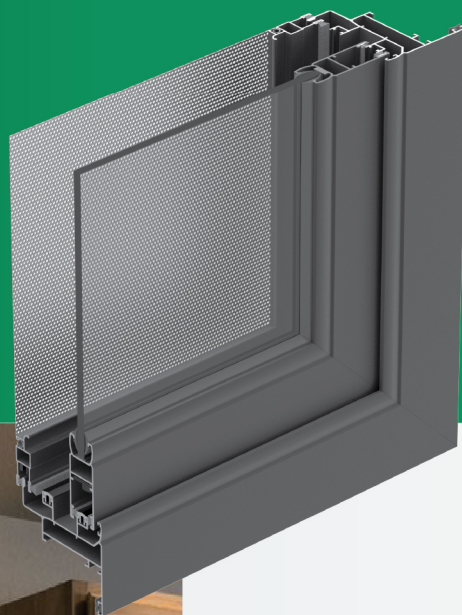




Machines & Aluminium Center
مركز ماكينات ومستلزمات الألومنيوم

NANO 55

Sliding System Catalogue



2026

Ver.04

MACHINES AND ALUMINUM CENTER

Machines and Aluminum Center is an Egyptian based company established in the year 1981 and started its activity with aluminium applications in architectural and construction field.

They represent and cooperate with several leading European firms in field of aluminium business including aluminium fabrication machinery, accessories and hardware for architectural applications and different aluminium systems varying from windows and doors, up to facades and solar protection.

Our goal is to supply our clients with whatever is needed to apply our aluminium systems in the building construction. We are specialized in supplying all required machinery, equipments, dies, punches, hardware and fittings for our aluminium systems.

We offer a wide range of products to local market and neighbor countries. Our product range includes windows and doors, partition systems, different façade solutions and the related integrated accessories.

We partner with our customers with value added services which means that with the help of our specialized team of engineers, we provide our clients with technical support to assist them in improving their product's quality.

We are committed to innovative and creative product design to fulfill all architectural requirements. Our products can meet the most exacting engineering and technical standards while overcoming sophisticated design challenges.



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The profiles shown in this catalogue are patented. .

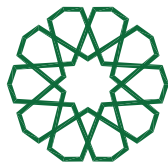
The items shown are the exclusive property of **MACHINES & ALUMINIUM CENTER** and may not be even partially reproduced without **MACHINES & ALUMINIUM CENTER** authorization.

The manufacturer reserves the right to modify the items in this catalog without advanced notice.

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Materials

Aluminium Profiles:

All aluminium profiles are made of EN AW 6063 alloy in accordance with EN 755-1 or EN 12020-1, condition T5, T6. The alloy is resistant to corrosion and permits the production of high precision profiles according to EN 755-9.

Gaskets:

All rubber gaskets profiles are produced from ethylene-propylene rubber (EPDM) are used to seal infill units, window middle part in a hardness that suit its applications, ensuring condensate removal and frame-sash connection.

Accessories:

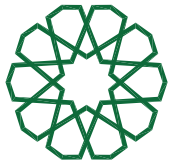
All systems are designed to use most of standard hardware. The hardware should be selected according to the minimum requirements mentioned in the system catalog.

Fixing elements:

All the connectors and fasteners used for profiles, accessories and hardware connection should be made from galvanized steel or stainless steel.

Surface treatment:

All exposed surfaces of the aluminium profiles is treated either by anodizing treatment (QUALANOD certified anodizing) or by electrostatic powder coating to meet international standards (QUALICOAT certified powder coating).



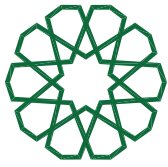
Technical Features

- In all systems there are varieties available in types and dimensions.
- Tolerances in weights & dimensions are according to standard EN 755-9, EN 12020-2 or ANSI H35.2-5.
- The profiles provide a large range of infill types and measures, due to the availability of different profile types and a wide range of gaskets sizes.
- Glazing gaskets inside and outside of E.P.D.M. all-around, gasket profiles visually are in the same level inside and outside to enhance the gasket visibility.
- General compatibility of profiles, accessories and gaskets to hence fewer system accessories and reduced warehouse inventory.
- Charts are available for each system and its profiles indicate allowable panel /sash sizes and the right profile regarding the effective moment of inertia, wind load and window's type to guarantee resistance avoiding any deformation greater than allowable deflection 1/200 of window span according to European Standard hEN 14351-1

under load 500 Pascal up to 1000 Pascal, and up to 2000 Pascal for curtain wall according to EN 13830, charts are available also if requested with deflection (1/175 max 19mm.) of window/façade span according to American Standard) AAMA/WDMA/CSA 101/I.S.2.

- Water resistance is confirmed to International standards, water tightness performance varies according to window type and system design with no water penetration under pressure up to 600 Pascal for sliding types, and not less than 900 Pascal for hinged window types and façade types.

- Air permeability performance varies according to window type and system design, air permeability at pressure 100 Pascal is not greater than 2.25 cubic meter per hour per meter length of opening joint for sliding systems, and not greater than 0.75 cubic meter per hour of opening joint for hinged window types and not greater than 1.5 cubic meter per hour for each square meter of façade types.



Powder Coating

ALWAN is one of the largest facilities in Egypt, in the field of electrostatic application of pure-polyester powder coatings as surface treatment, specifically designed to meet stringent requirements of the construction industry for architectural and industrial aluminum profiles.

We guarantee complete customer satisfaction on all our delivered products. Every production line has a fully equipped laboratory in order to meet all international quality specifications and standards as set by the QUALICOAT organization. The certifications of QUALICOAT  Quality Management ISO 9001 and Environmental Management ISO 14001, provide complete quality assurance. We ensure a full control over all the critical parameters concerning chemical

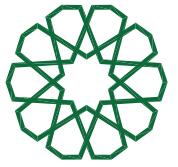
pretreatment and the use of enhanced chemical pretreatment process, with high etching degree, in accordance to QUALICOAT specifications, as well as a full control on the painting processes and polymerization during the whole surface treatment procedure. Therefore, through a unique blending system, stringent quality assurance and compliance to measures, consistent quality during the production process is guaranteed.

The application of the above-mentioned steps will assist along the line with the overall excellent properties and the longevity of the color, providing an attractive finish to the projects and building components by ensuring gloss retention, color stability and corrosion protection.

Available Colors

In regards to the colors, they are available in RAL Gloss & RAL matt. The gloss affects how the eye perceives color so some slight variations in the finish may occur. In addition to that,

the coating provides a wide range of custom-made colors that gives a variety of effects, including metallic effects.



Most of the colors are available in standard durable and some are available in super durable, which complies with advanced levels of weather resistance, gloss and color retention, and corrosion resistance, when compared to the standard durable specification.

Color customization to our standard products may be available on a request basis, with unlimited options of powder coating. In this respect, Non-standard designs and applications can be reviewed to determine the feasibility on a project-specific basis.

Warranty

The warranty is subject to terms and conditions based on the geographical location & when used on an architectural aluminum substrate.

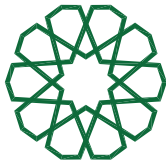
Standard Durable Class 1: Up to 10 years

Super Durable Class 2: Up to 25 years

Notes:

- As the products are very often used under conditions beyond supplier's control, we cannot guarantee anything but the quality of the product itself.
- It is expected that any fading and/or chalking and/or change in gloss retention, either uniform or non-uniform that a color will experience in the field will result in the falling within acceptable range as specified in the Qualicoat specification standards.

*QUALICOAT is a quality label organization committed to maintaining and promoting the quality of lacquering, painting and coating on aluminum and its alloys, for architectural applications.







