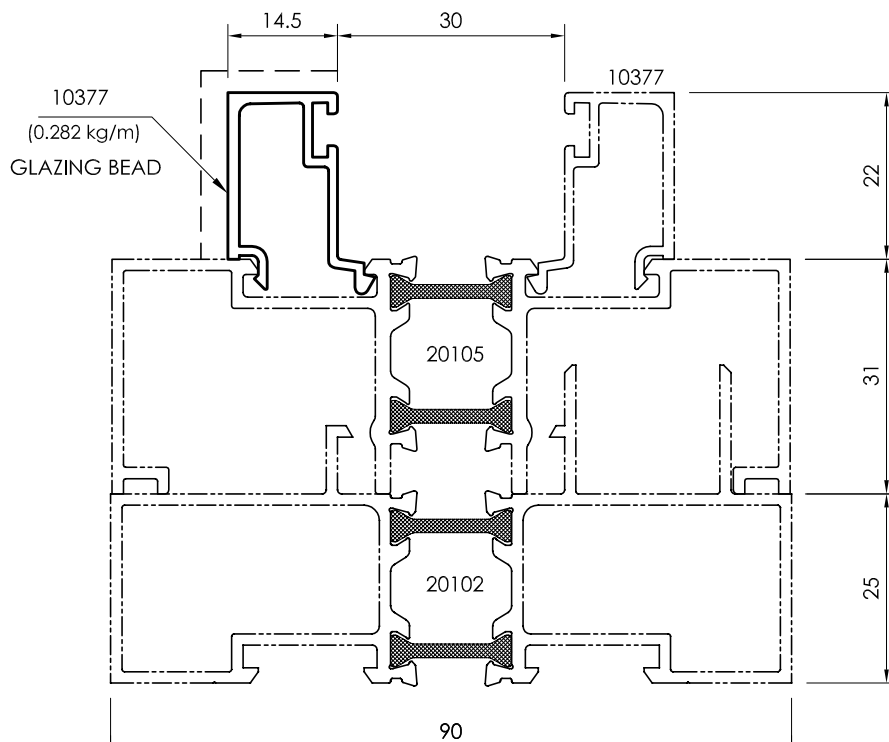
All dimensions in mm
----- Visible area

Complementary Profiles



20105
(1.200 kg/m)

FIX ADAPTOR
(Used when the side frame
namely 20102 & the top fixed
are in one continuous line)

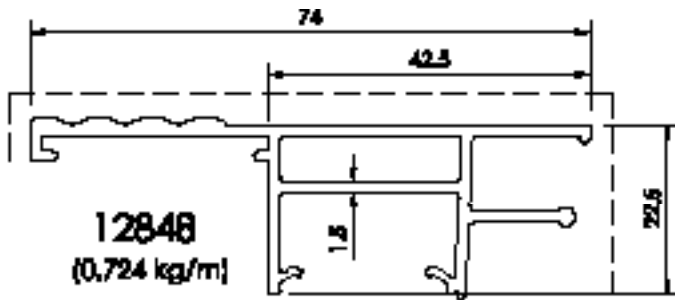


20104
(1.442 kg/m)

T - PROFILE
(Also used when the top &
side fix light is required)

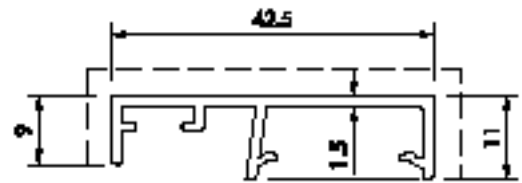
All dimensions in mm
Visible area.....

Complementary Profiles



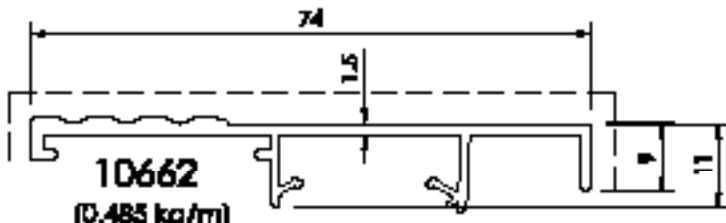
12848
(0.724 kg/m)

[Architrave profile with inside flyscreen
- To be clipped on to profile 09128 , after
screwing 09128 on to frame profiles.]



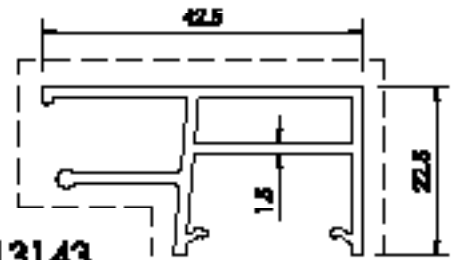
10299
(0.304 kg/m)

FRAME END CLOSURE
(To cover the end portion
of the top, bottom & side from view.
To be clipped on to profile 09128,
after screwing 09128 on to
frame profiles.)



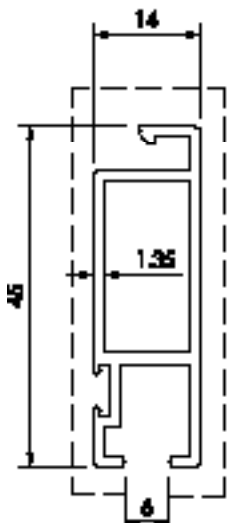
10662
(0.485 kg/m)

[Architrave profile without flyscreen
- To be clipped on to profile 09128 , after
screwing 09128 on to frame profiles.]

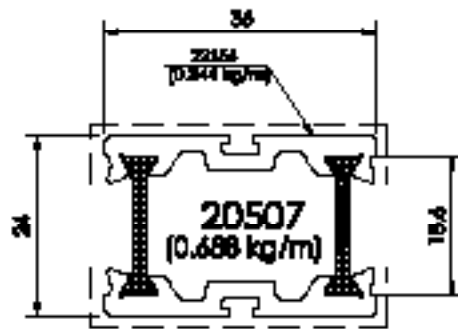


13143
(0.517 kg/m)

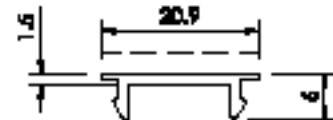
FRAME END CLOSURE
with outside flyscreen
(To cover the end portion
of the top, bottom & side from view.
To be clipped on to profile 09128,
after screwing 09128 on to frame profiles.)



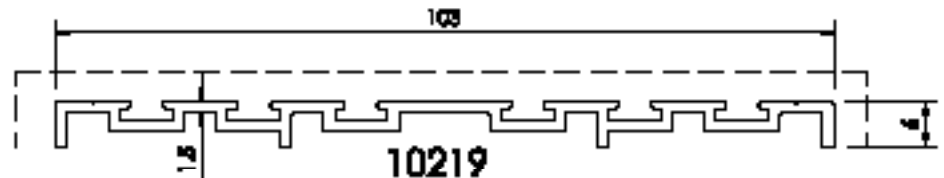
12745
(0.457 kg/m)
FLYSCREEN PROFILE
(with side brush provision)



20507
(0.688 kg/m)
CONNECTOR
(To snap with gash 20108
when there are 4-ashes)



09128
(0.122 kg/m)
CLIP PROFILE
(To be screwed on to the frame profile
in length of 100mm to accommodate
profiles 12848 / 10299 / 10662 & 13143)

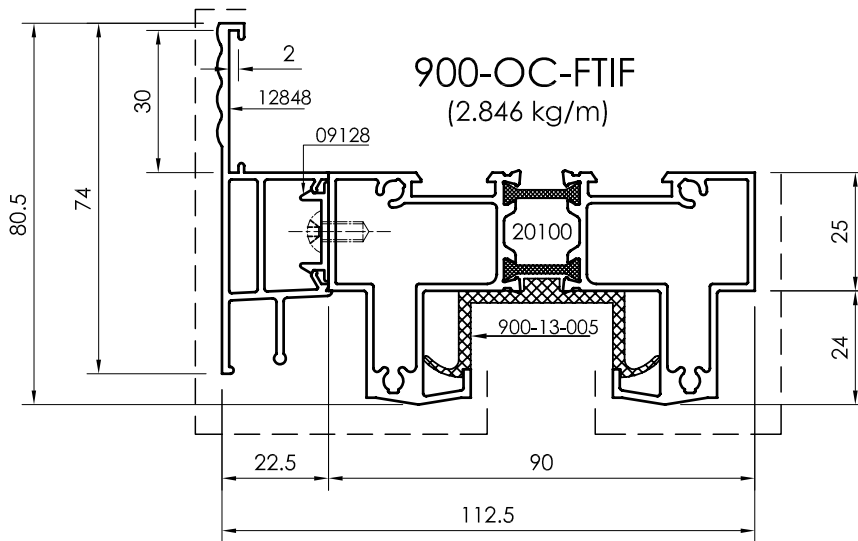


10219
(0.633 kg/m)
DUST PROOF PROFILE
(To be fixed at the top & bottom area of the frame
profiles, where the two interlock profiles meet.
Cut in 30mm length - use 7.5mm & 4.5mm high
brushes where grooves are provided)

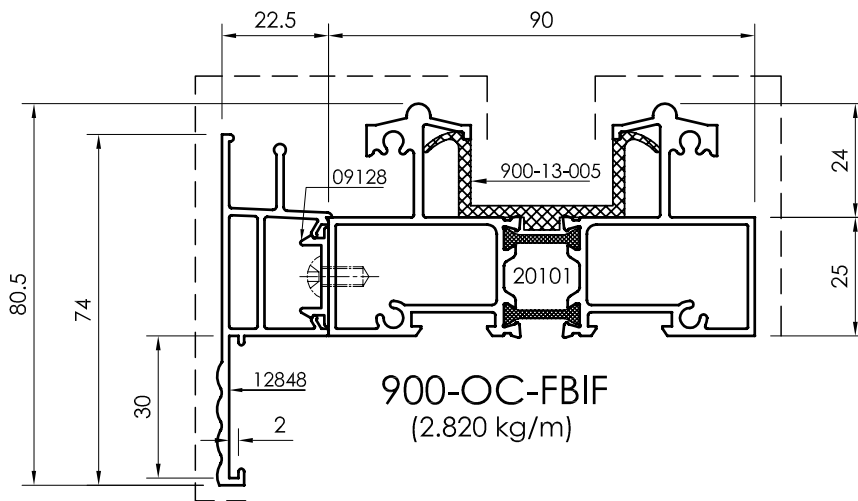
All dimensions in mm
----- Visible area

Frame Profiles

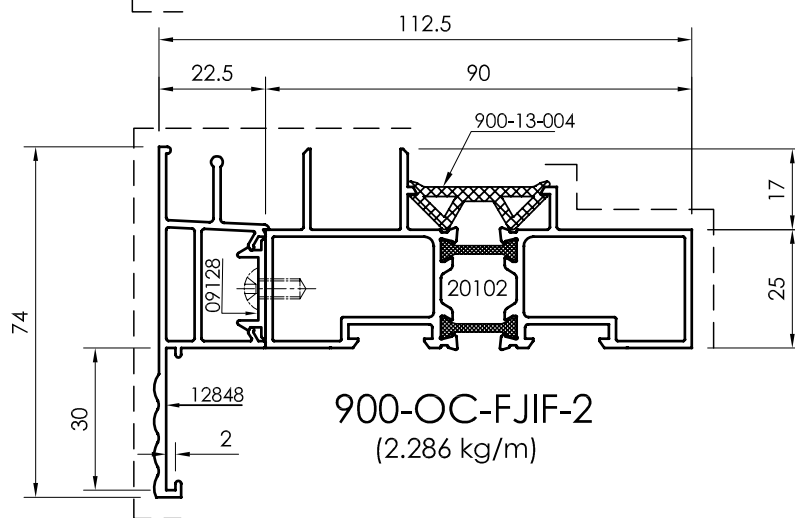
with inside flyscreen without frame enclosure



900-OC-FTIF (Profiles)	
Shape	Section No.
	20100
	12848
	09128



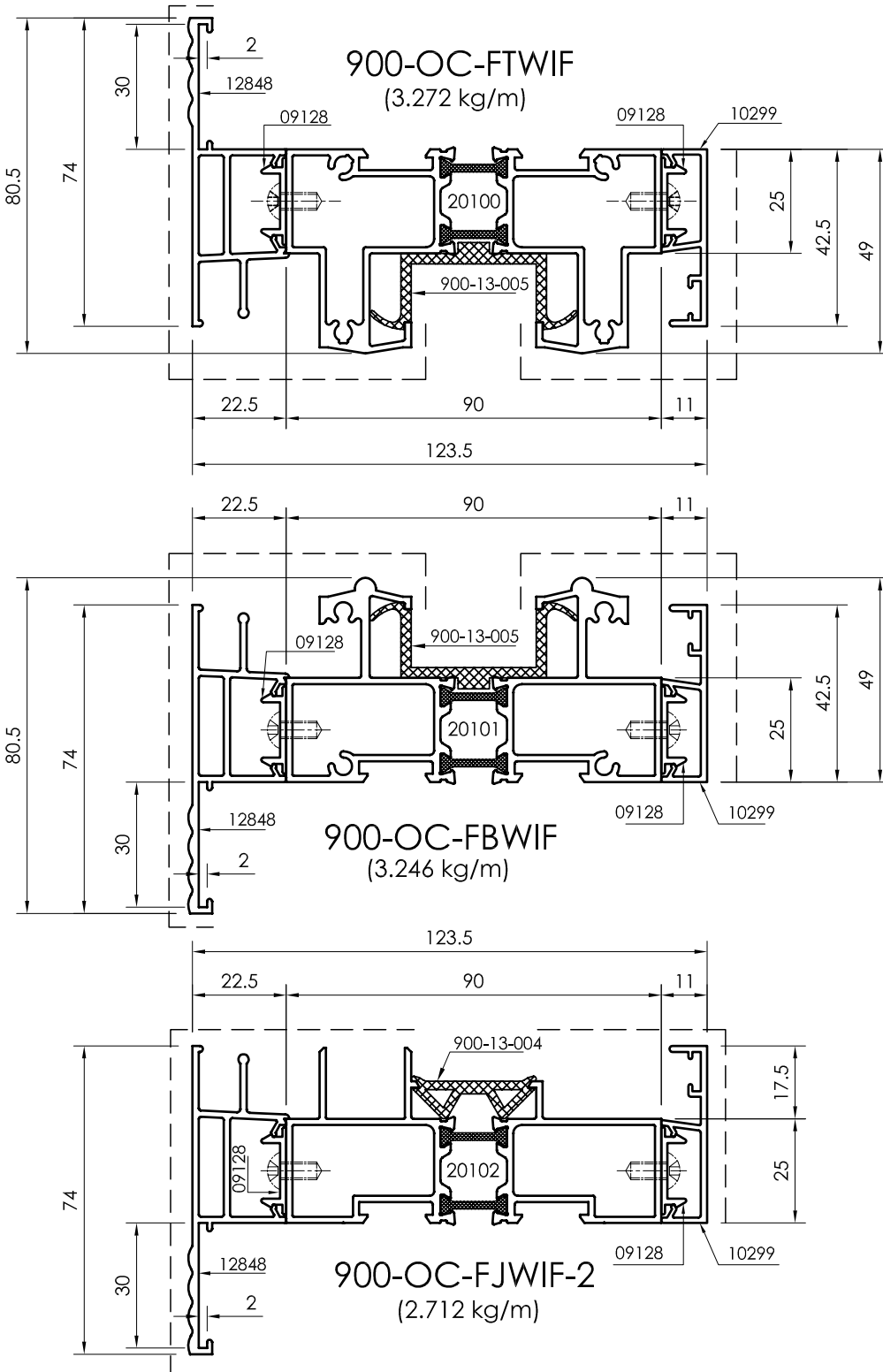
900-OC-FBIF (Profiles)	
Shape	Section No.
	20101
	12848
	09128



	20102
	12848
	09128

Not to Scale
All dimensions in mm
Visible area_____

Frame Profiles
with inside flyscreen



900-OC-FTWIF (Profiles)	
Shape	Section No.
	20100
	12848
	09128
	10299

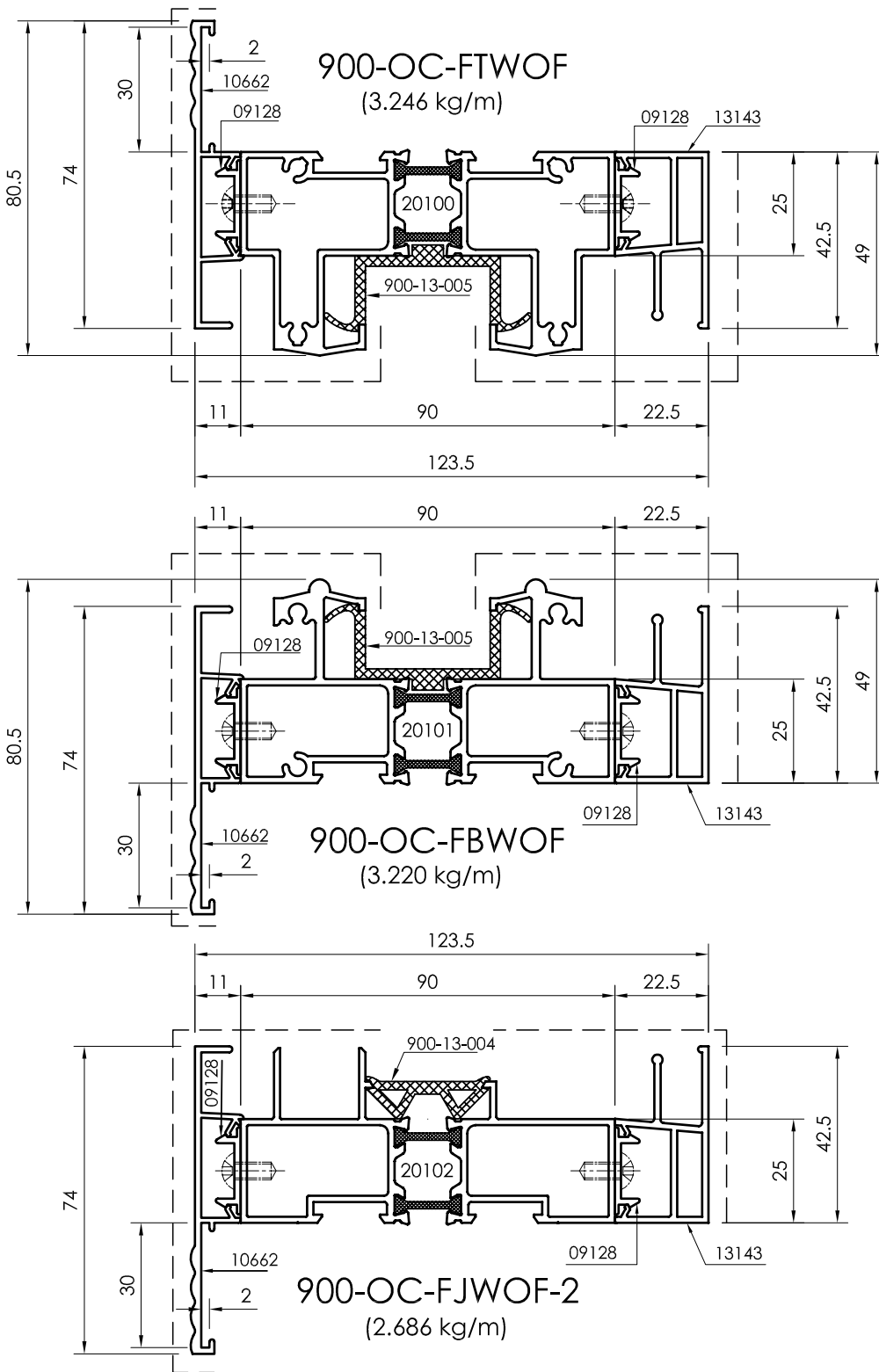
900-OC-FBWIF (Profiles)	
Shape	Section No.
	20101
	12848
	09128
	10299

900-OC-FJWIF-1 (Profiles)	
900-OC-FJWIF-2 (Profiles)	
Shape	Section No.
	20102
	12848
	09128
	10299

Not to scale
All dimensions in mm
----- Visible area

Not to Scale
All dimensions in mm
----- Visible area

Frame Profiles
with outside flyscreen



900-OC-FTWOF (Profiles)	
Shape	Section No.
	20100
	10662
	09128
	13143

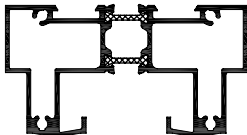
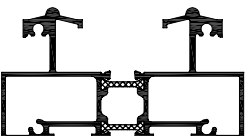
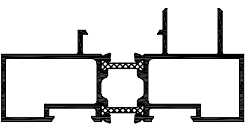
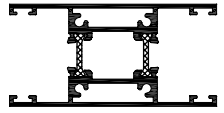
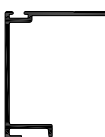


900-OC-FBWOF (Profiles)	
Shape	Section No.
	20101
	10662
	09128
	13143








900-OC-FJWOF-1 (Profiles)	
900-OC-FJWOF-2 (Profiles)	
Shape	Section No.
	20102
	10662
	09128
	13143

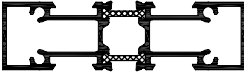
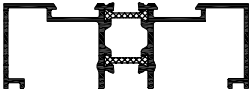

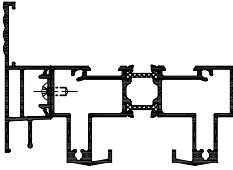
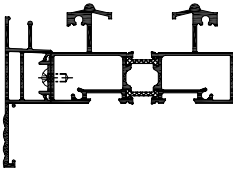
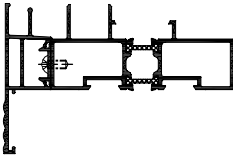
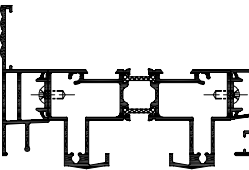
Not to scale
All dimensions in mm
----- Visible area

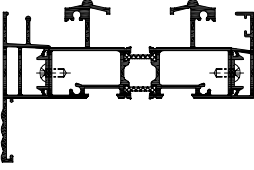
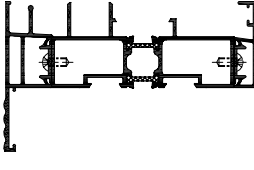
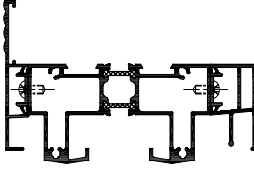
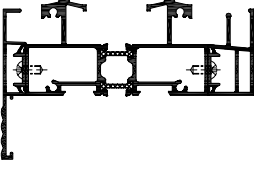
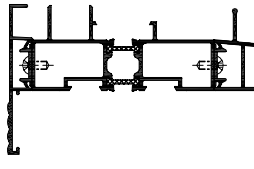

Not to Scale
All dimensions in mm
Visible area-----

PROFILE LIST

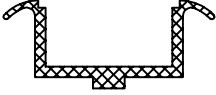


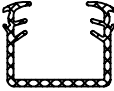



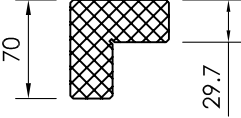
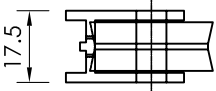
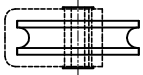
Profile Reference	Child Profile	Profile Section	Page	Weight KG/M	IX cm ⁴	IY cm ⁴	WX cm ³	WY cm ³
20100	15777 + 15777		12	2.000	19.413	56.785	7.367	12.619
20101	15780 + 15780		12	1.974	17.907	55.091	6.617	12.242
20102	15779 + 15778		12	1.440	6.366	37.661	2.375	7.988
20103	15781 + 15781		13	1.528	11.806	20.131	6.214	5.229
10218	--		13	0.451	5.562	1.809	1.999	0.622
10384	--		13	0.246	0.252	1.154	0.187	0.471
10383	--		13	0.215	0.080	0.824	0.122	0.381

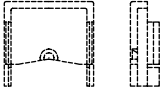




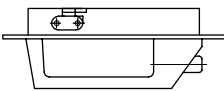




Profile Reference	Child Profile	Profile Section	Page	Weight KG/M	IX cm ⁴	IY cm ⁴	WX cm ³	WY cm ³
12848	--		15	0.724	1.136	10.679	0.661	2.648
10299	--		15	0.304	0.105	2.181	0.131	1.016
09128	--		15	0.122	0.010	0.164	0.023	0.157
10662	--		15	0.485	0.151	9.16	0.158	2.470
13143	--		15	0.517	0.806	3.051	0.550	1.250
12745	--		15	0.457	0.503	3.191	0.679	1.414
10219	--		15	0.633	0.047	22.115	0.120	4.294

Profile Reference	Child Profile	Profile Section	Page	Weight KG/M	IX cm ⁴	IY cm ⁴	WX cm ³	WY cm ³
20104	15827 + 15827		14	1.442	3.983	40.182	3.087	8.929
20105	22318 + 22318		14	1.200	4.166	32.850	2.228	7.333
10377	--		14	0.282	0.742	0.385	0.488	0.327
900-OC-FTIF	20100 + 09128 + 12848		16	2.846	34.128	134.861	6.815	21.354
900-OC-FBIF	20101 + 09128 + 12848		16	2.820	32.229	133.24	6.499	21.109
900-OC-FJIF-2	20102 + 09128 + 12848		16	2.286	17.921	102.801	4.030	14.924
900-OC-FTWIF	20100 + 09128 + 12848 + 10299		17	3.272	36.721	199.85	7.324	30.756

Profile Reference	Child Profile	Profile Section	Page	Weight KG/M	IX cm ⁴	IY cm ⁴	WX cm ³	WY cm ³
900-OC-FBWIF	20101 + 09128 + 12848 + 10299		17	3.246	34.831	198.17	7.006	30.505
900-OC-FJWIF-2	20102 + 09128 + 12848 + 10299		17	2.712	20.989	176.56	4.620	25.992
900-OC-FTWOF	20100 + 09128 + 10662 + 13143		18	3.246	36.469	195.97	7.291	29.697
900-OC-FBWOFF	20101 + 09128 + 10662 + 13143		18	3.220	34.567	194.27	6.970	29.439
900-OC-FJWOFF-2	20102 + 09128 + 10662 + 13143		18	2.686	20.583	177.3	4.550	26.538
20507	22156 + 22156		15	0.688	2.473	3.060	2.061	1.70

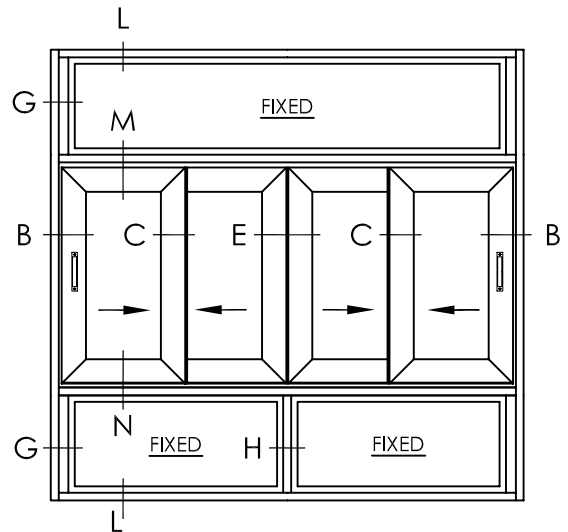
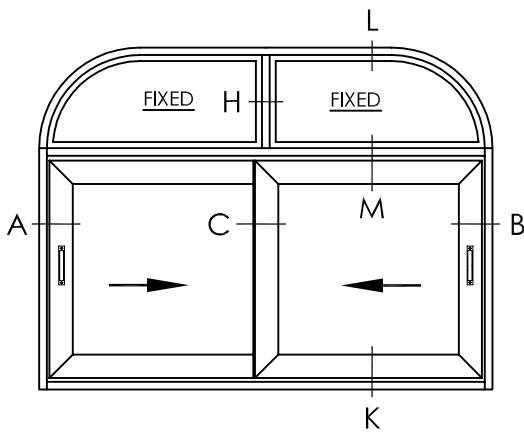
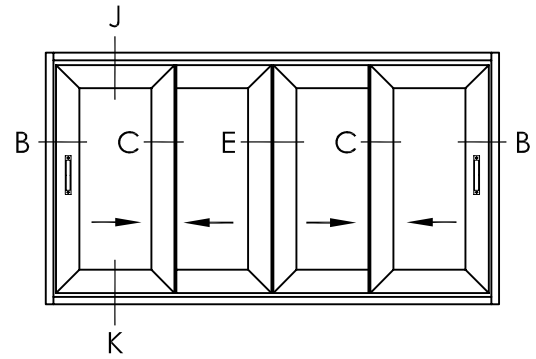
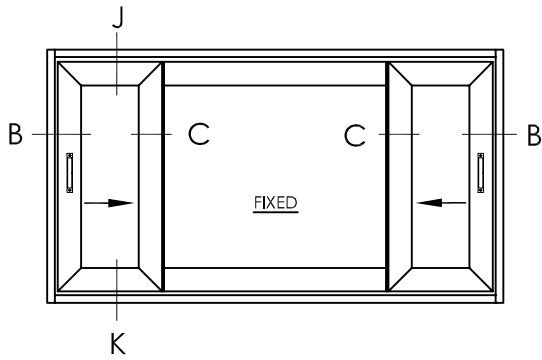
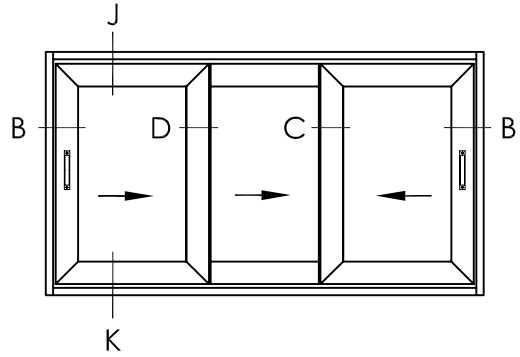
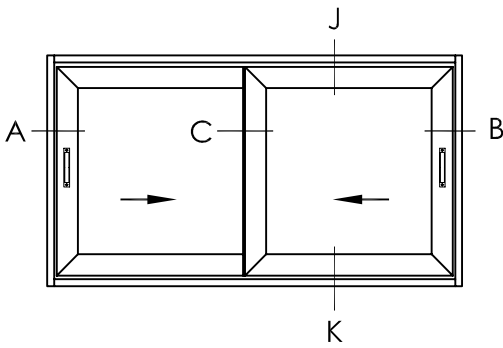
ACCESSORIES

Gasket/Accessories Reference	Section	Description	Unit
900.13.005 (SG 2512)		U-TYPE RUBBER FOR TOP FRAME 20100 & BOTTOM FRAME 20101	Linear Meter
900.13.004 (SG 2511)		DOUBLE V-SHAPED RUBBER FOR VERTICAL FRAME 20102	Linear Meter
900.13.006 (SG 2513)		LABYRINTH RUBBER FOR INTERLOCK TO BE FIXED BETWEEN PROFILES 20103 & 10218 TO FORM INTERLOCK PROFILE	Linear Meter
900.13.001 (SG 2510)		U-TYPE RUBBER TO ACCOMODATE 22-24 MM THICK INSULATED GLASS	Linear Meter
900.13.009		LABYRINTH RUBBER TO BE FIXED ON TO PROFILE 20103 WHEN 3 SASH ARE USED	Linear Meter
900.13.008		LABYRINTH RUBBER TO BE FIXED ON TO PROFILE 20103 WHEN 4 SASH ARE USED	Linear Meter
600.13.007 (SG 2245)		TO BE USED WITH GLAZING BEAD 10377 FOR GLASS THICKNESS VARYING FROM 22-24 MM, CAN ALSO BE USED WITH THE SASH PROFILE - 20103	Linear Meter
900.13.004 (900-CL-002)		2MM THICK ALUMINIUM CORNER CLEAT USED WITH SASH PROFILE - 20103	Pieces
900-ROL-001		ROLLER USED AT THE BOTTOM OF THE SASH PROFILE-20103	Pieces
900-ROL-002		ROLLER USED AT THE BOTTOM OF THE FLYSCREEN PROFILE-12745	Pieces

Gasket/Accessories Reference	Section	Description	Unit
900.09.001 (900-EC-001)		PLASTIC END CAP TO COVER MILLING PORTION IN SASH	Pieces
BRUSH - 9.5MM		DUST PROOF BRUSH IN 9.5MM HIGH USED WITH PROFILE - 10219	Linear Meter
BRUSH - 6.5MM		DUST PROOF BRUSH IN 6.5MM HIGH USED WITH PROFILE - 10219	Linear Meter
BRUSH - 6.5MM		6.5MM HIGH REGULAR BRUSH FOR SASH PROFILE - 20103 & ALSO WITH 10218 / 10383 OF THE INTERLOCK PROFILE	Linear Meter
LOCK		FLUSH TYPE HANDLE WITH LOCKING ARRANGEMENT	Pieces
LOCK		GRIP TYPE HANDLE WITH LOCKING ARRANGEMENT	Pieces
		B 4.8 X 60 - DIN 7981 - A2 FOR FRAME CORNERS	Pieces
		B 4.2 X 45 - DIN 7981 - A2 FOR SASH CORNER	Pieces
		B 4.2 X 32 - DIN 7981 - A2 FOR SASH CORNER	Pieces
		B 4.2 X 19 - DIN 7982 - A2 FOR LABYRINTH FASTENING	Pieces

ASSEMBLY DRAWINGS

Sliding Window / Door Series 900

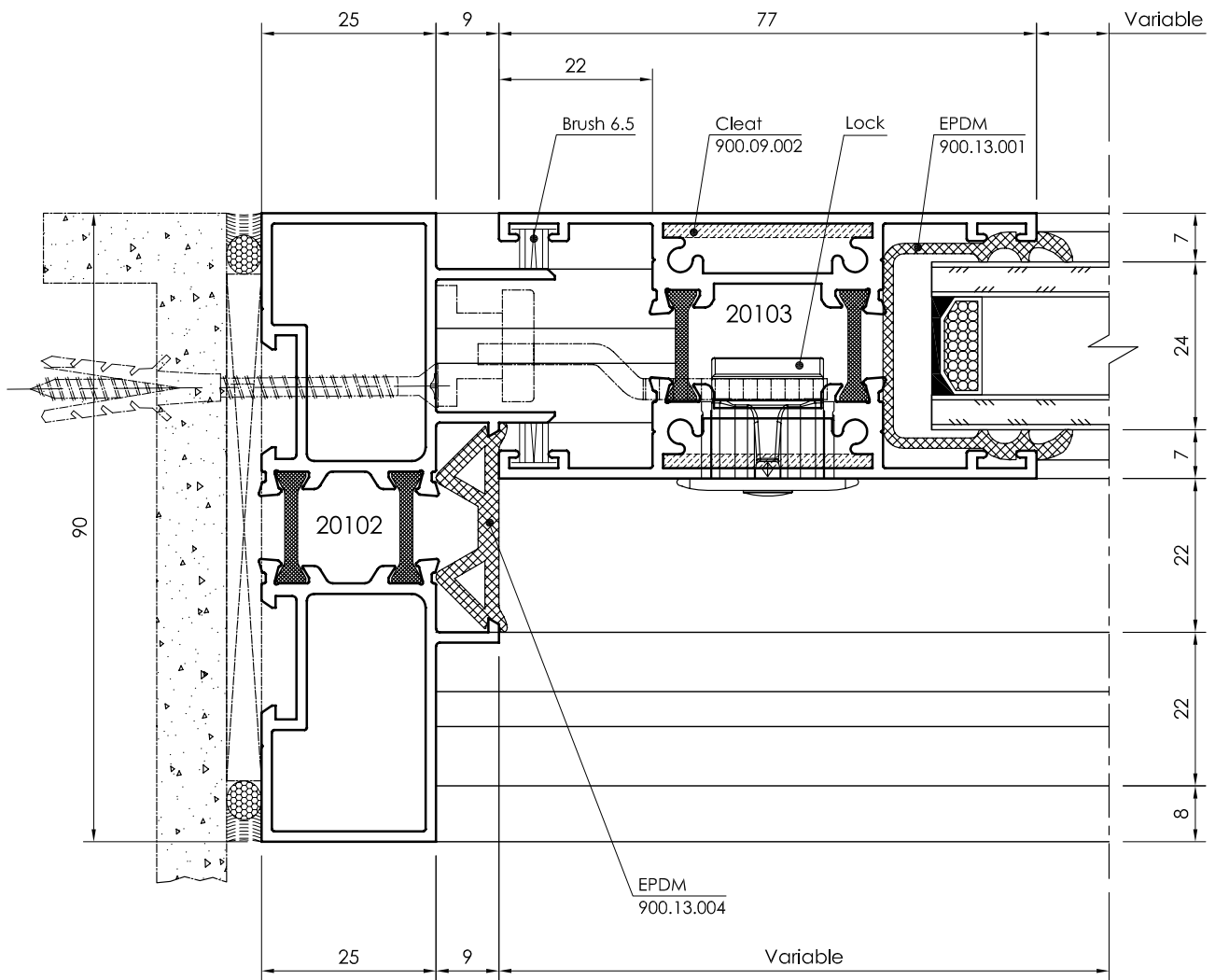


All dimensions in cross sections are shown in mm
 Profile are not necessarily shown to scale