POWDER COATINGS



Interpon D Approved Applicator




Series D1000

MACHINES AND ALUMINIUM CENTER
(Alwan)
213, 2nd industrial Zone, 6th of October City, Giza
Egypt

Has fulfilled AkzoNobel's tests and inspection regarding the pre-treatment, application, quality management standards and procedures, and complies with the requirements of the Architectural Range Approved Applicator schedule.


This certificate is effective from
12th October 2022 to 11th October 2023

Approved for Aluminium Alloys: AA6060
Approved for Pre-treatment Type: Chrome



 Wael Mahmoud
Sales and Marketing Manager
North Africa & Levant

 12/10/2022
AkzoNobel Industrial Paints



POWDER COATINGS



Interpon D Approved Applicator



Series D2000

MACHINES AND ALUMINIUM CENTER
(Alwan)
213, 2nd industrial Zone, 6th of October City, Giza
Egypt

Has fulfilled AkzoNobel's tests and inspection regarding the pre-treatment, application, quality management standards and procedures, and complies with the requirements of the Architectural Range Approved Applicator schedule.

This certificate is effective from
12th October 2022 to 11th October 2023

Approved for Aluminium Alloys: AA6060
Approved for Pre-treatment Type: Chrome



 Wael Mahmoud
Sales and Marketing Manager
North Africa & Levant

 12/10/2022
AkzoNobel Industrial Paints



Certificate of Approval

Machines & Aluminium Center
(ALWAN)

is certified as an Approved Applicator to coat
Jotun SuperDurable
a product from Jotun Powder Coatings

This Company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings' standards.


December 31, 2025
 (Certificate valid until above date)


 Authorised Signatory
 Jotun Powder Coatings UAE (LLC)



Certificate of Approval

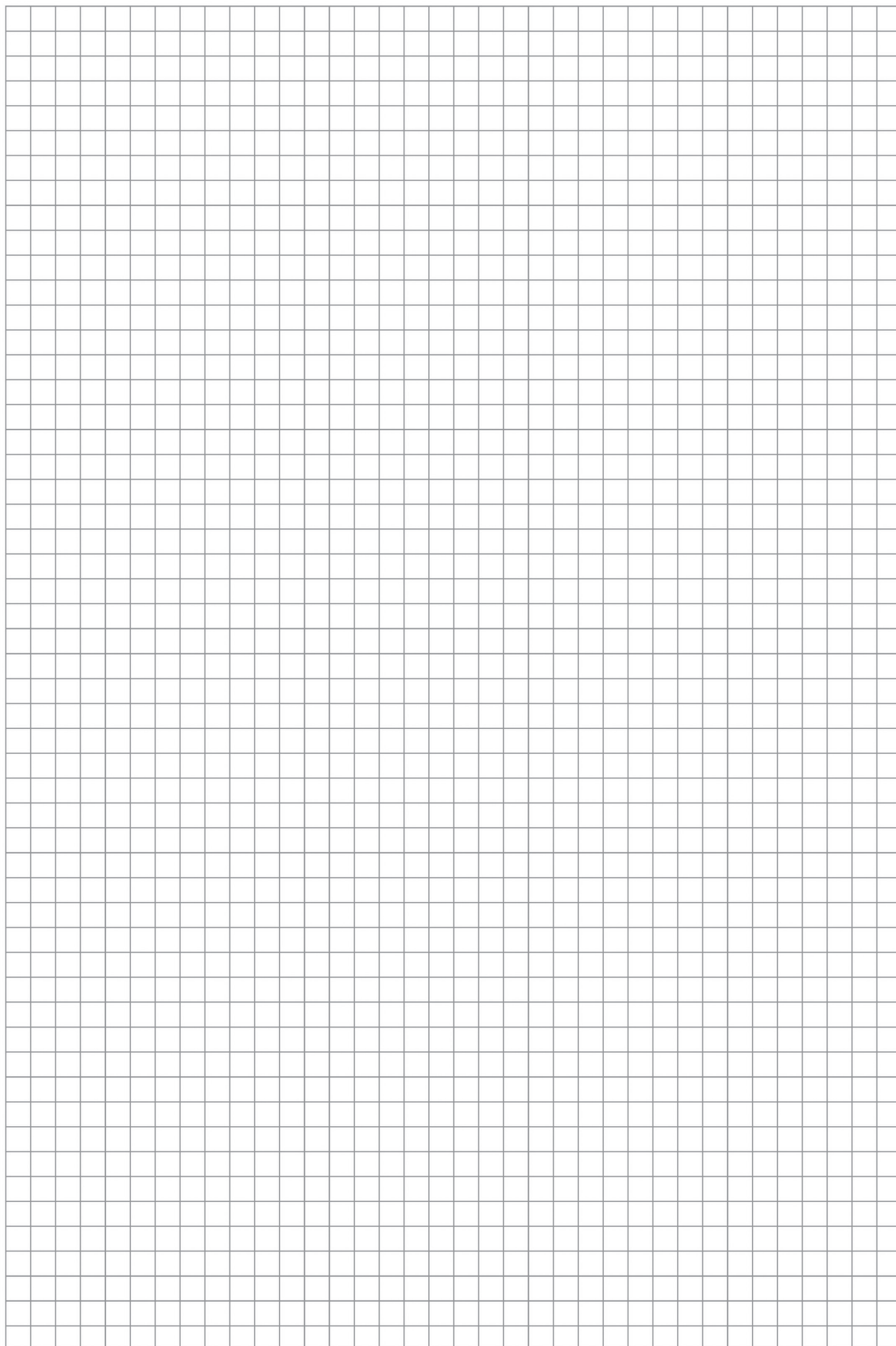
Machines & Aluminium Center
(ALWAN)

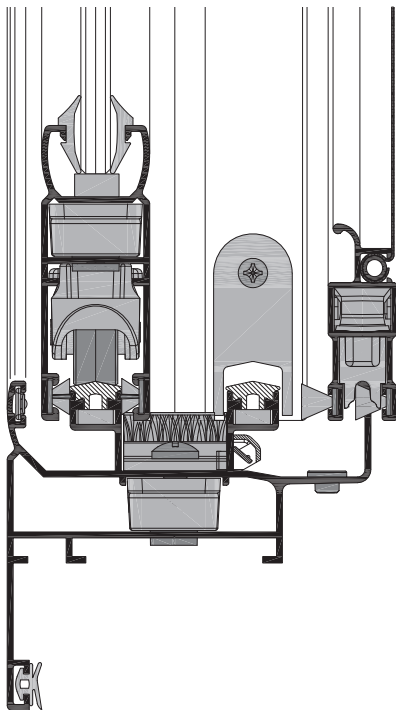
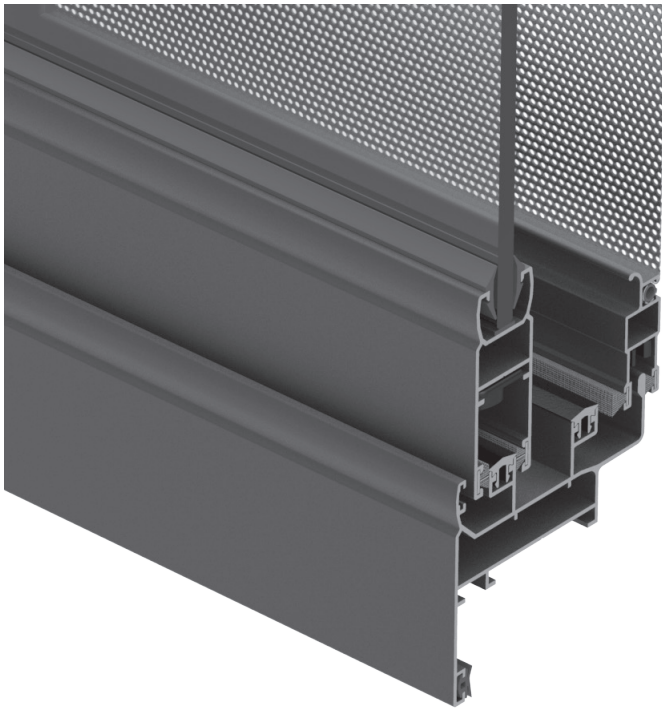
is certified as an Approved Applicator to coat
Jotun Facade
a product from Jotun Powder Coatings

This Company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings' standards.