Sliding Window / Door Series 900

Detail - A

Insulated Glass unit with Thickness Ranging from 22 to 24 mm

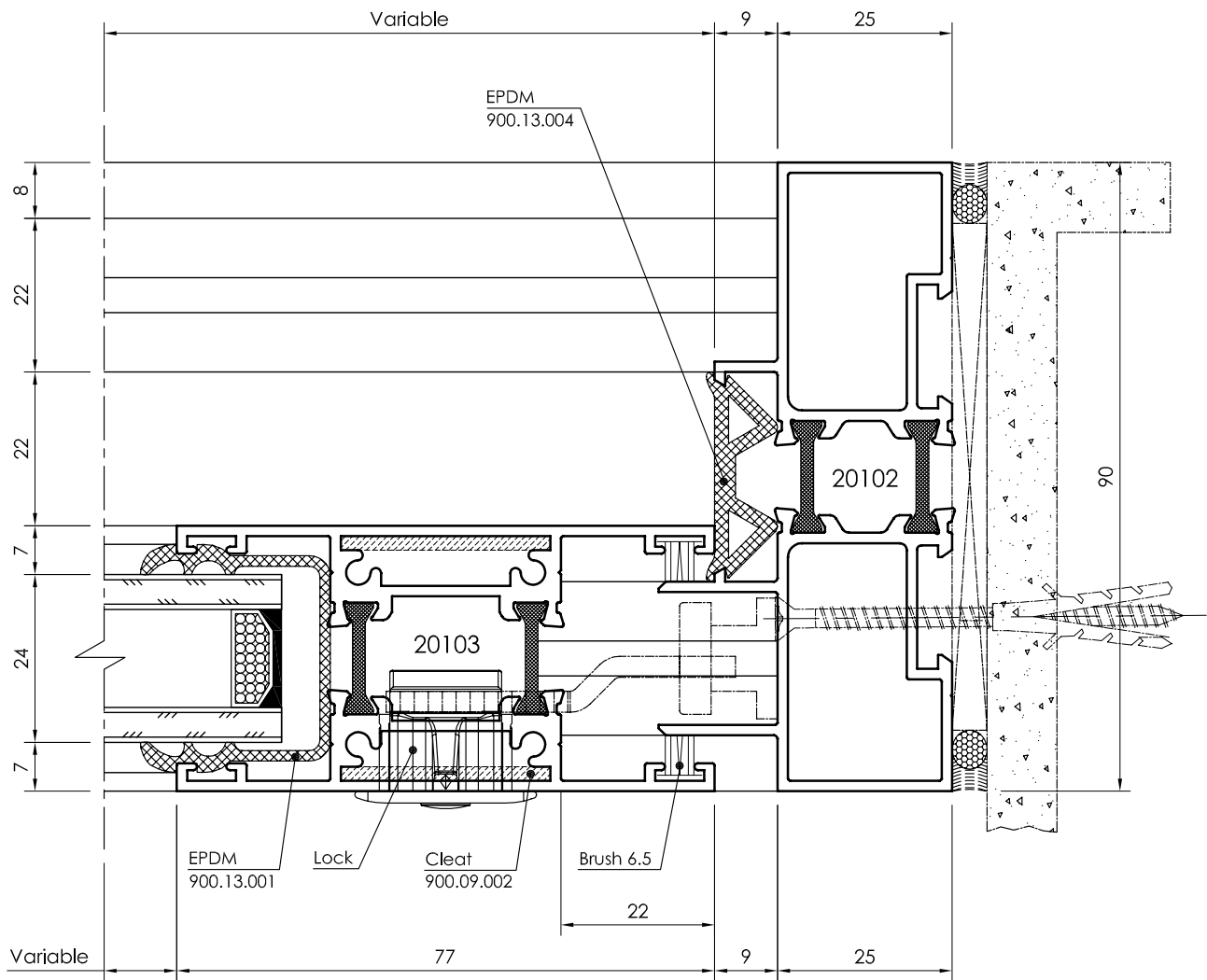


All dimensions in mm
 --- Visible area

Sliding Window / Door Series 900

Detail - B

Insulated Glass unit with Thickness Ranging from 22 to 24 mm

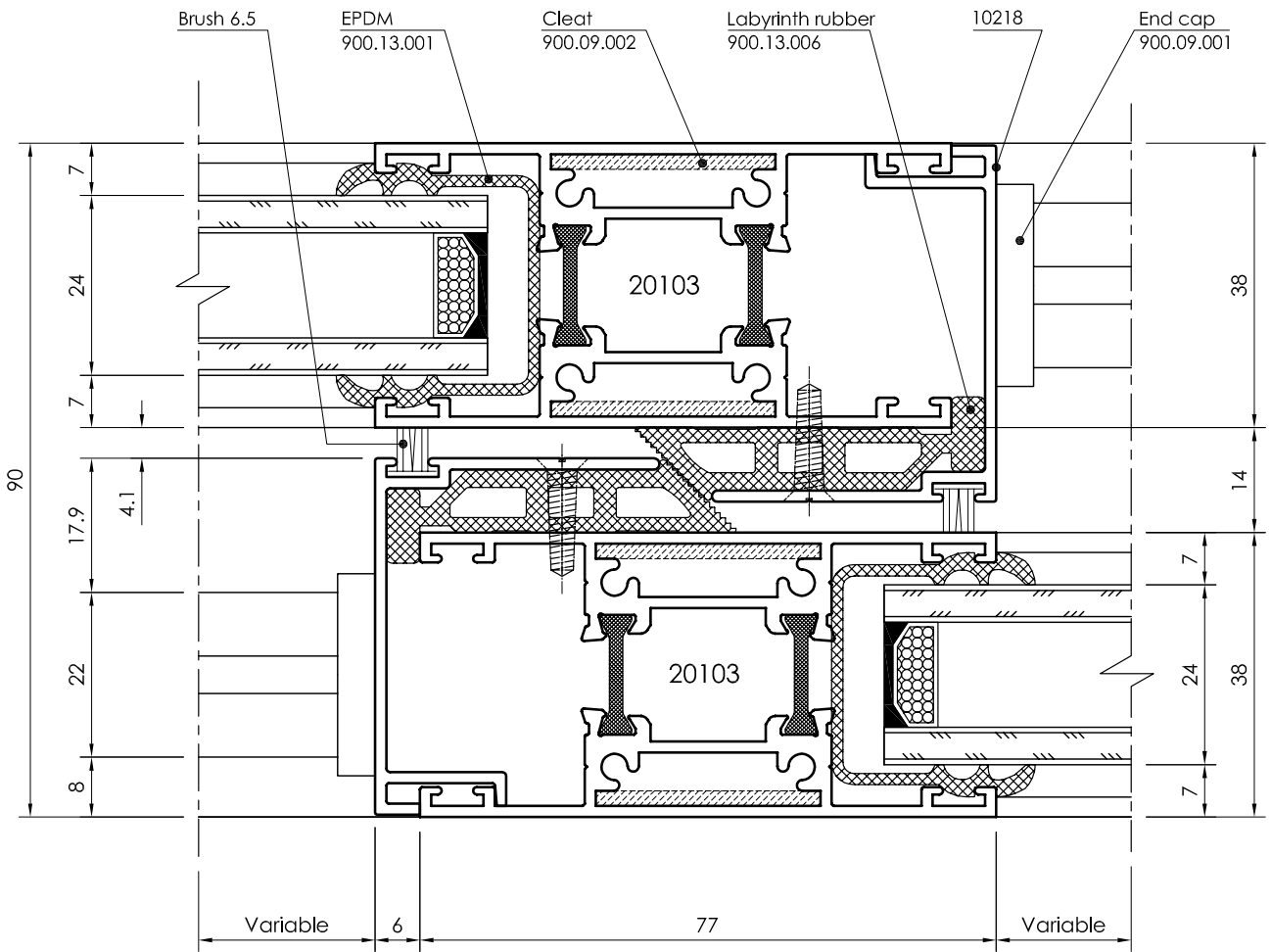


All dimensions in mm
Visible area_____

Sliding Window / Door Series 900

Detail - C

Insulated Glass unit with Thickness Ranging from 22 to 24 mm

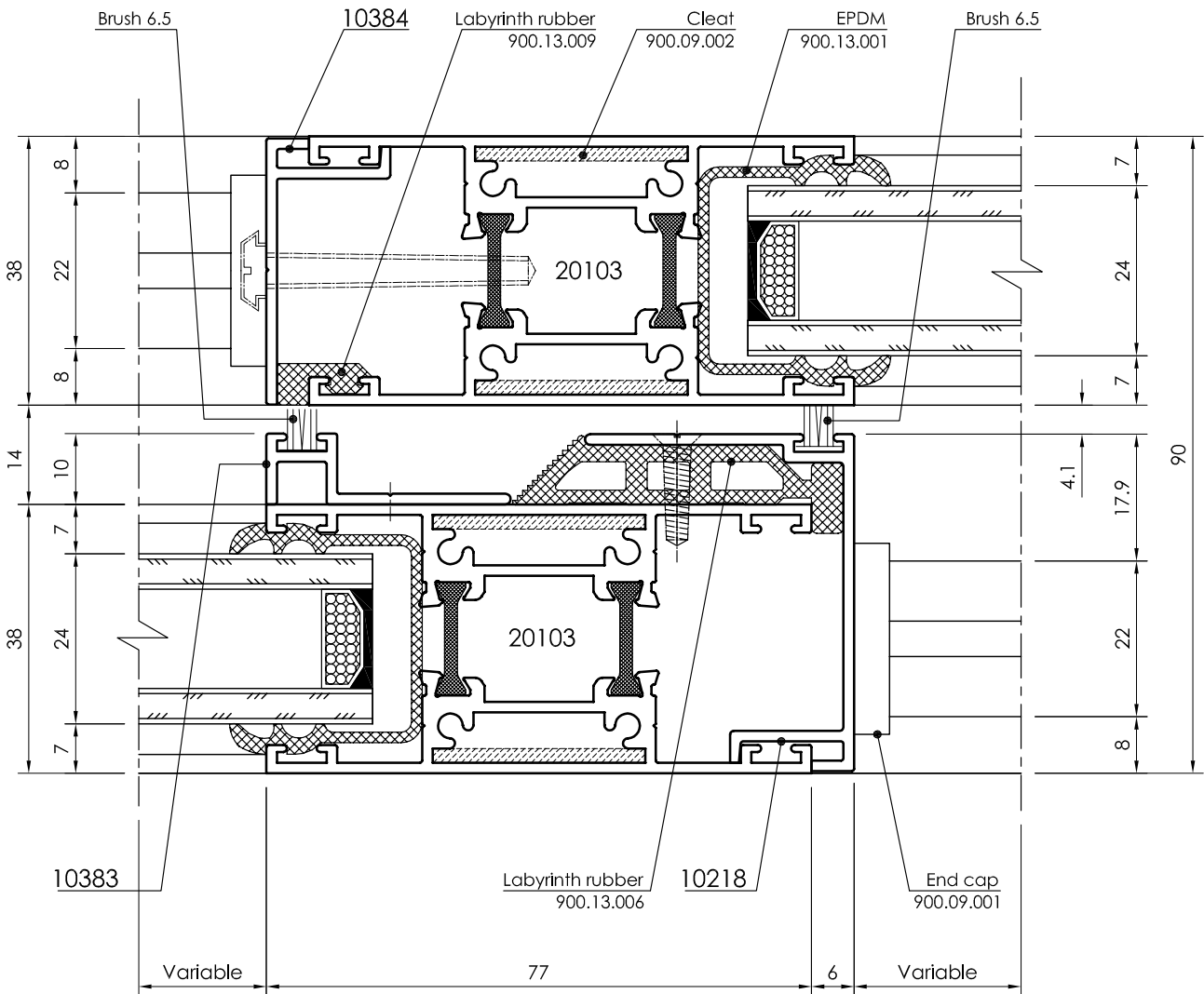


All dimensions in mm
----- Visible area

Sliding Window / Door Series 900

Detail - D

Insulated Glass unit with Thickness Ranging from 22 to 24 mm

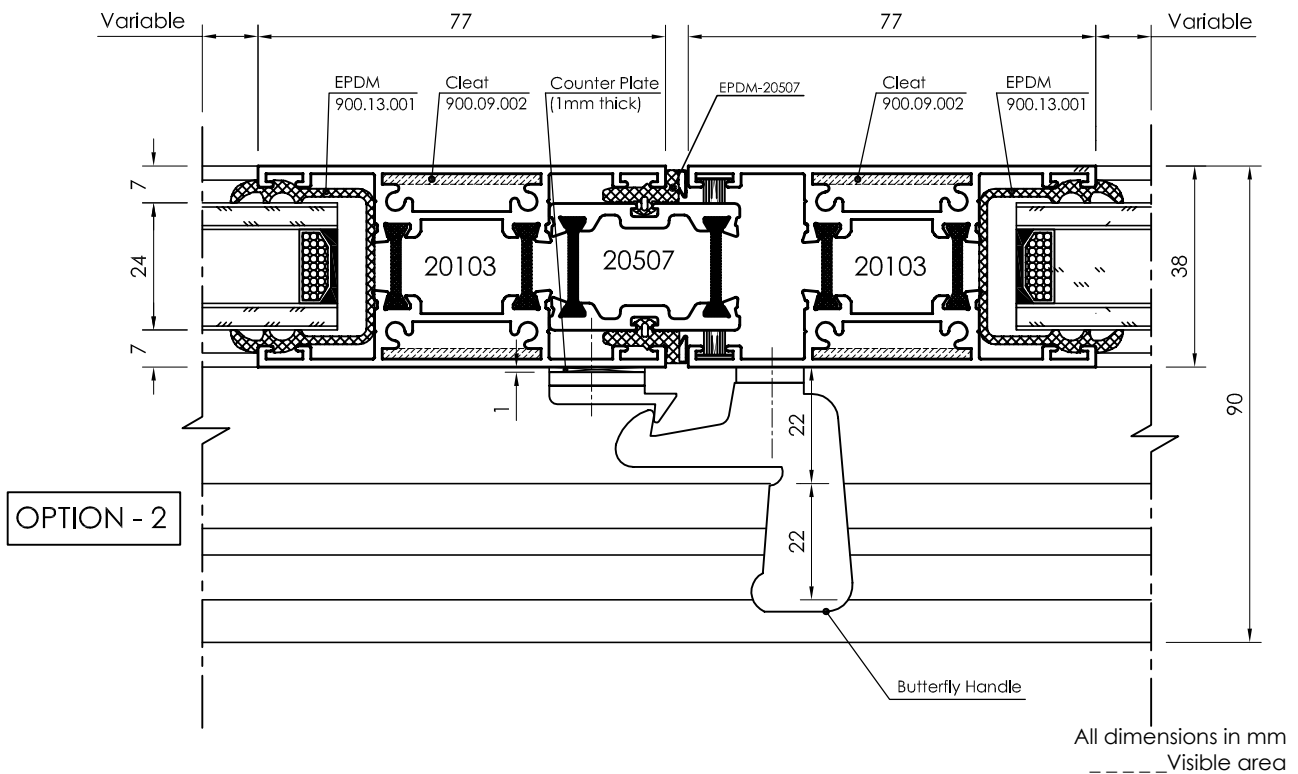
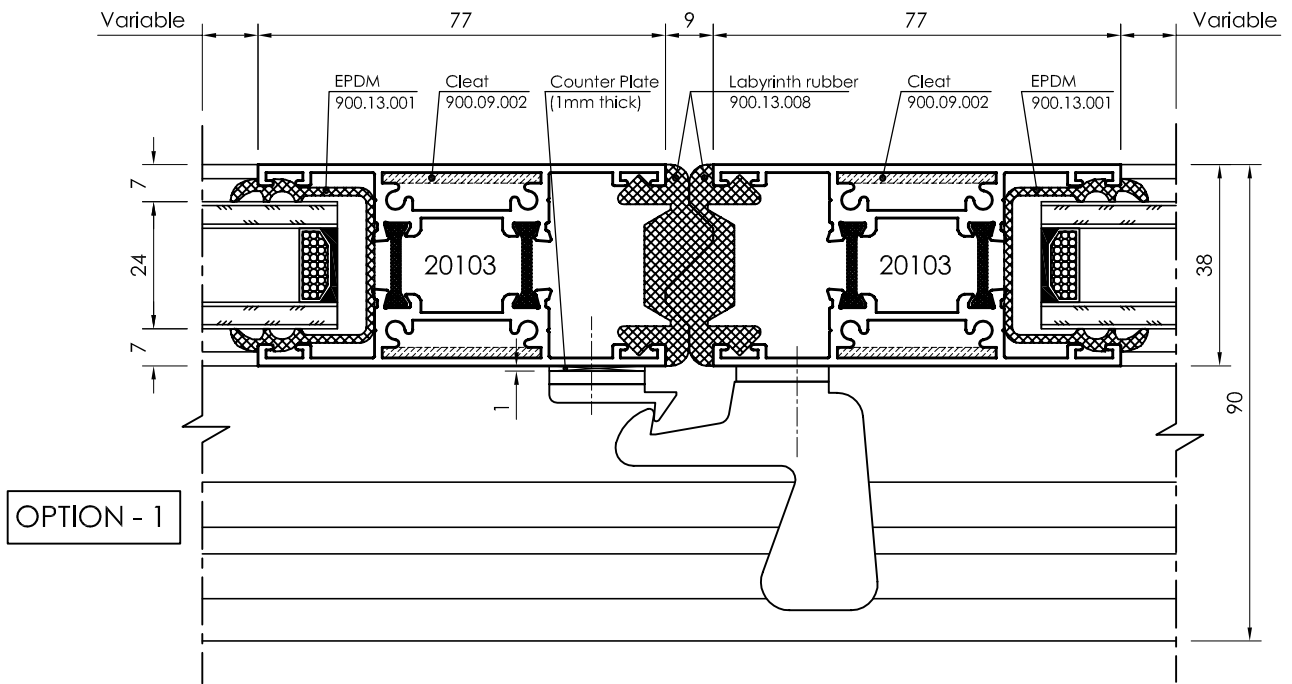


All dimensions in mm
Visible area_____

Sliding Window / Door Series 900

Detail - E

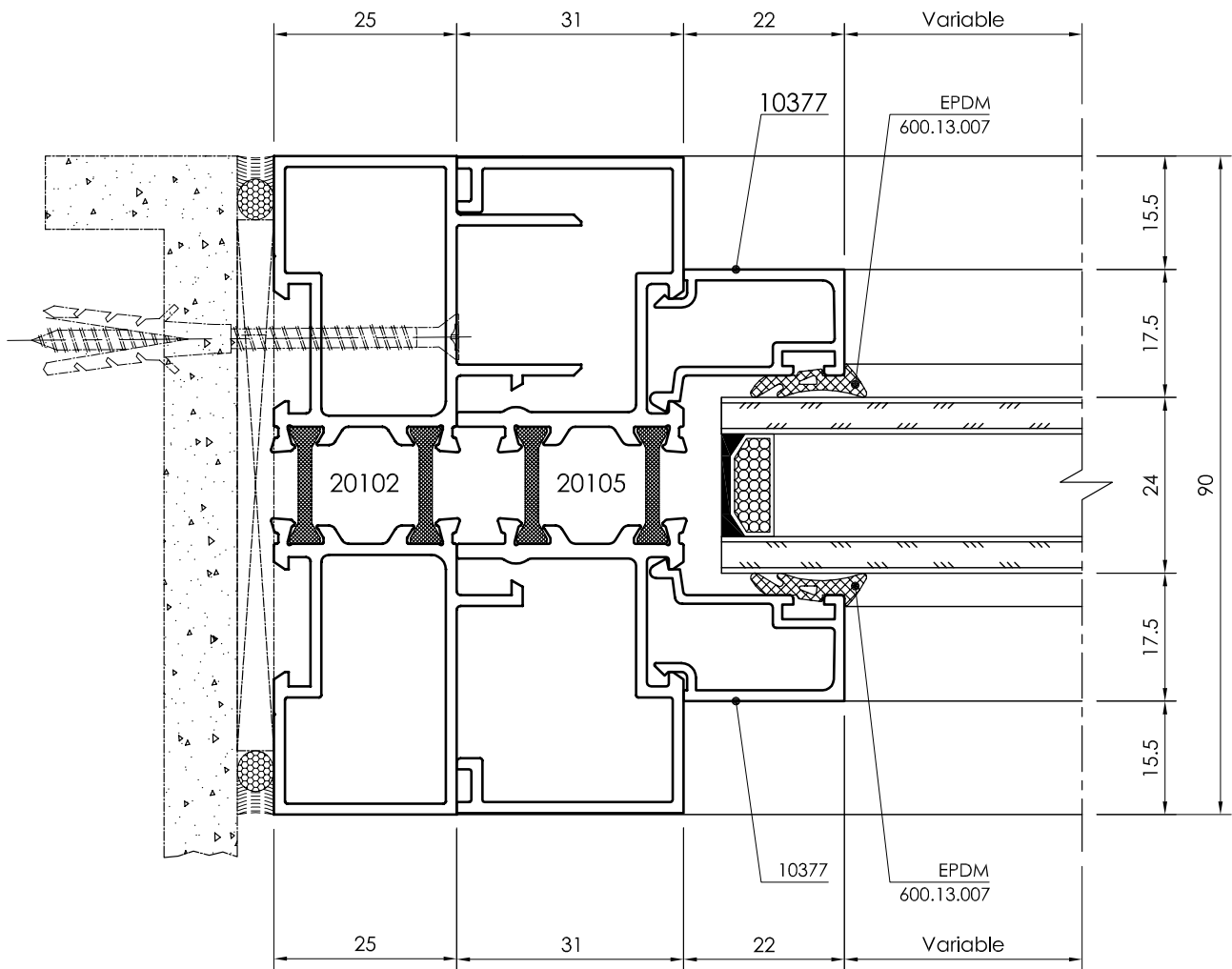
Insulated Glass unit with Thickness Ranging from 22 to 24 mm