December 31, 2023
 (Certificate valid until above date)


 Authorised Signatory
 Jotun Powder Coatings UAE (LLC)





- Ideal solution for small to medium windows for economic residential buildings.
- Offers an extensive range of profiles for the construction of elegant and moderately priced aluminium frames in functional style.
- Offering a very competitive solution.
- Available in the double or triple track design, structures with up to six leaves.
- Most of the accessories can be adjusted and fixed with set screws.

Technical Characteristics

Frame Depth

56 mm. to 125 mm.

Frame Height

37 mm. to 91 mm.

Sash Depth

22 mm.

Sash Height

60 mm.

Max Glass Thickness

Up to 8 mm.

Max Sash Weight

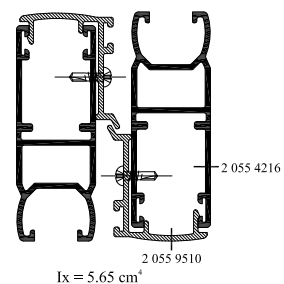
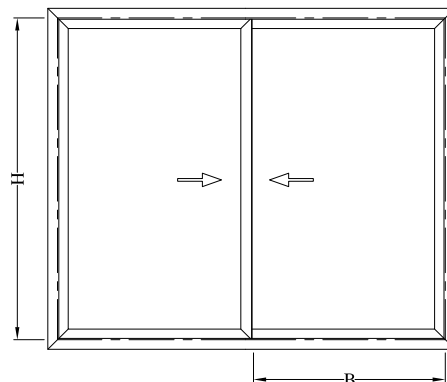
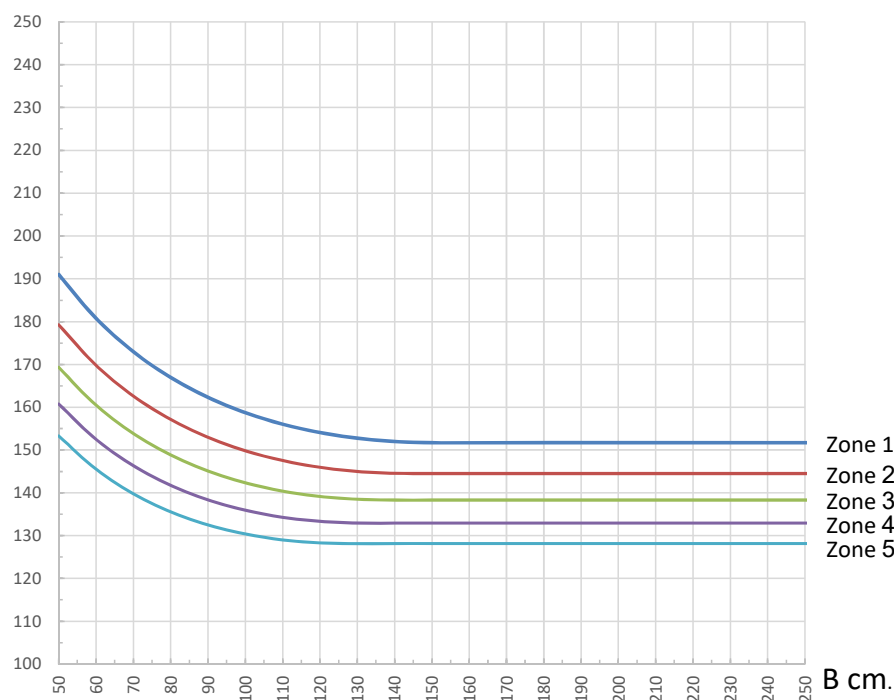
Up to 60 kg.

Sealing Type

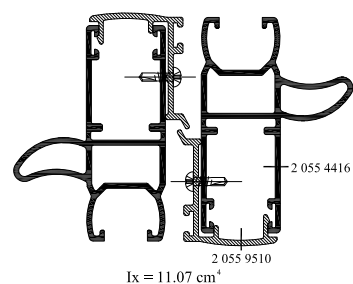
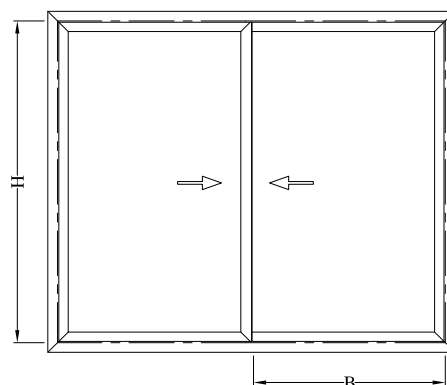
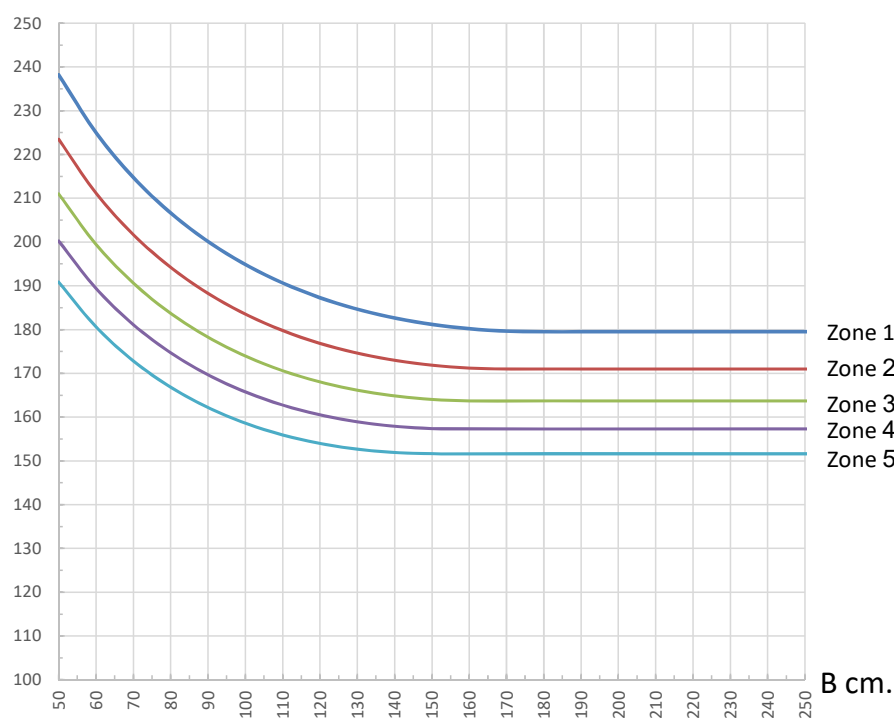
Perimetrical, with two rows of high-density brushes

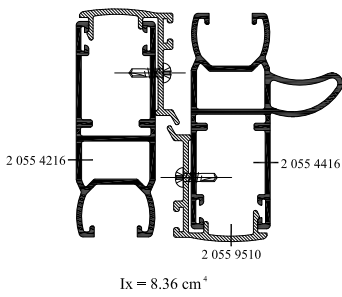
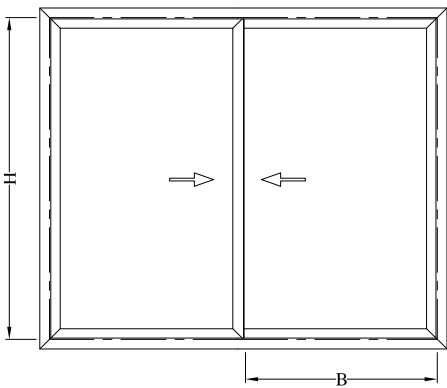
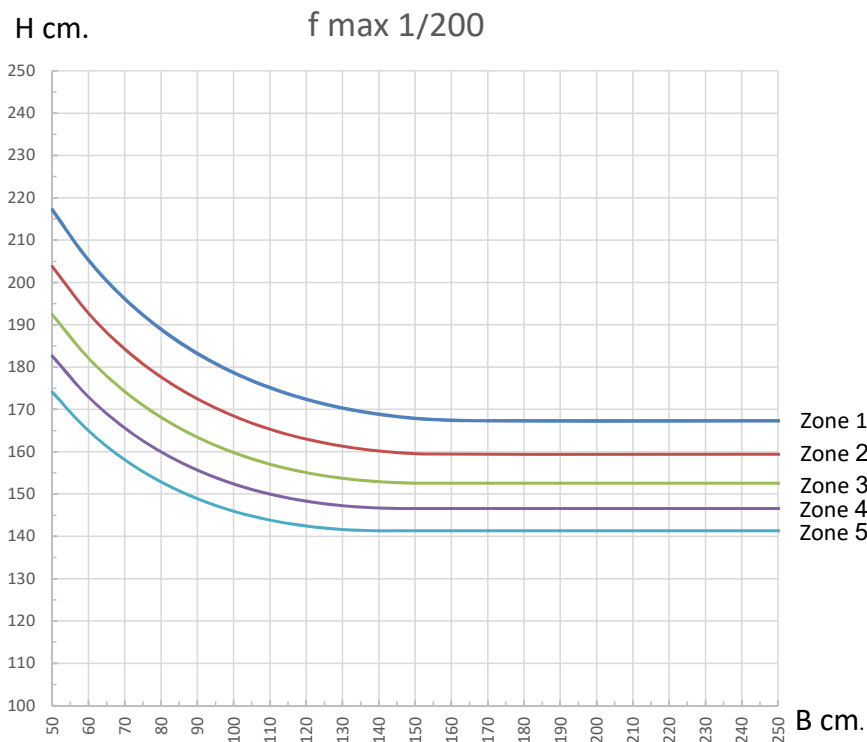


H cm. f max 1/200



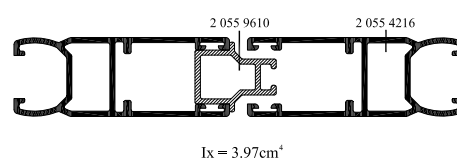
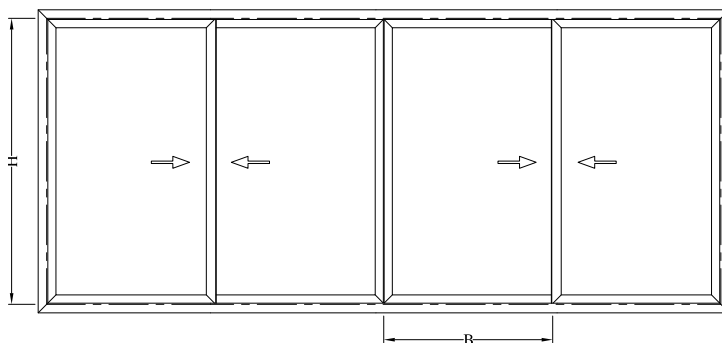
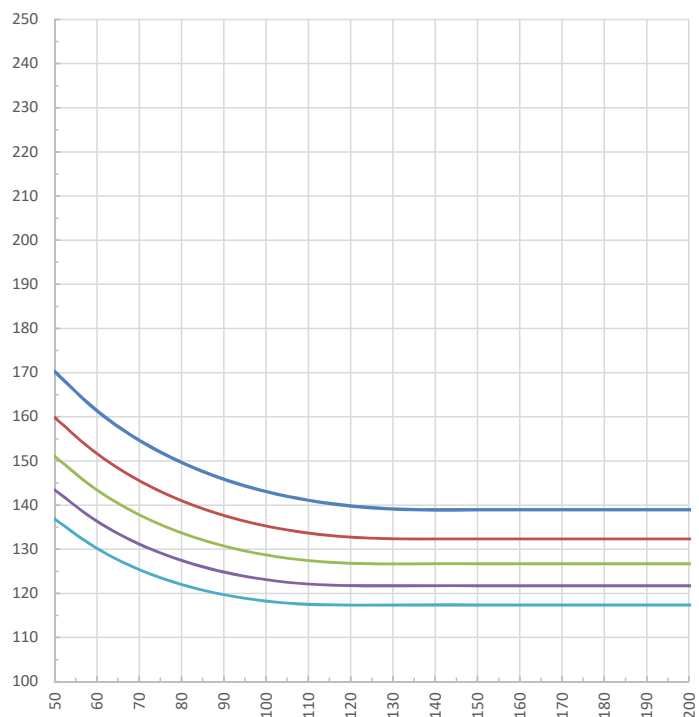
H cm. f max 1/200



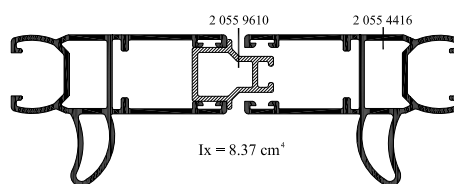
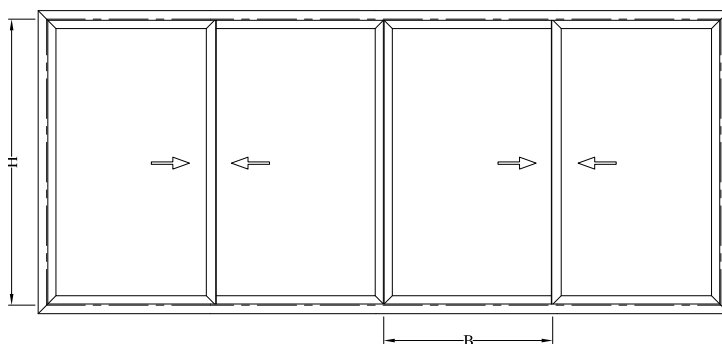
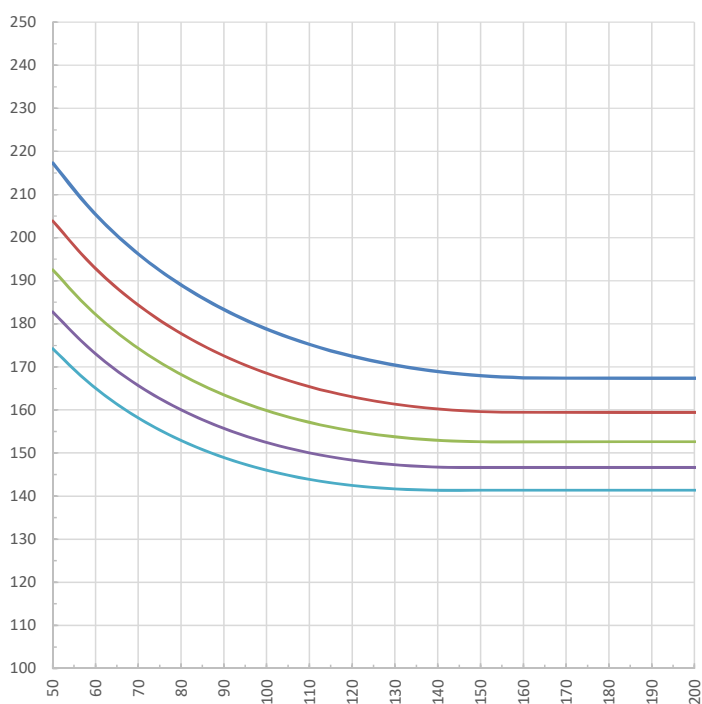