Sliding Window / Door Series 900

Detail - G

Insulated Glass unit with Thickness Ranging from 22 to 24 mm

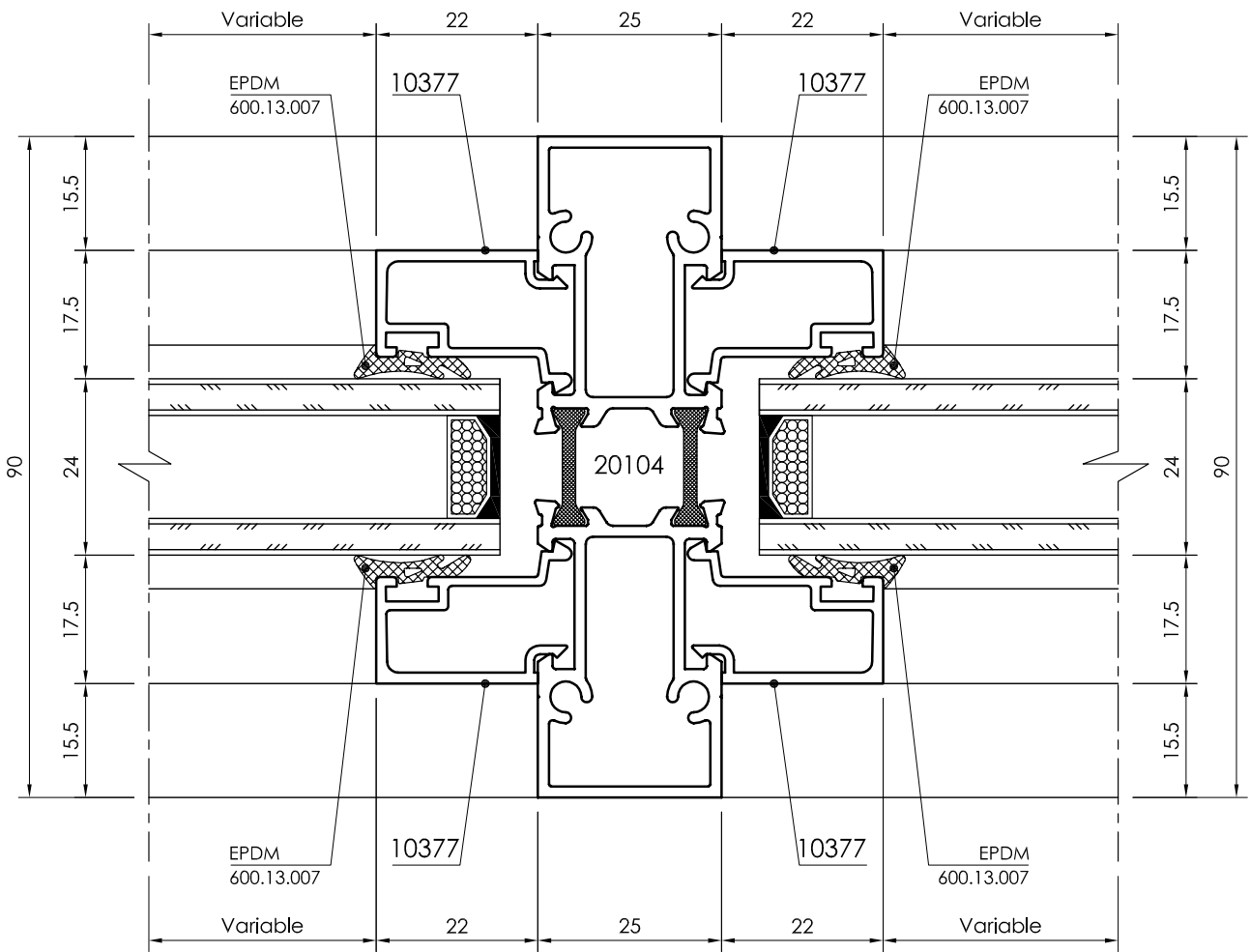


All dimensions in mm
Visible area_____

Sliding Window / Door Series 900

Detail - H

Insulated Glass unit with Thickness Ranging from 22 to 24 mm

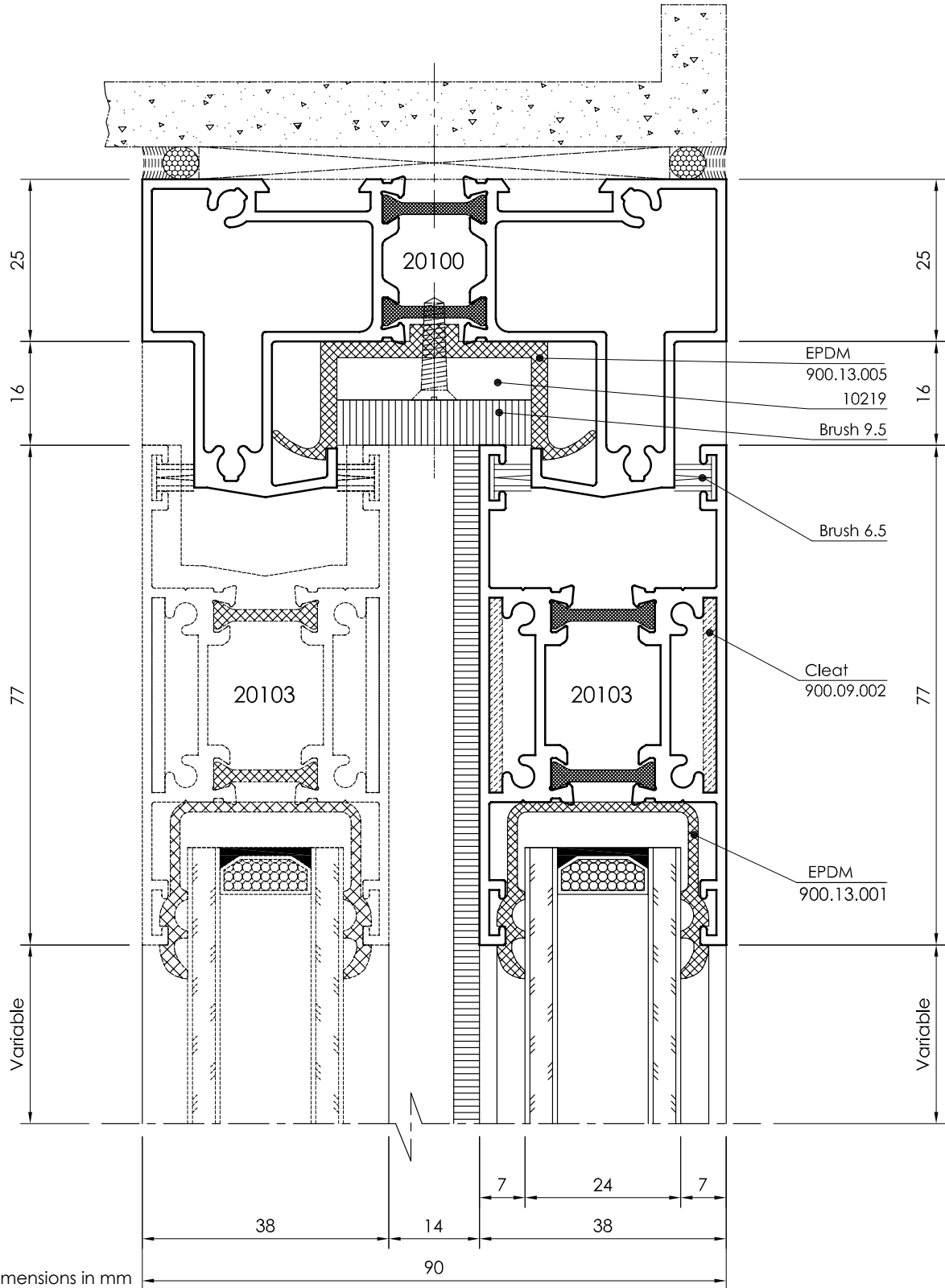


All dimensions in mm
 ----- Visible area

Sliding Window / Door Series 900

Detail - J

Insulated Glass unit with Thickness Ranging from 22 to 24 mm

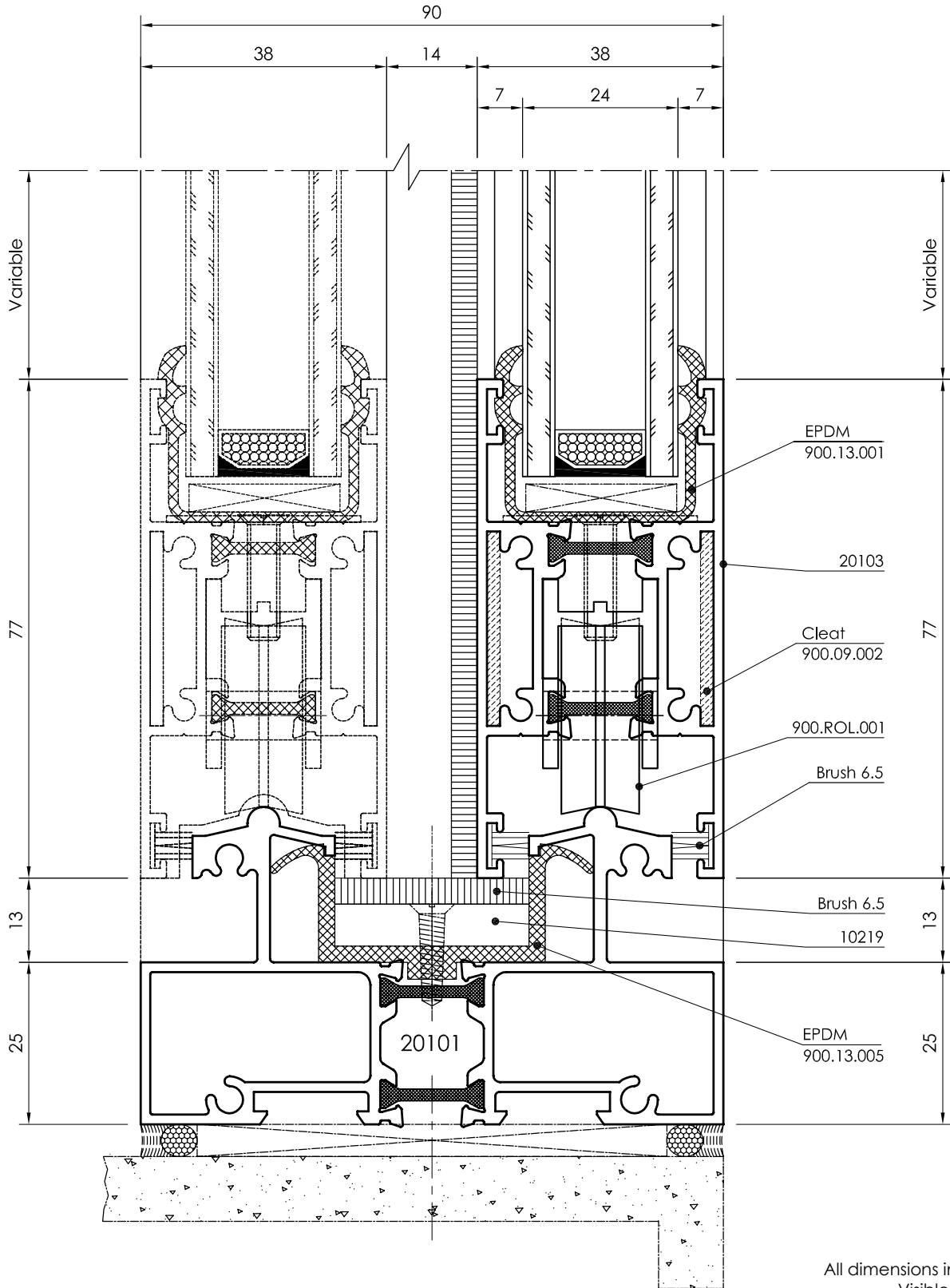


All dimensions in mm
Visible area_____

Sliding Window / Door Series 900

Detail - K

Insulated Glass unit with Thickness Ranging from 22 to 24 mm

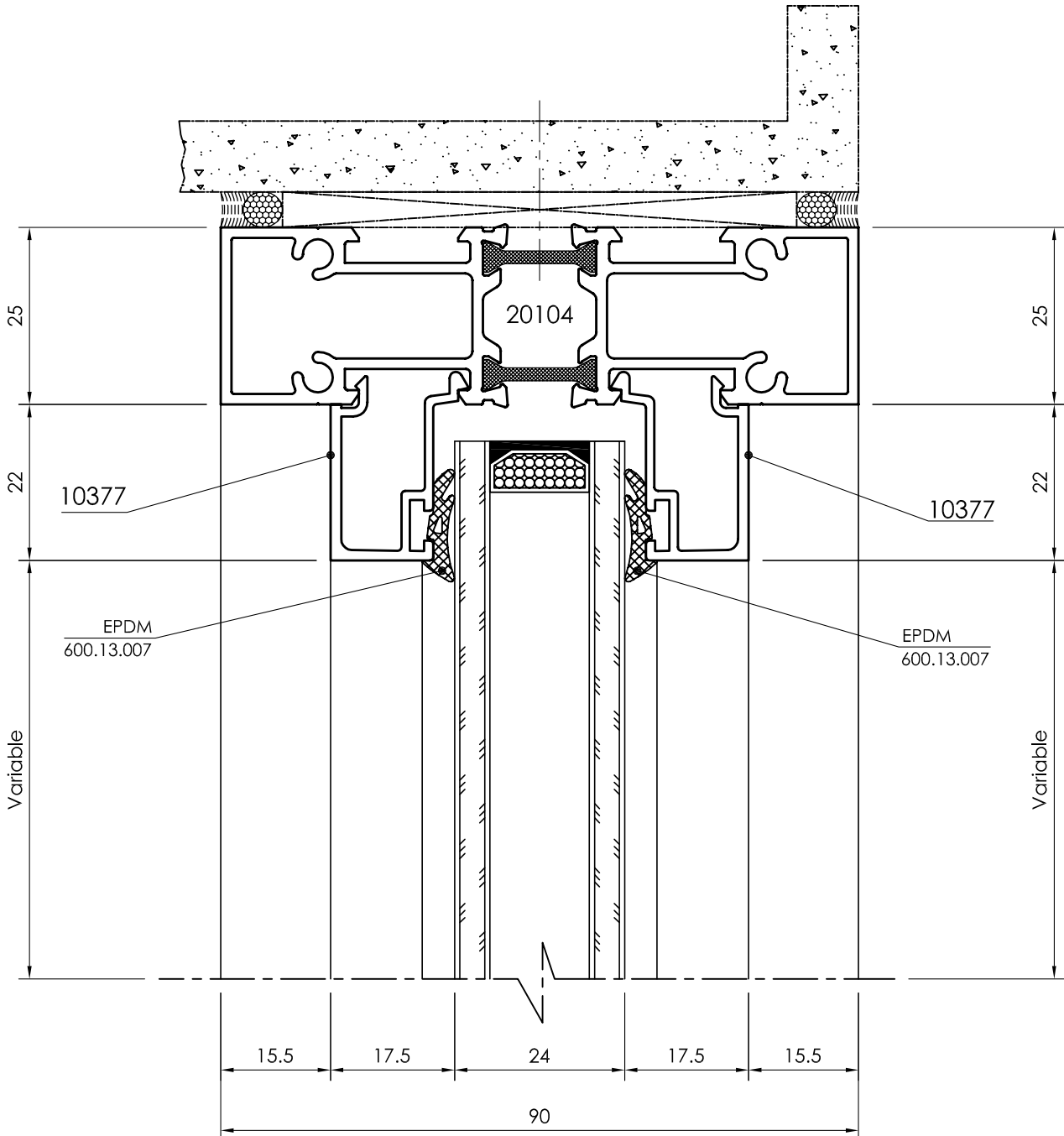


All dimensions in mm
 - - - - - Visible area

Sliding Window / Door Series 900

Detail - L

Insulated Glass unit with Thickness Ranging from 22 to 24 mm

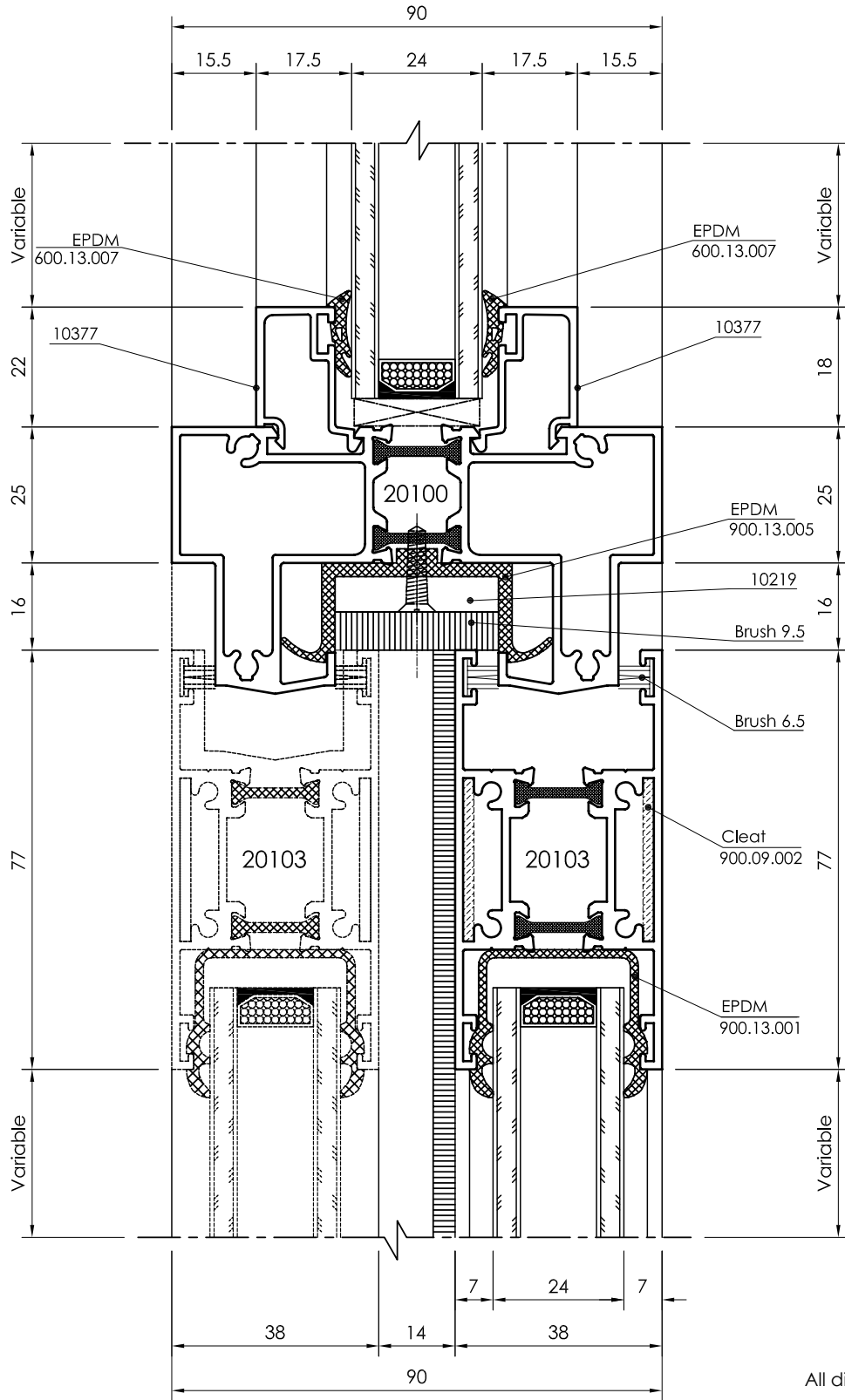


All dimensions in mm
Visible area_____

Sliding Window / Door Series 900

Detail - M

Insulated Glass unit with Thickness Ranging from 22 to 24 mm

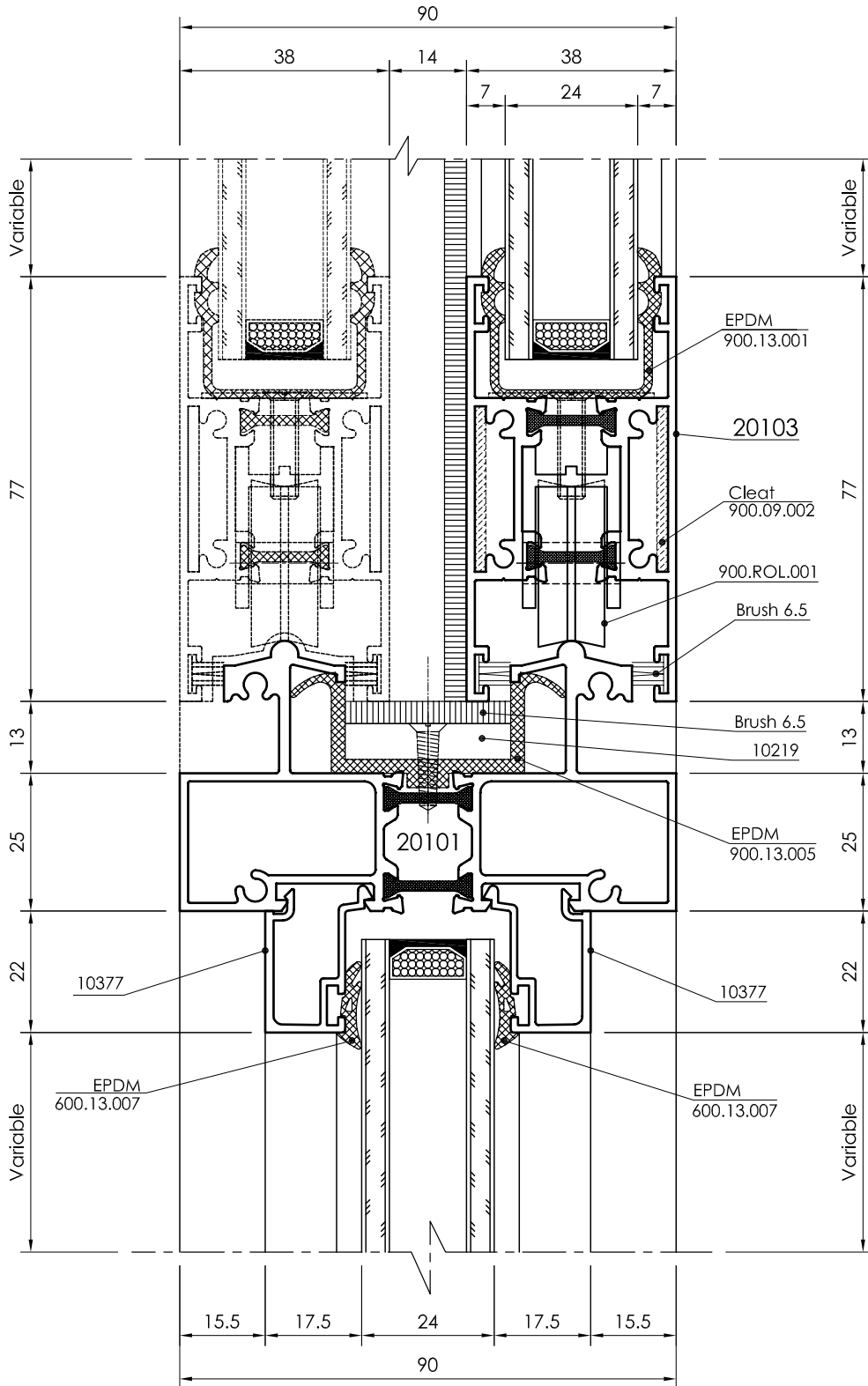


All dimensions in mm
 - - - - - Visible area

Sliding Window / Door Series 900

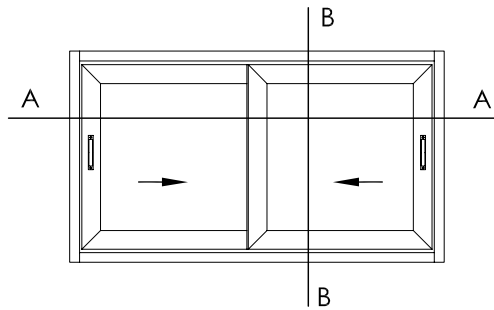
Detail - N

Insulated Glass unit with Thickness Ranging from 22 to 24 mm



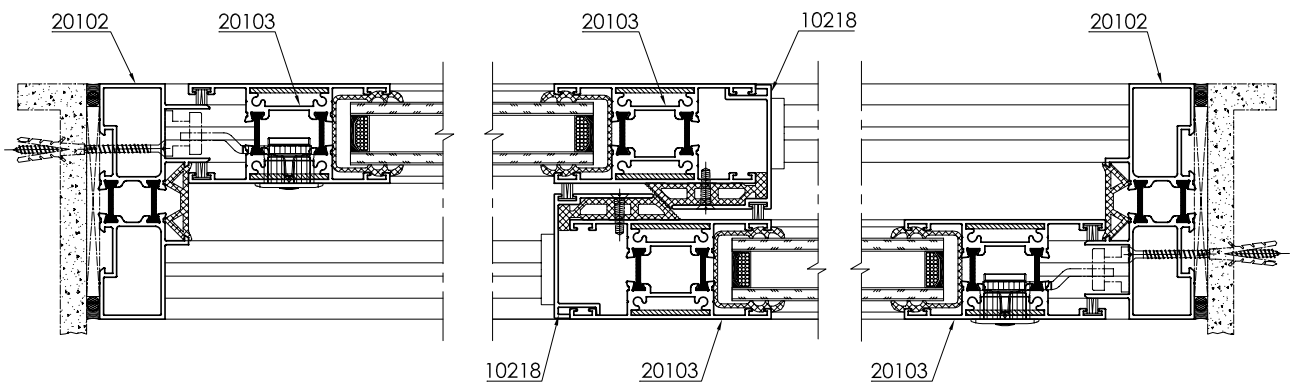
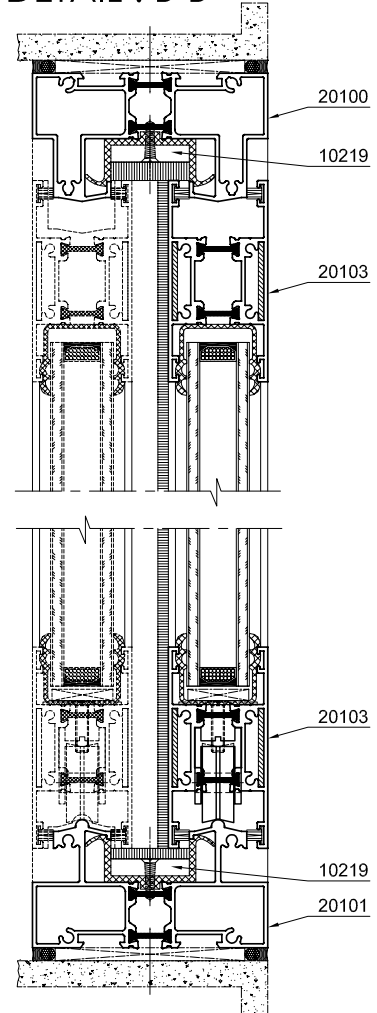
All dimensions in mm
Visible area_____

Sliding Window / Door Series 900



Profiles			
Description	Shape	Cut	Section No.
Top Frame			20100
Bottom Frame			20101
Side Frame			20102
Sash			20103
Interlock Clip			10218
Dustproof Profile			10219

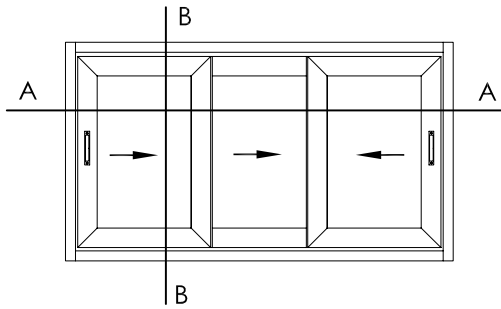
DETAIL : B-B



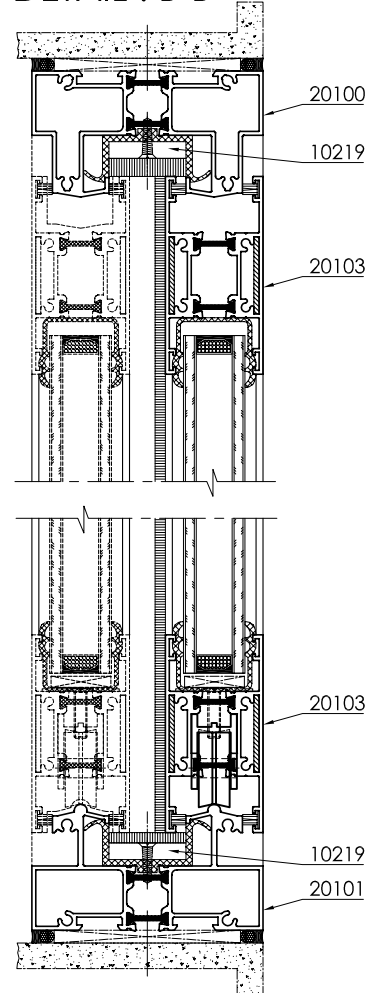
DETAIL : A-A

All dimensions in mm
 - - - - - Visible area

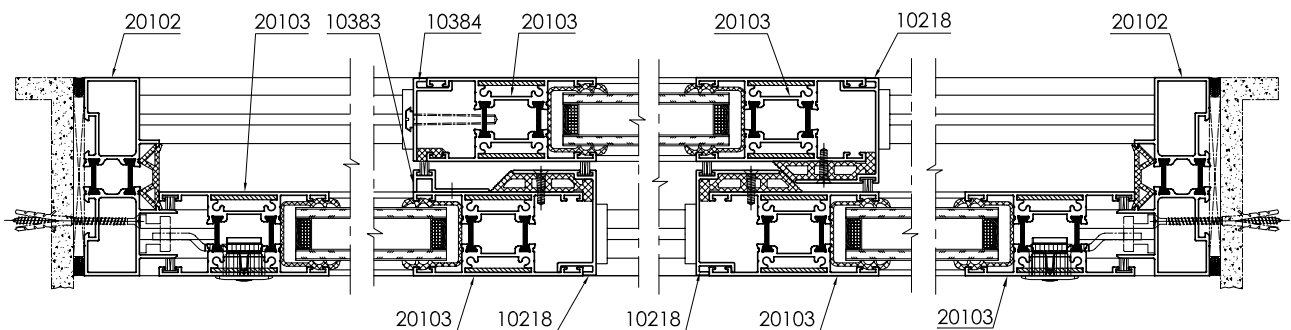
Sliding Window / Door Series 900



DETAIL : B-B



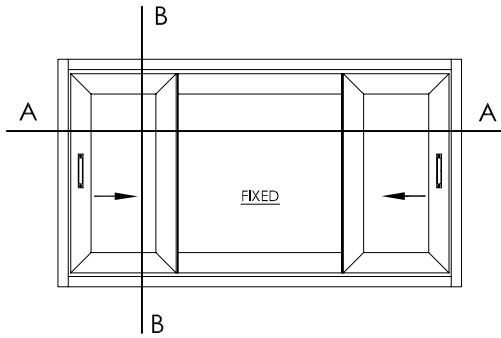
Profiles			
Description	Shape	Cut	Section No.
Top Frame			20100
Bottom Frame			20101
Side Frame			20102
Sash			20103
Interlock Clip			10218
Dustproof Sash Profile			10383
Sash Closure profile			10384
Dustproof Profile			10219



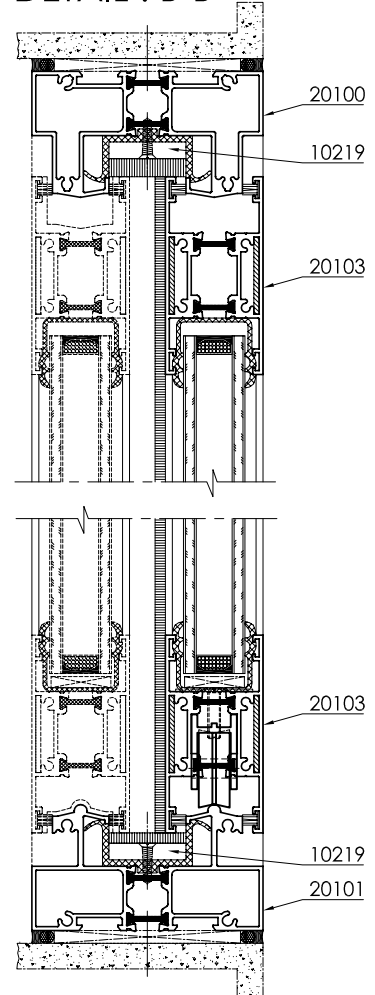
DETAIL : A-A

All dimensions in mm
Visible area_____

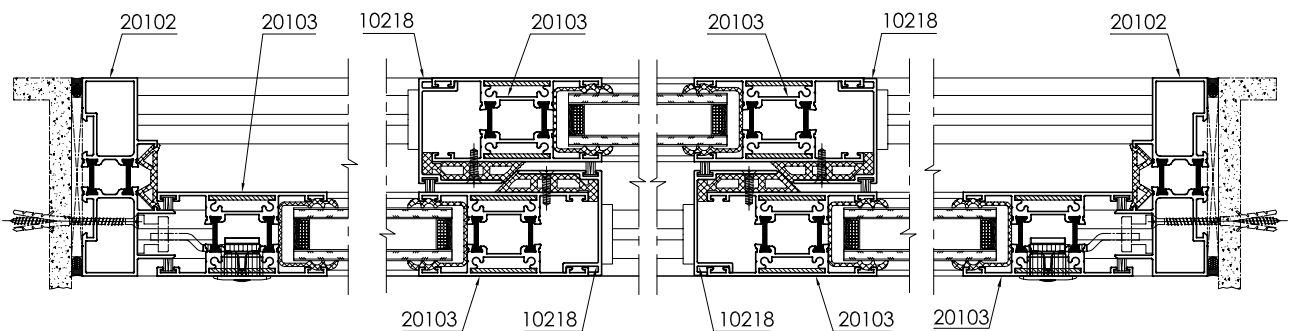
Sliding Window / Door Series 900



DETAIL : B-B



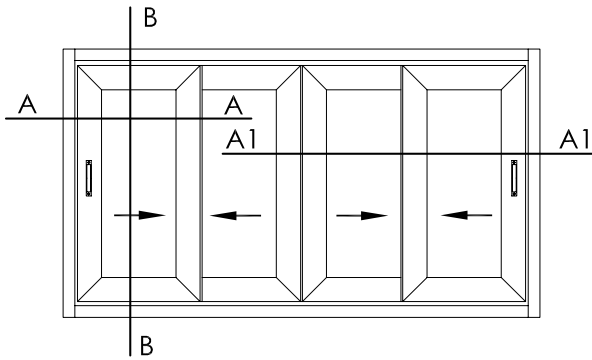
Profiles			
Description	Shape	Cut	Section No.
Top Frame			20100
Bottom Frame			20101
Side Frame			20102
Sash			20103
Interlock Clip			10218
Dustproof Profile			10219



DETAIL : A-A

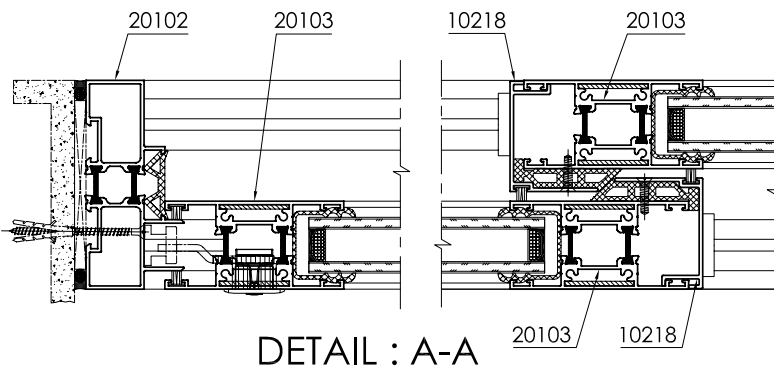
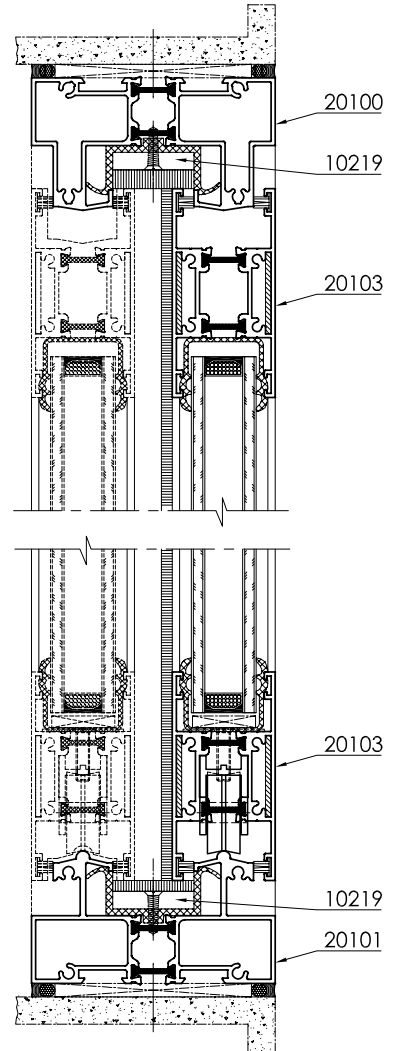
All dimensions in mm
 - - - - - Visible area

Sliding Window / Door Series 900

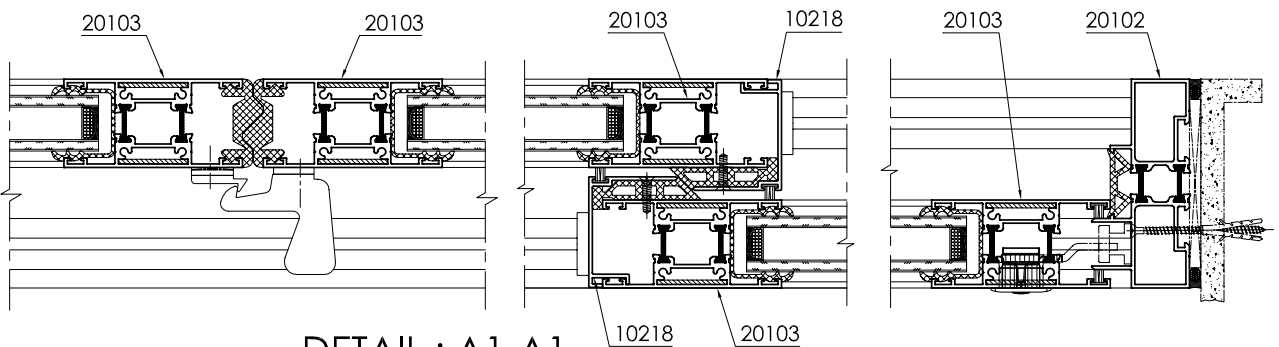


Profiles			
Description	Shape	Cut	Section No.
Top Frame			20100
Bottom Frame			20101
Side Frame			20102
Sash			20103
Interlock Clip			10218
Dustproof Profile			10219

DETAIL : B-B



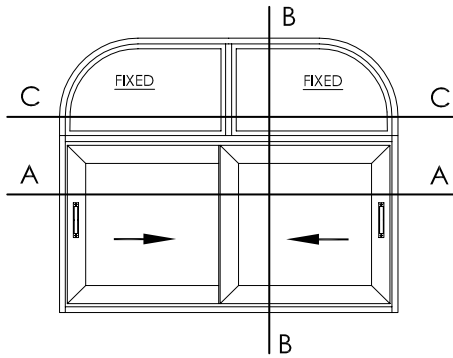
DETAIL : A-A



DETAIL : A1-A1

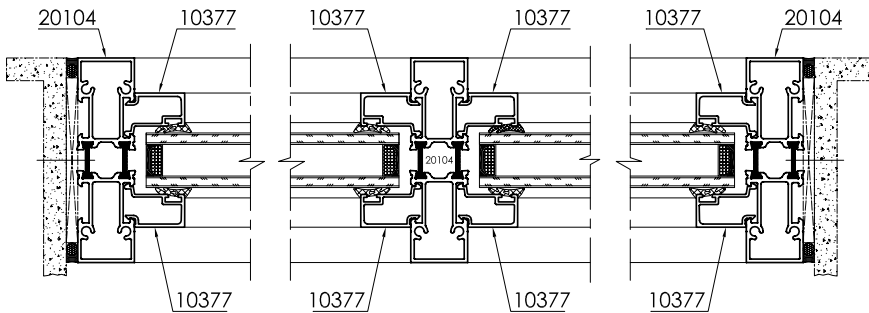
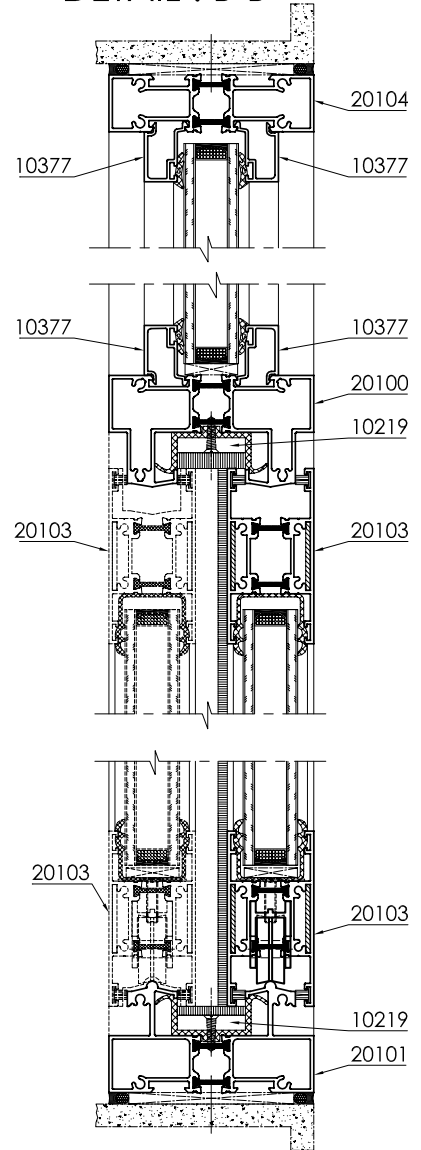
All dimensions in mm
Visible area_____

Sliding Window / Door Series 900

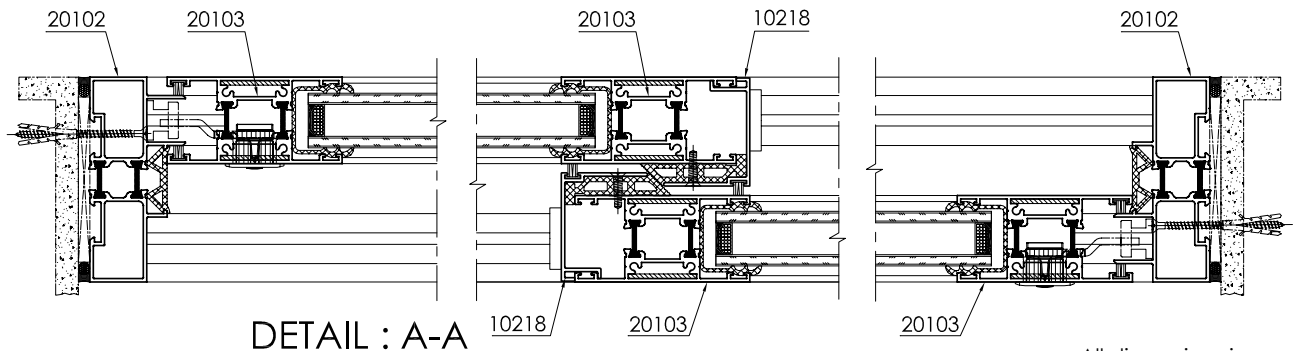


Profiles			
Description	Shape	Cut	Section No.
Top Frame			20100
Bottom Frame			20101
Side Frame			20102
Sash			20103
Interlock Clip			10218
Dustproof Profile			10219
T-Profile			20104
Glazing bead			10377

DETAIL : B-B



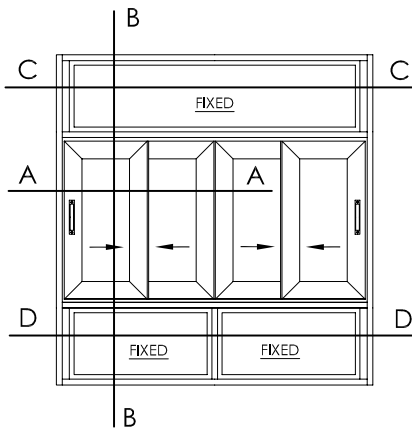
DETAIL : C-C



DETAIL : A-A

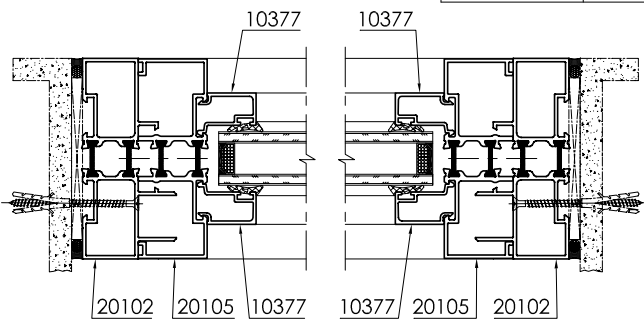
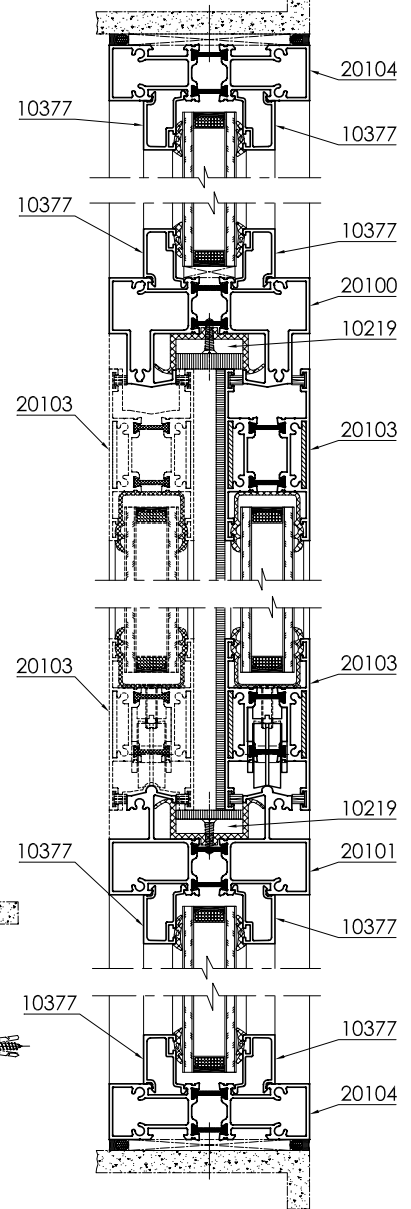
All dimensions in mm
 - - - - - Visible area

Sliding Window / Door Series 900

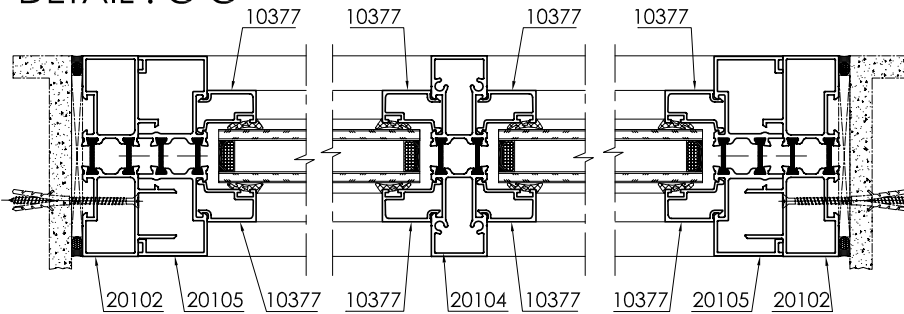


Profiles			
Description	Shape	Cut	Section No.
Top Frame			20100
Bottom Frame			20101
Side Frame			20102
Sash			20103
Interlock Clip			10218
Dustproof Profile			10219
T-Profile			20104
Fix Adaptor			20105
Glazing bead			10377

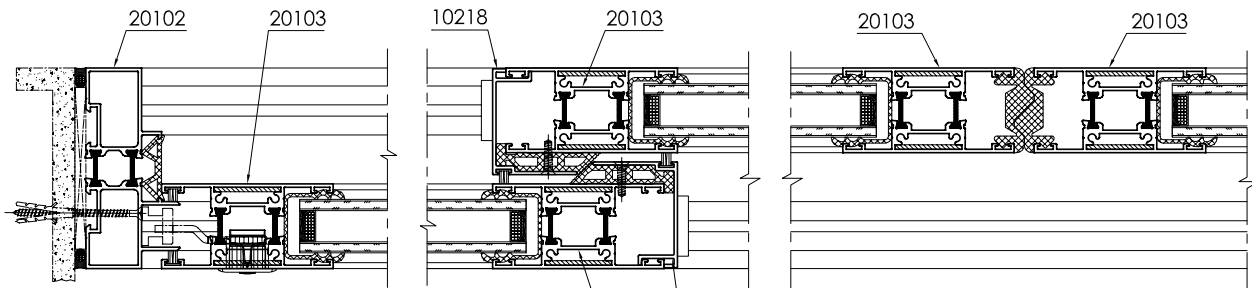
DETAIL : B-B



DETAIL : C-C



DETAIL : D-D

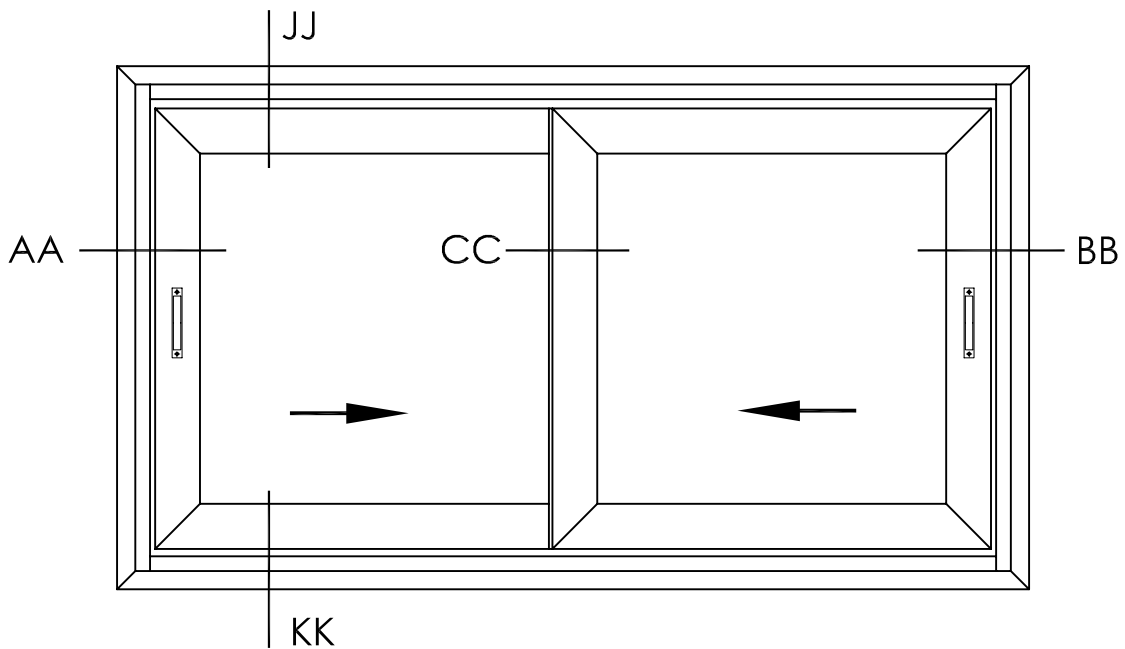


DETAIL : A-A

All dimensions in mm
Visible area_____

Sliding Window / Door Series 900
inside flyscreen with architrave

Insulated Glass unit with Thickness Ranging from 22 to 24 mm



All dimensions in cross sections are shown in mm
Profile are not necessarily shown to scale