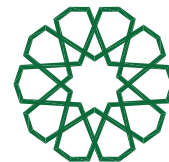







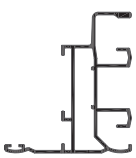
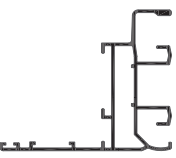
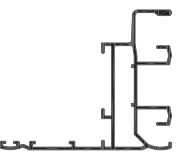

H cm. f max 1/200

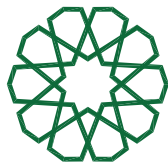




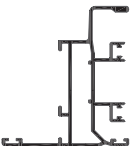








H cm. f max 1/200





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					I _x	I _y	
	2 055 1310	Frame Profile	0.816	352	10.73	3.74	23
	2 055 1330	Frame Profile	0.936	427	13.89	9.04	23
	2 055 1336	Frame Profile	0.926	426	13.70	8.88	23
	2 055 1356	Frame Profile	1.039	568	27.02	22.46	23
	2 055 1410	Frame Profile	0.971	427	19.60	4.23	24
	2 055 1436	Frame Profile	1.088	502	24.01	9.83	24
	2 055 1450	Frame Profile	1.199	569	27.09	22.64	24
	2 055 1456	Frame Profile	1.194	568	27.02	22.46	24
	2 055 1900	Frame Profile	1.607	634	93.76	7.08	26




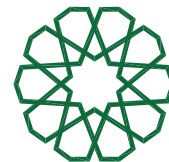
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					I _x	I _y	
	2 055 2410	Frame Profile	0.978	436	19.71	3.73	25
	2 055 2420	Frame Profile	1.038	460	19.85	3.95	25
	2 055 2430	Frame Profile	1.114	526	24.62	9.52	25
	2 055 2450	Frame Profile	1.246	574	27.92	21.98	25
	2 055 4210	Leaf Profile	0.608	313	1.93	6.78	26
	2 055 4216	Leaf Profile	0.600	307	1.87	6.65	26
	2 055 4416	Leaf Profile	0.745	342	4.01	6.99	26
	2 055 5210	Transom Profile	0.628	238	1.17	6.90	26
	2 055 9510	Insert Profile	0.254	151	0.58	0.97	26
	2 055 9610	Insert Profile	0.232	88	0.23	0.46	26
	1 041 2051	Frame Profile	0.819	307.00	9.63	3.83	27



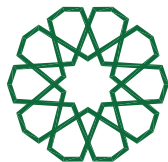
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	1 041 6160	Glass Beading Profile	0.204	138.00	0.29	0.46	27
	2 060 9210	Insert Profile	0.102	47.00	0.02	0.02	27
	2 060 9220	Insert Profile	0.088	45.00	0.01	0.02	27
	5 020 4210	Fly Screen Leaf Profile	0.313	185.00	0.29	1.51	27
	9 001 1100	Additional Profile	0.092	41.99	0.01	0.01	28
	9 001 1300	Additional Profile	0.240	115.66	1.66	0.03	28
	9 001 1302	Additional Profile	0.308	153.80	2.05	0.24	28
	9 001 1303	Additional Profile	0.285	156.35	1.95	0.17	28
	9 001 1304	Additional Profile	0.259	130.82	1.81	0.05	28
	9 001 1305	Additional Profile	0.263	139.31	1.76	0.05	28
	9 001 1308	Additional Profile	0.291	140.07	1.89	0.27	28
	90011500	Additional Profile	0.348	183.22	6.10	0.03	29











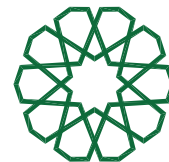
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	90011503	Additional Profile	0.401	219.02	7.49	0.32	29
	90011504	Additional Profile	0.370	191.22	6.73	0.07	29
	90011505	Additional Profile	0.383	194.11	6.40	0.07	29
	90011507	Additional Profile	0.383	186.07	6.30	0.04	29
	9 002 1200	Additional Profile	0.181	81.24	0.01	0.11	28






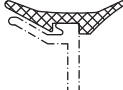

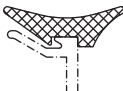
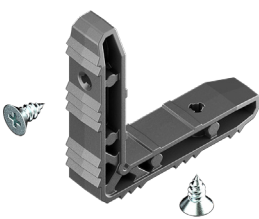
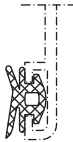

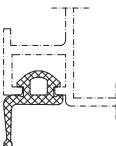


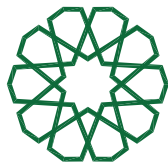
 <p>01 4160 0</p>	<p>Corner Joint</p> <p>Material: Aluminium</p> <p>Finish: Raw</p>	 <p>01 8760 0</p>	<p>Alignment Angel</p> <p>Material: Polyamide</p> <p>Finish: Black</p>
 <p>01 4260 0</p>	<p>Corner Joint</p> <p>Material: Aluminium</p> <p>Finish: Raw</p>	 <p>20 2520 0</p>	<p>Single Roller</p> <p>Material: Polyamide</p> <p>Finish: Black</p>
 <p>01 6730 0</p>	<p>Alignment Angel</p> <p>Material: Aluminium</p> <p>Finish: Raw</p>	 <p>20 2550 0</p>	<p>Single Roller</p> <p>Material: Polyamide</p> <p>Finish: Black</p>
 <p>01 7710 0</p>	<p>Alignment Angel</p> <p>Material: Steel</p> <p>Finish: Galvanized</p>	 <p>22 1550 0</p>	<p>Anti-dust Cap</p> <p>Material: Aluminium</p> <p>Finish: Raw, Anodized, RAL</p>
 <p>01 8700 0</p>	<p>Alignment Angel</p> <p>Material: Polyamide</p> <p>Finish: Black</p>	 <p>24 1650 0</p>	<p>Cover Cap</p> <p>Material: Polyamide</p> <p>Finish: Black</p>
 <p>01 8755 0</p>	<p>Alignment Angel</p> <p>Material: Polyamide</p> <p>Finish: Black</p>	 <p>26 3590 0</p>	<p>Shock Absorber</p> <p>Material: Polyamide</p> <p>Finish: Black</p>

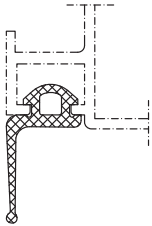
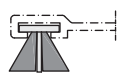
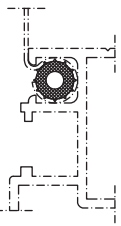


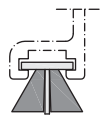


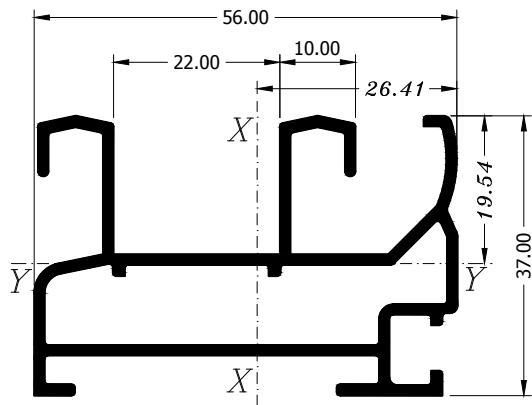
 <p>28 1100 0</p>	<p>Drainage Cover</p> <p>Material: Polyamide</p> <p>Finish: Black</p>	 <p>42 3400 0</p>	<p>Siwa Handle (Manual)</p> <p>Material: Aluminium</p> <p>Finish:Natural, Anodized, RAL</p>
 <p>28 2300 0</p>	<p>Drainage Cover</p> <p>Material: Polyamide</p> <p>Finish: Black</p>	 <p>42 3440 0</p>	<p>Nubia Handle (Manual)</p> <p>Material: Aluminium</p> <p>Finish:Natural, Anodized, RAL</p>
 <p>42 1150 0</p>	<p>Lotus Handle</p> <p>Material: Polyamide</p> <p>Finish:Raw, Anodized, RAL</p>	 <p>46 1540 0</p>	<p>Nova Pull Handle</p> <p>Material: Aluminium</p> <p>Finish:Natural, Anodized, RAL</p>
 <p>42 1190 0</p>	<p>Atlas Handle (Automatic) 170 mm.</p> <p>Material: Aluminium</p> <p>Finish:Raw, Anodized, RAL</p>	 <p>46 2560 0</p>	<p>Esna Pull Handle</p> <p>Material: Aluminium</p> <p>Finish: Natural, Ral</p>
 <p>42 1460 0</p>	<p>Rasheed Handle (Manual)</p> <p>Material: Aluminium (Polyamide Core)</p> <p>Finish:Raw, Anodized, RAL</p>	 <p>46 2570 0</p>	<p>Setra Pull Handle</p> <p>Material: Aluminium</p> <p>Finish:Natural, Anodized, RAL</p>
 <p>42 2230 0</p>	<p>Taba Handle (Manual)</p> <p>Material: Aluminium</p> <p>Finish:Raw, Anodized, RAL</p>	 <p>48 2100 0</p>	<p>Isis Handle Intermediate 10 cm</p> <p>Material: Aluminium</p> <p>Finish:Natural, Anodized, RAL</p>



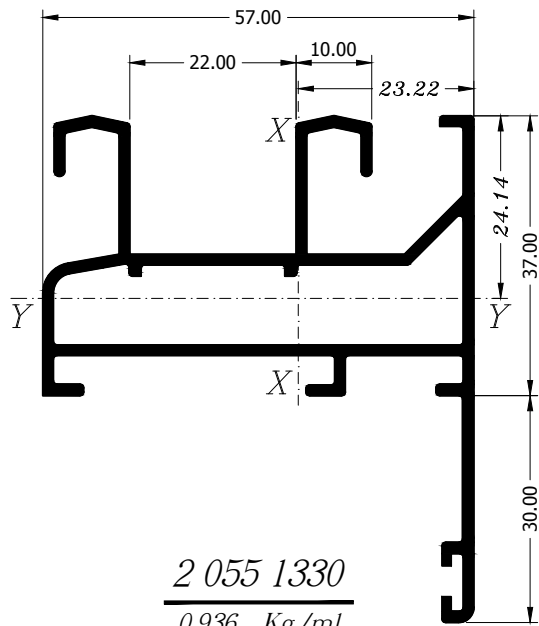
 48 2160 0	Isis Handle Intermediate 16 cm Material: Aluminium Finish: Natural, Anodized, RAL	 72 1451 0	Flyscreen Handle Material: Polyamide Finish: Black
 58 1030 0	Striker Material: Zama Finish: Galvanized	 GT 1121	Glazing Gasket 1:2 mm. Material: E.P.D.M Finish: Black
 58 2050 0	Striker Material: Zama Finish: Galvanized	 GT 1122	Glazing Gasket 2:3 mm. Material: E.P.D.M Finish: Black
 60 0500 0	Clip Material: Polyamide Finish: Black	 GT 1124	Glazing Gasket 4:5 mm. Material: E.P.D.M Finish: Black
 72 1014 0	Flyscreen Corner Material: Polyamide Finish: Black	 GT 1152	Frame Gasket 1:2 mm. Material: E.P.D.M Finish: Black
 72 1308 0	Flyscreen Slider Material: Polyamide Finish: Black	 GT 1200	Frame Gasket Material: E.P.D.M Finish: Black



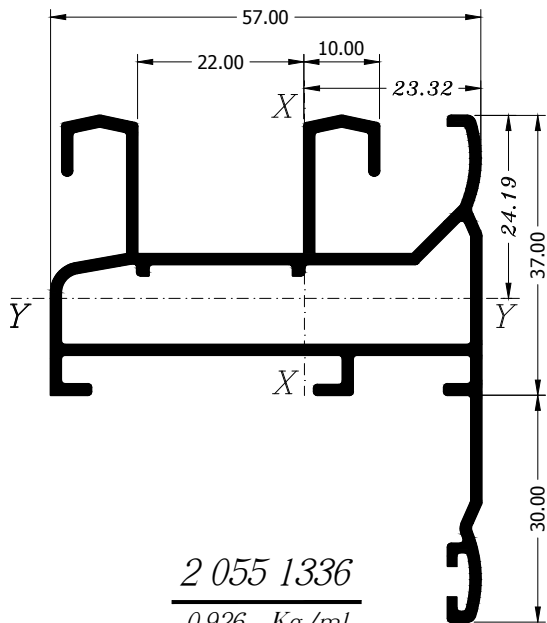
 GT 1201	Frame Gasket Material: E.P.D.M Finish: Black	 WS 0510	Weather Strip 5x10 Material: Finish: Black
 GT 1181	FlyScreen Gasket Material: E.P.D.M Finish: Black	 WS 0707 F	Weather Strip 7x7 Material: Finish: Black
 WS 0507	Weather Strip 5x7 Material: Finish: Black	 WS 0710 F	Weather Strip 7x10 Material: Finish: Black



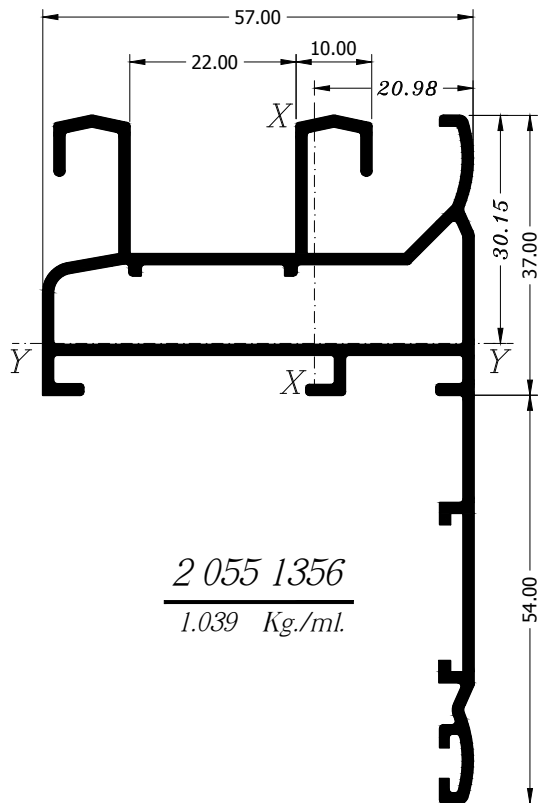
2 055 1310
0.816 Kg./ml.