All dimensions in mm
-----Visible area

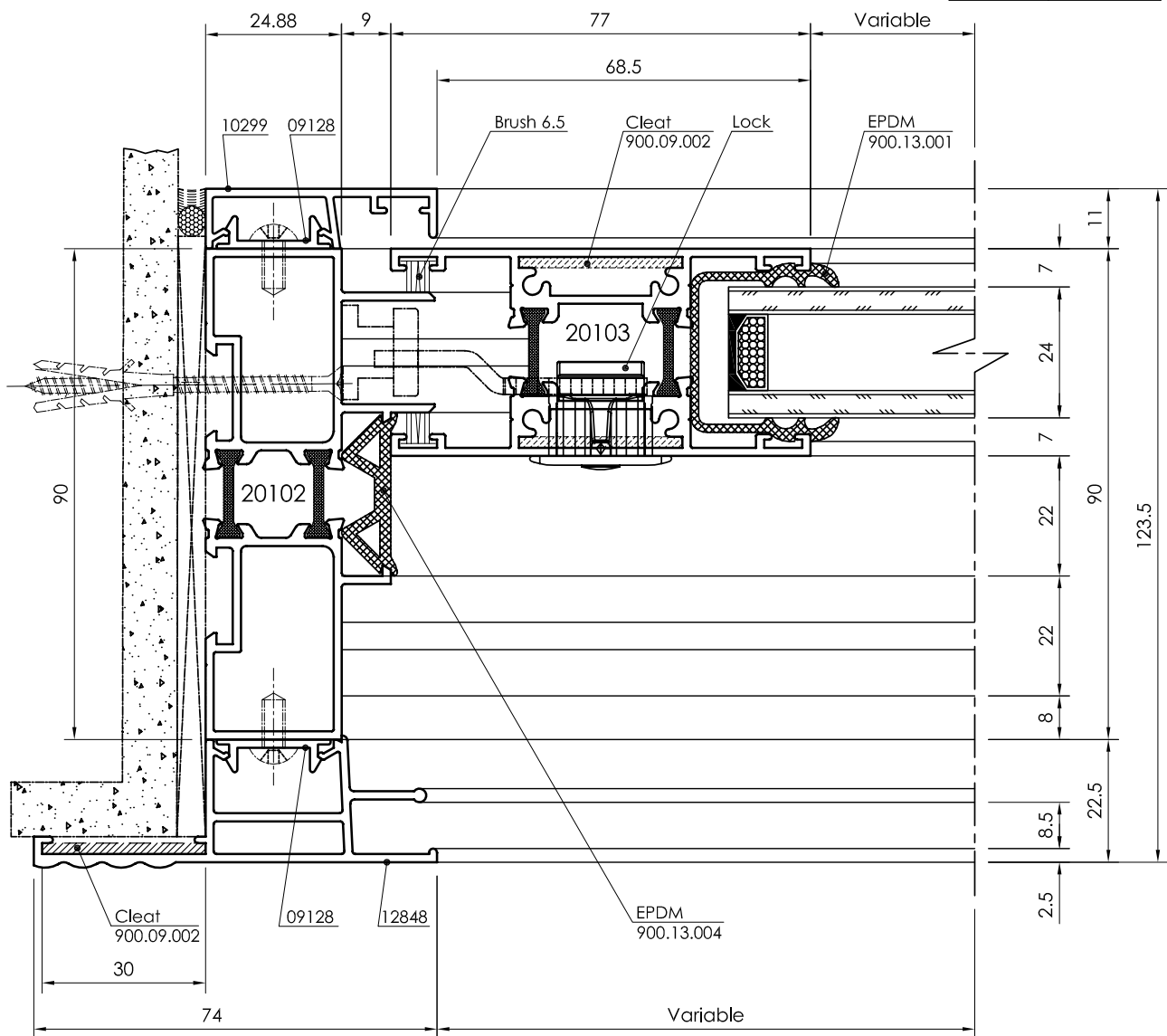
Sliding Window / Door Series 900

Inside flyscreen with architrave

Detail - AA

Insulated Glass unit with Thickness Ranging from 22 to 24 mm






900-OC-FJWIF-1 (Profiles)	
Shape	Section No.
	20102
	12848
	09128
	10299

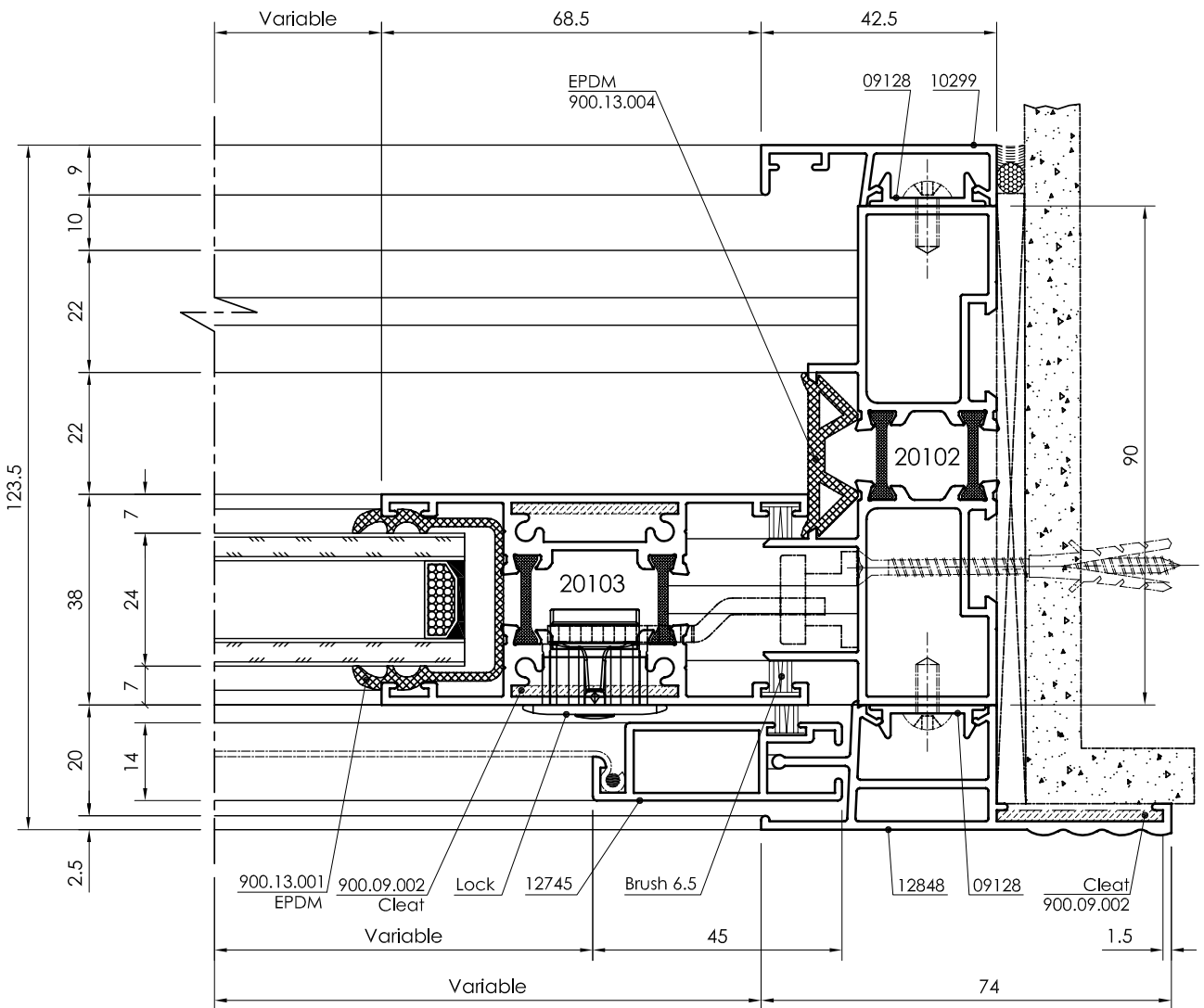


All dimensions in mm
Visible area_____

Sliding Window / Door Series 900
 Inside flyscreen with architrave
 Detail - BB

Insulated Glass unit with Thickness Ranging from 22 to 24 mm

900-OC-FJWIF-2  (Profiles)	
Shape	Section No.
	20102
	12848
	09128
	10299



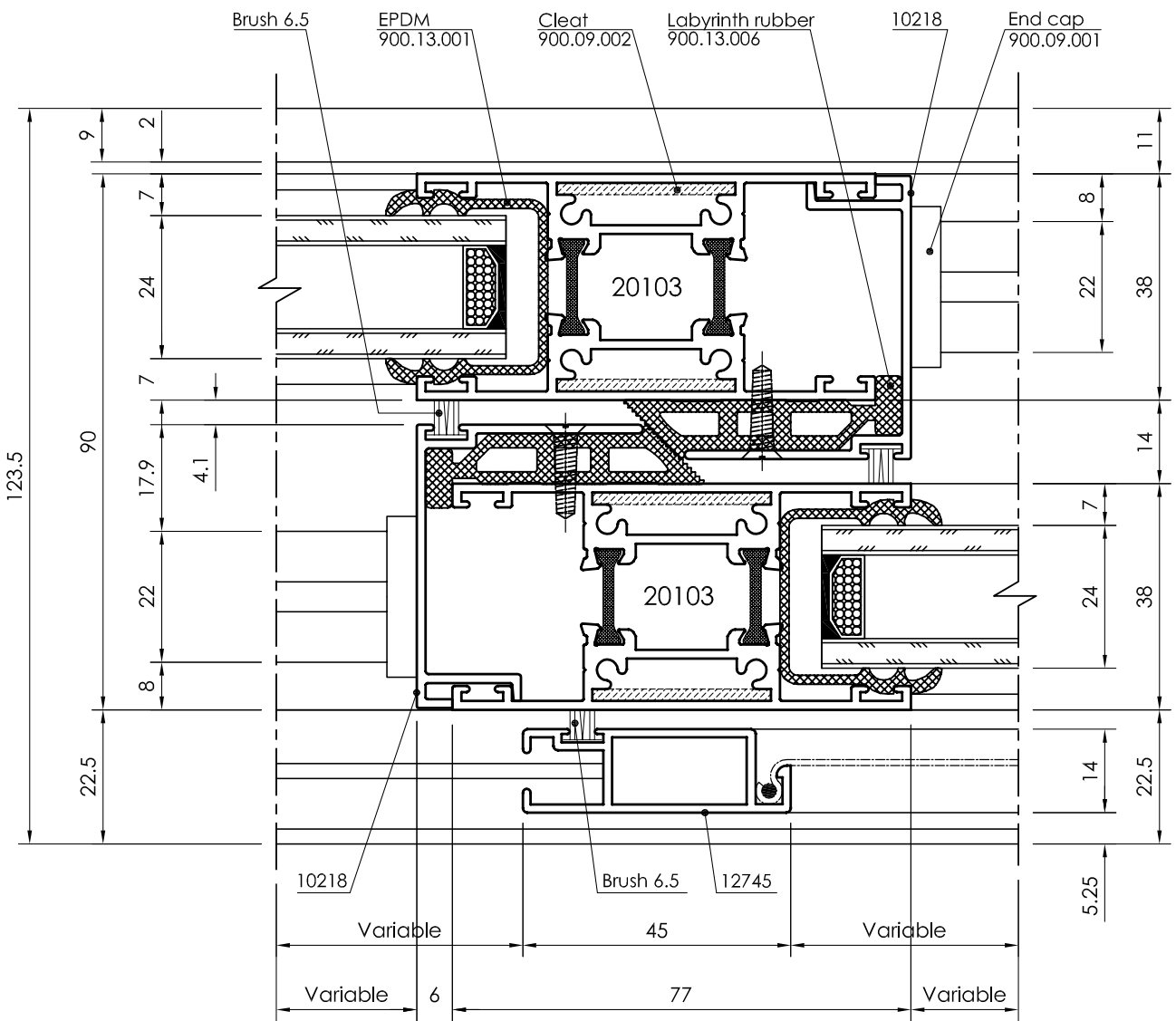
All dimensions in mm
 - - - - - Visible area

Sliding Window / Door Series 900

Inside flyscreen with architrave

Detail - CC

Insulated Glass unit with Thickness Ranging from 22 to 24 mm







All dimensions in mm
Visible area_____

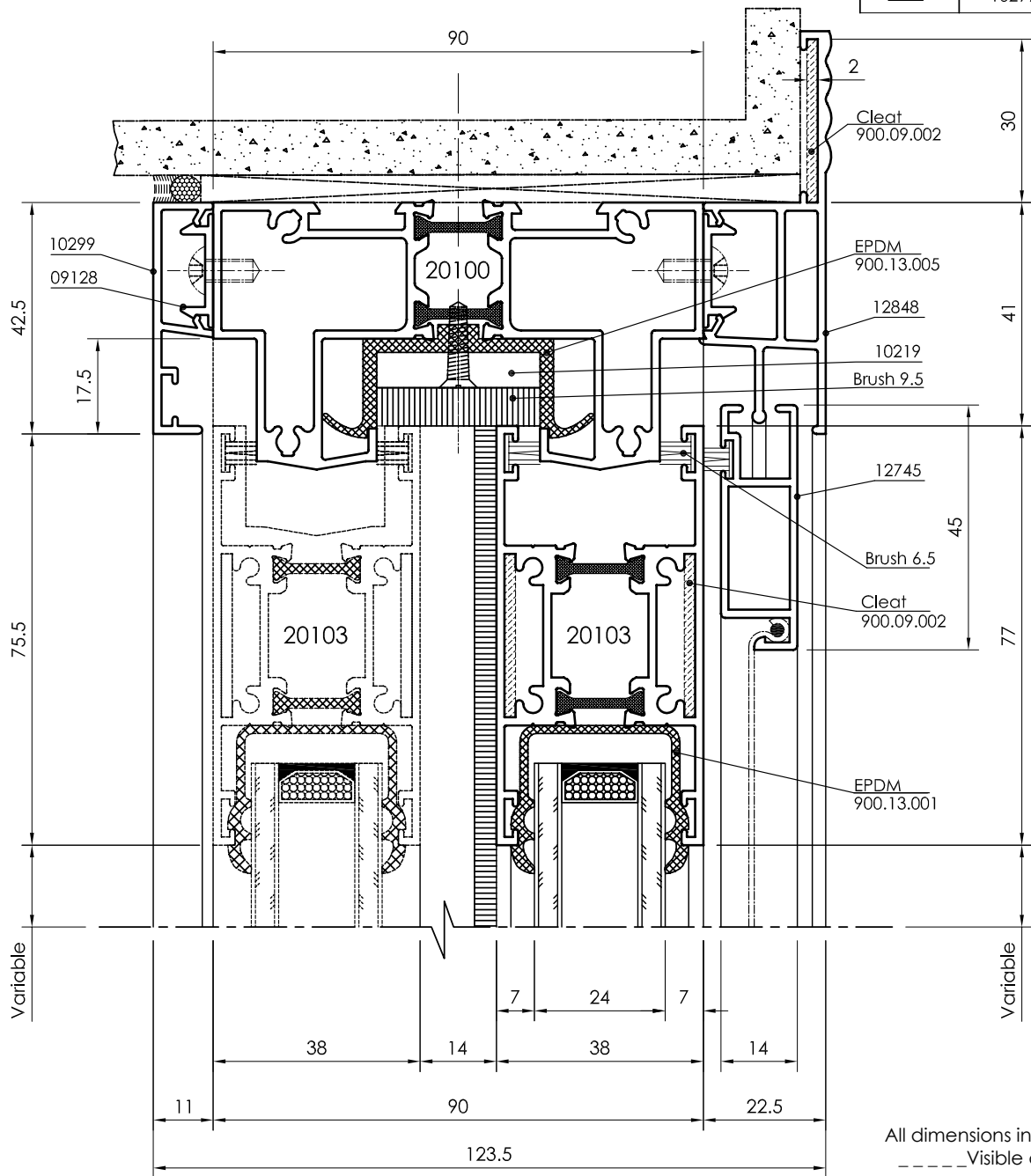
Sliding Window / Door Series 900

Inside flyscreen with architrave

Detail - JJ

Insulated Glass unit with Thickness Ranging from 22 to 24 mm

900-OC-FTWIF (Profiles)	
Shape	Section No.
	20100
	12848
	09128
	10299








All dimensions in mm
--- Visible area

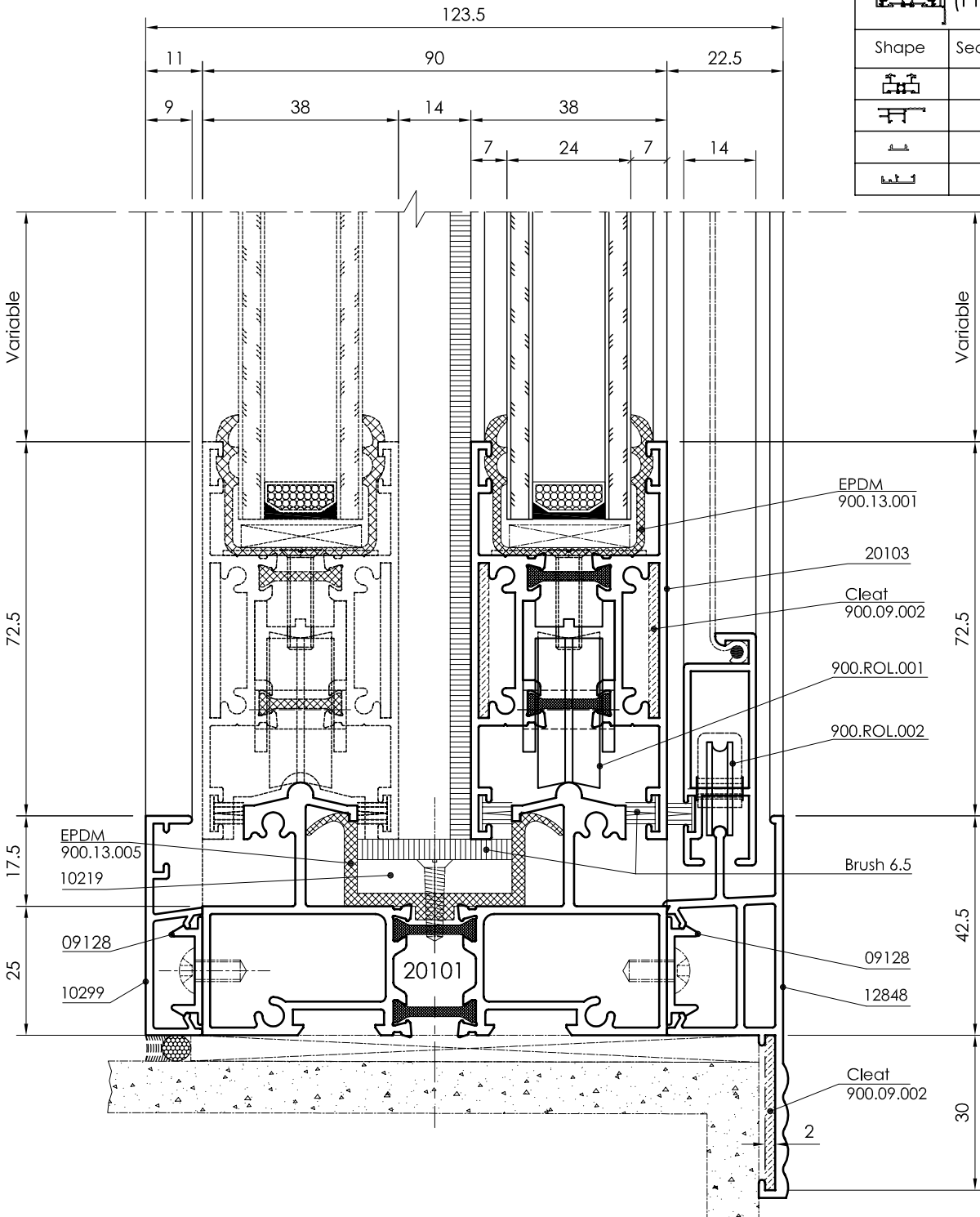
Sliding Window / Door Series 900

Inside flyscreen with architrave

Detail - KK

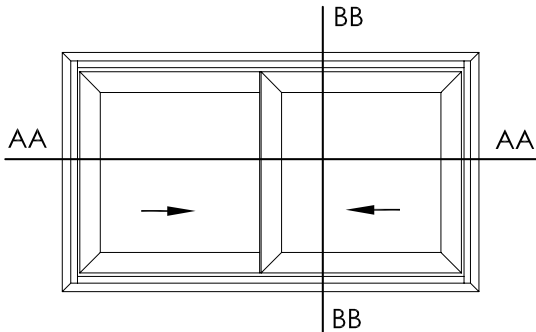
Insulated Glass unit with Thickness Ranging from 22 to 24 mm