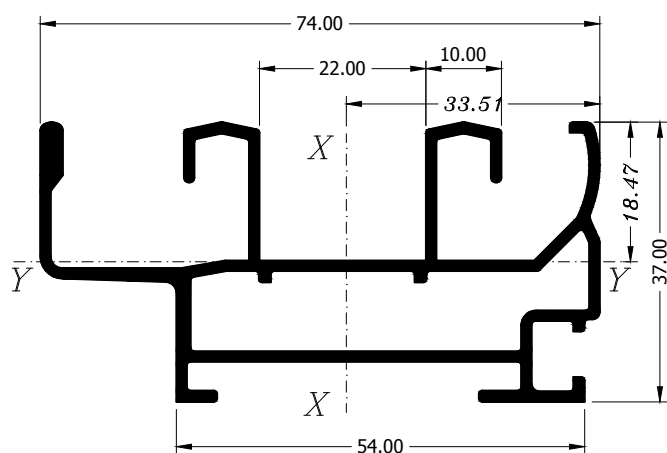
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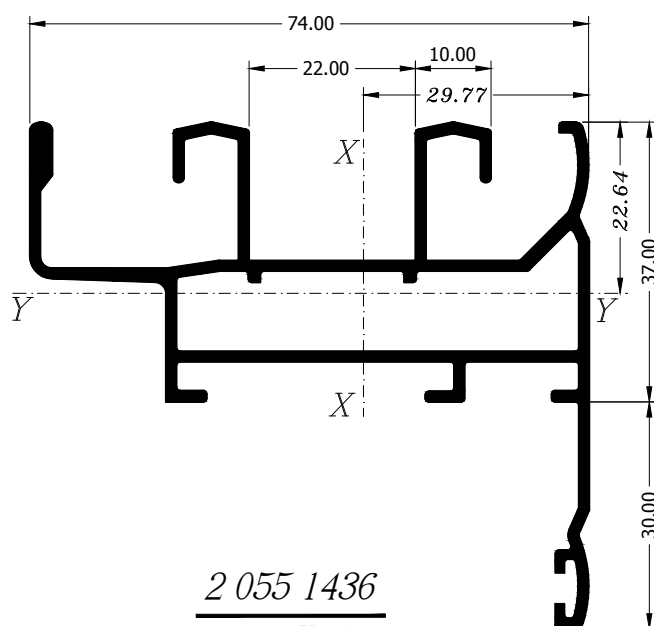
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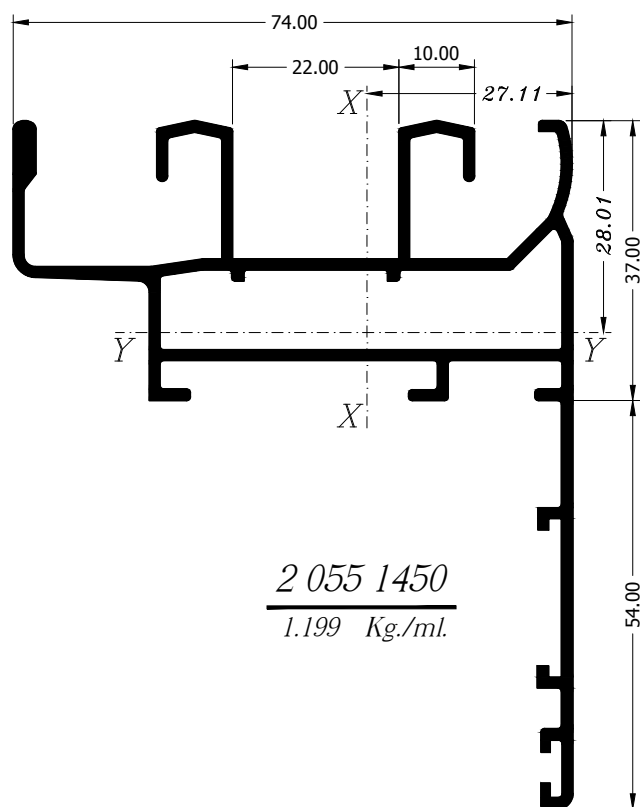
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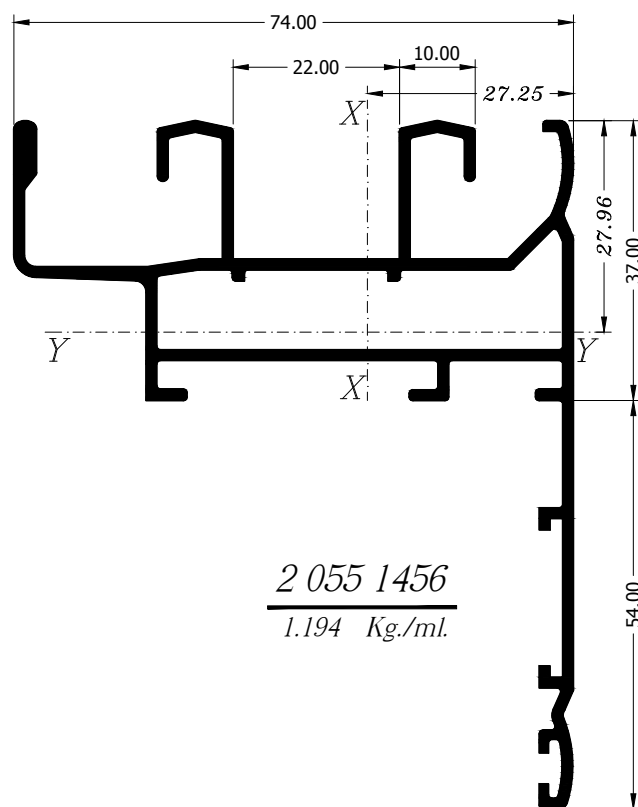
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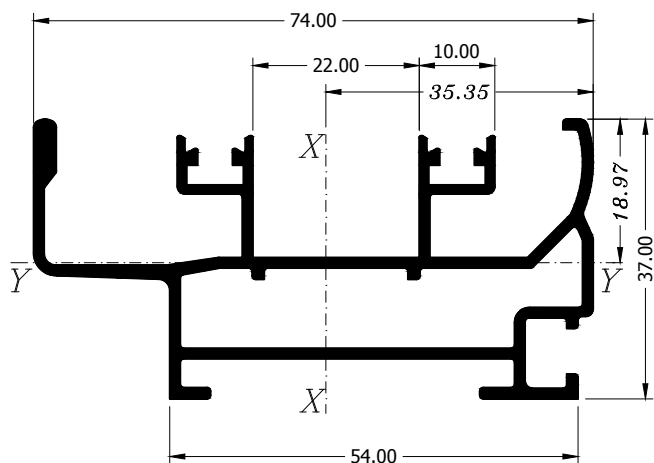
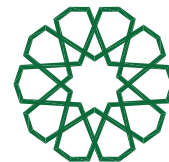
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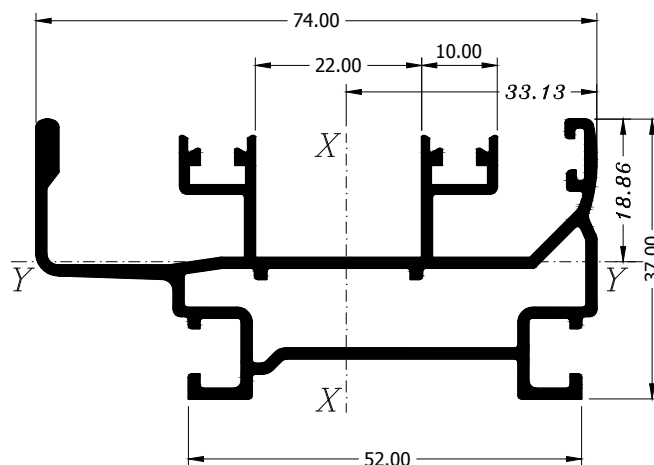
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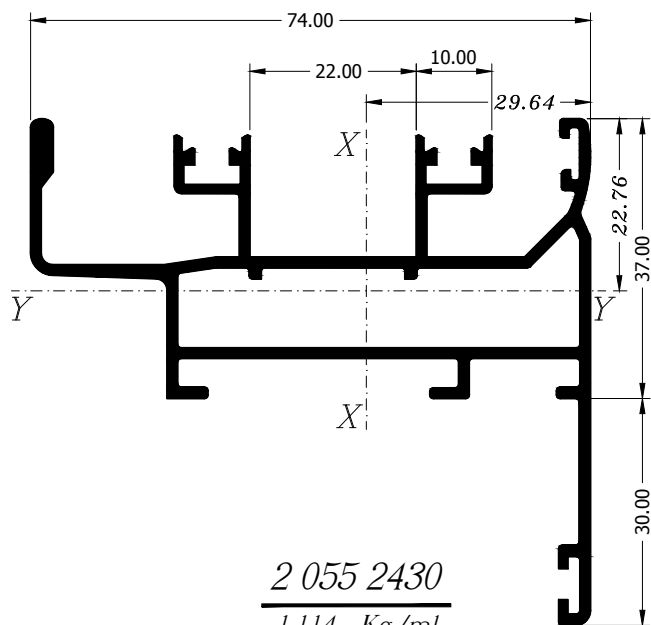