900-OC-FBWIF  (Profiles)	
Shape	Section No.
	20101
	12848
	09128
	10299



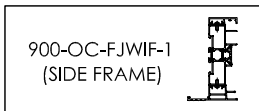
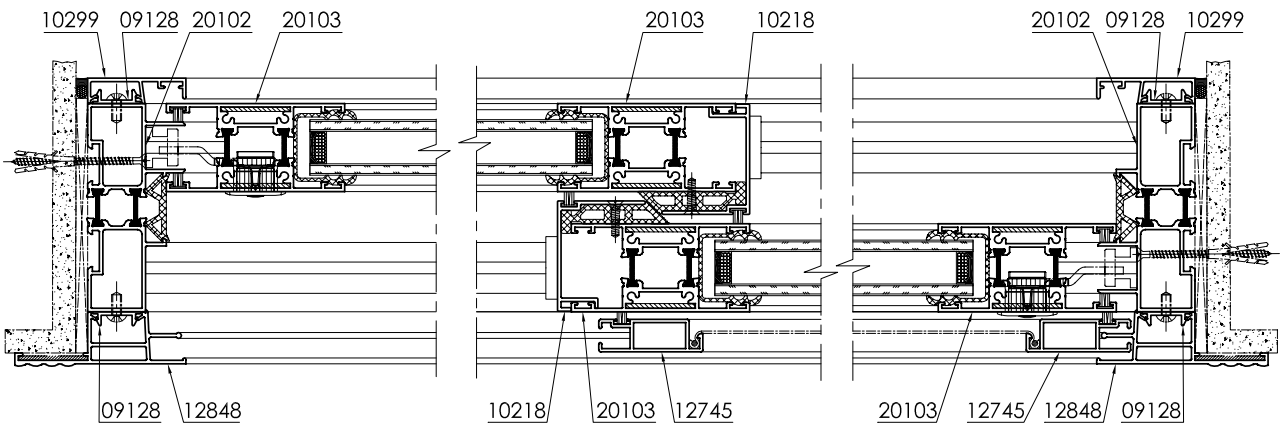
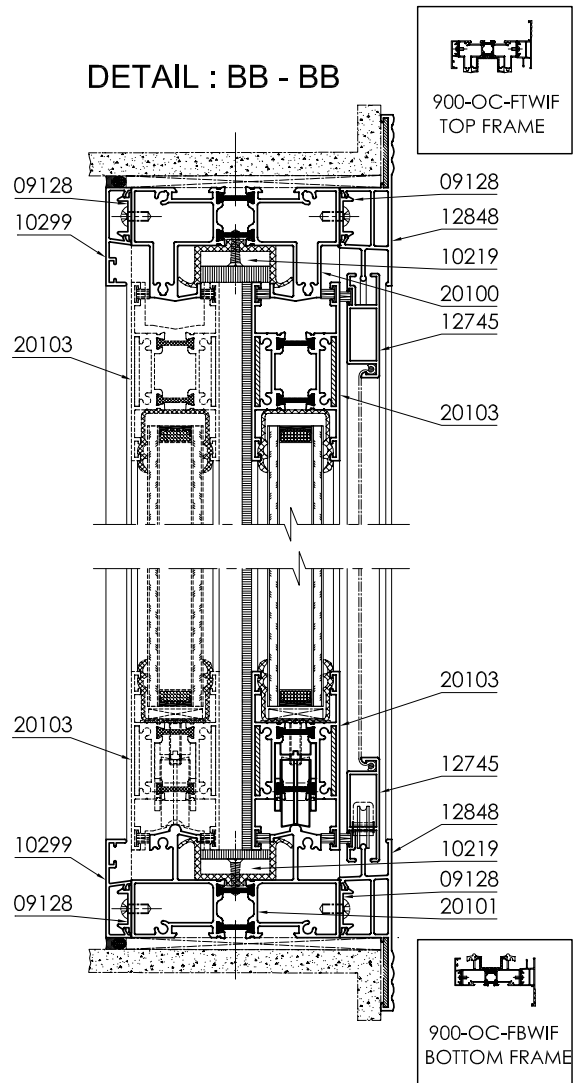
All dimensions in mm
Visible area_____

Sliding Window / Door Series 900
 Inside flyscreen with architrave



Profiles			
Description	Shape	Cut	Section No.
Top Frame			20100
Bottom Frame			20101
Side Frame			20102
Sash			20103
Interlock Clip			10218
Dustproof Profile			10219
Architrave with flyscreen			12848
Clip Profile			09128
Frame end closure Profile			10299
Flyscreen			12745

DETAIL : BB - BB



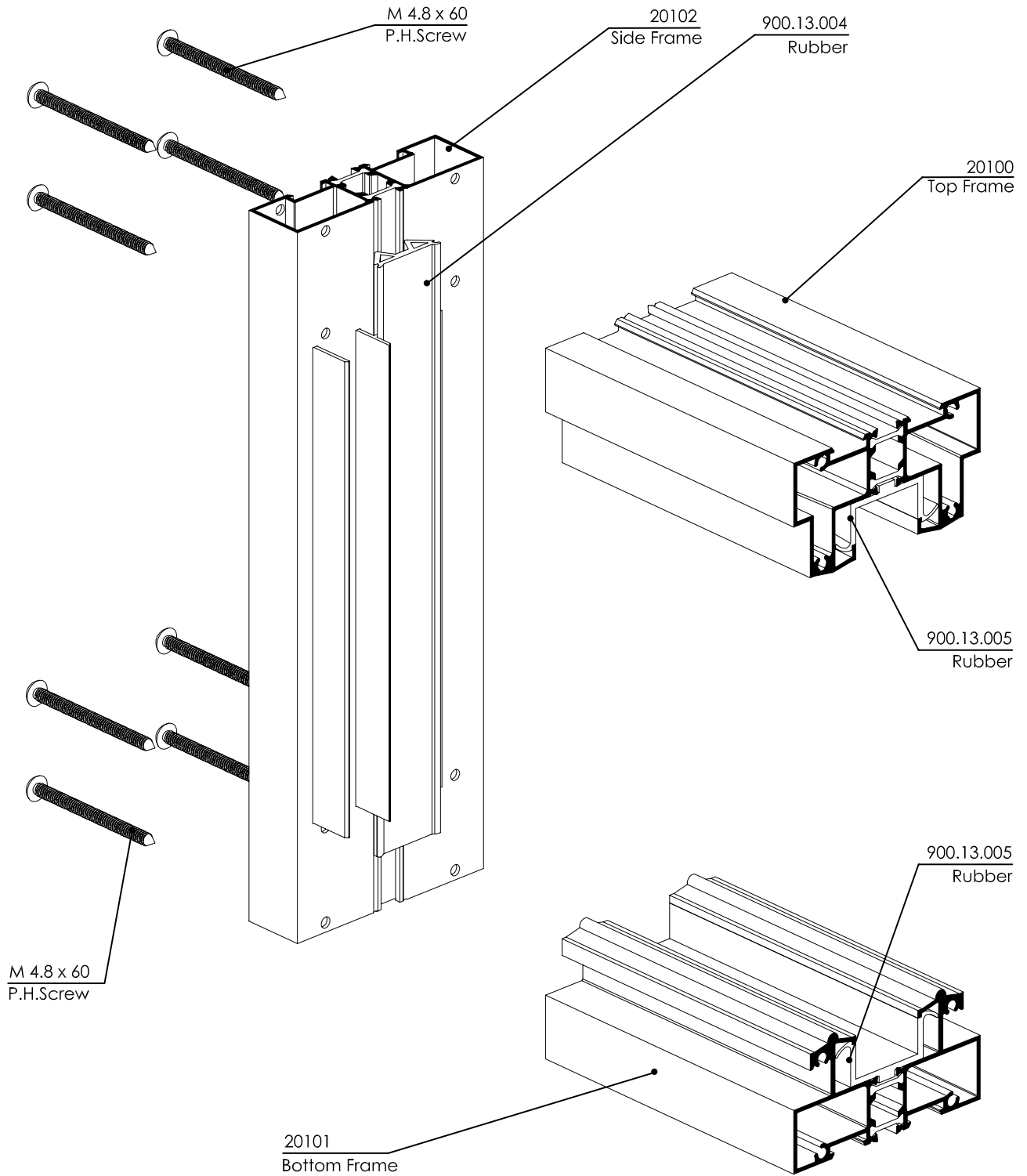
DETAIL : AA - AA



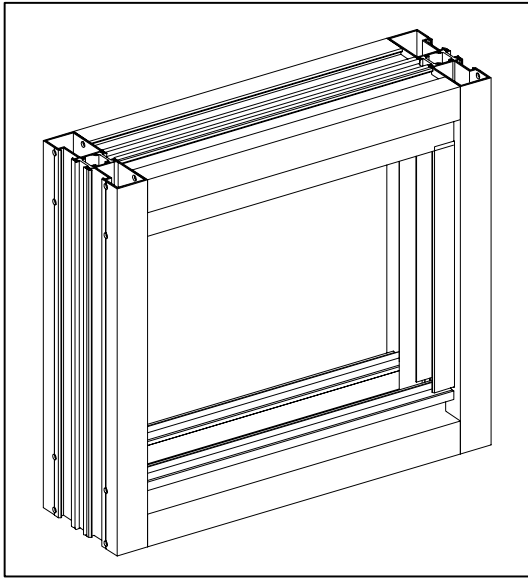
All dimensions in mm
 ----- Visible area

3D SECTIONS

Frame Assembly

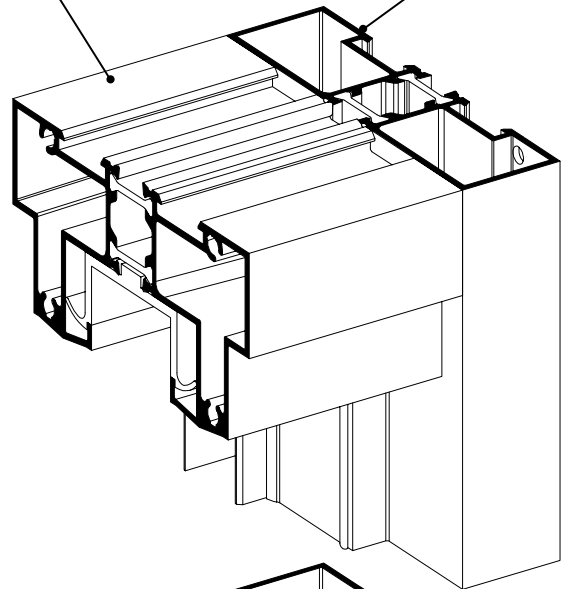


Frame Assembly



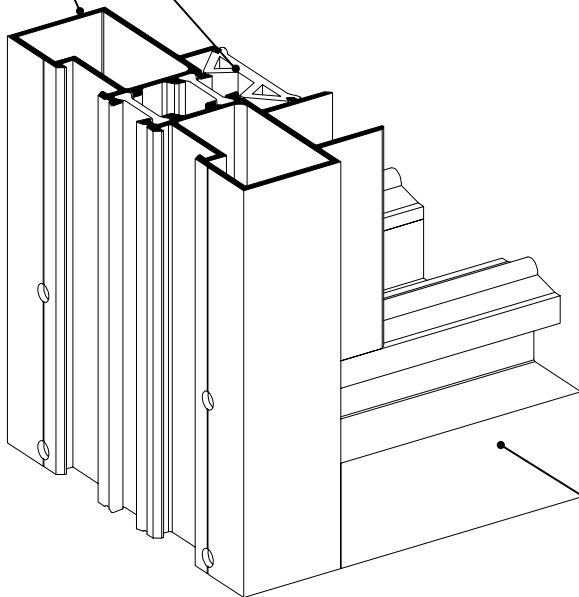
20100
Top Frame

20102
Side Frame

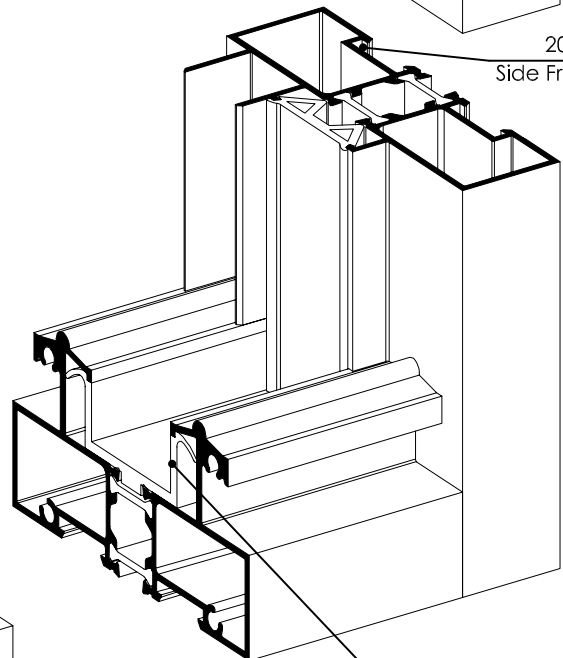


900.13.004
Rubber

20102
Side Frame



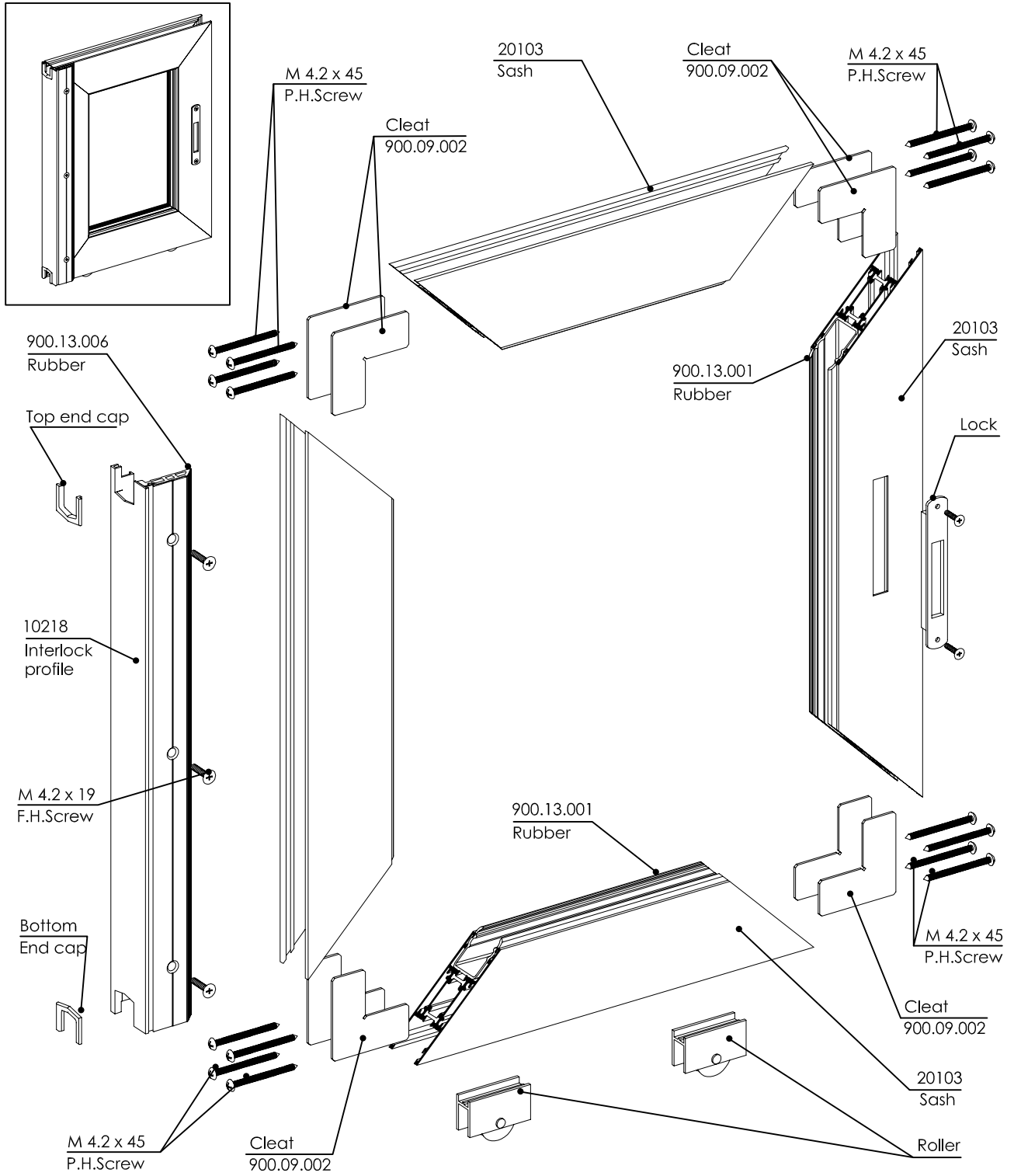
20102
Side Frame



20101
Bottom Frame

900.13.005
Rubber

Sash Assembly



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