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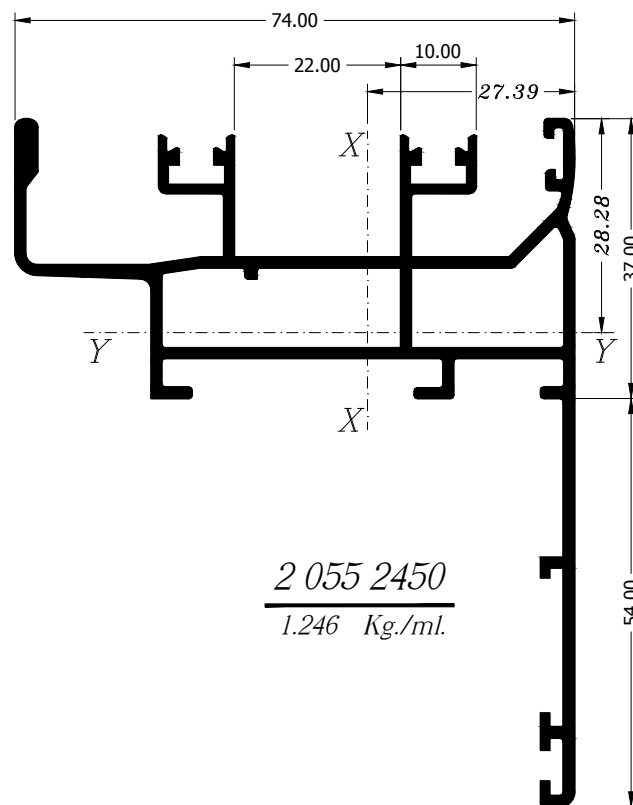
2 055 2410
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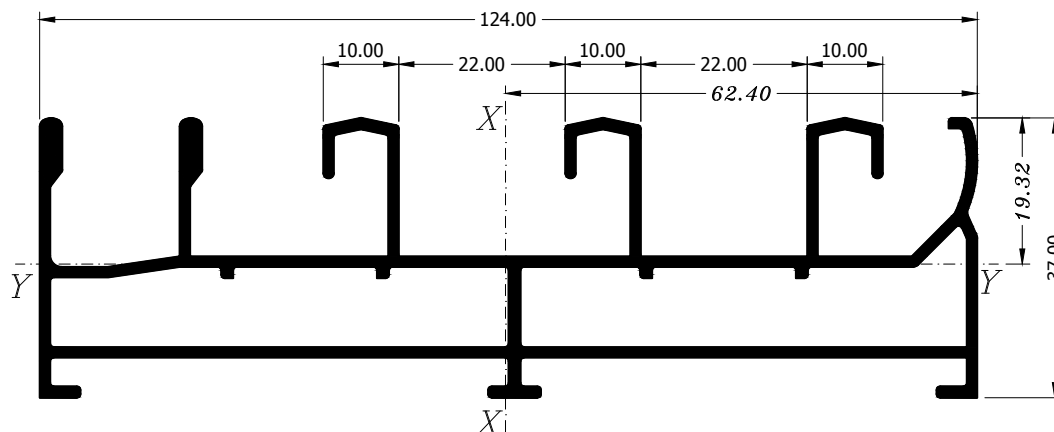
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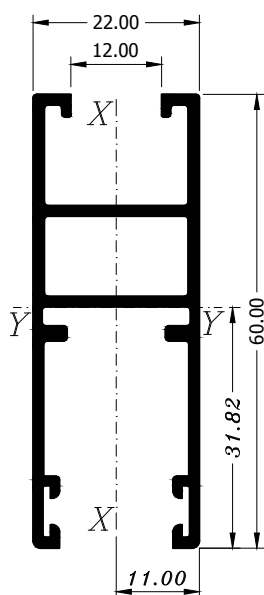
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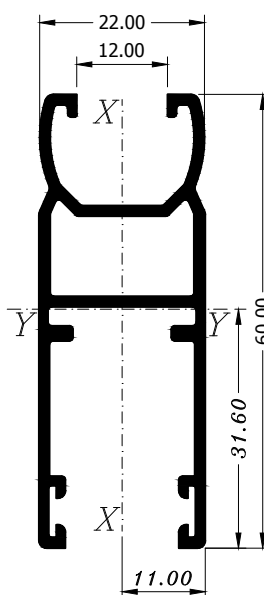
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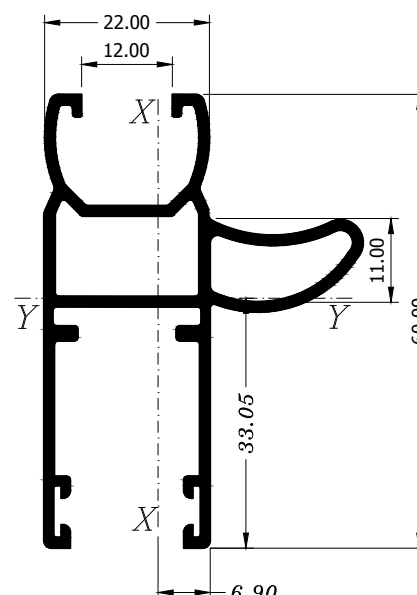
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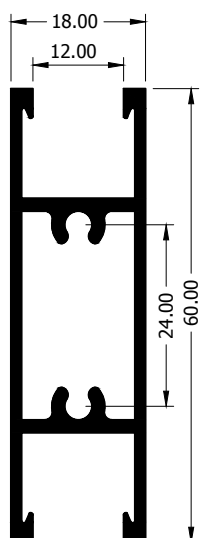
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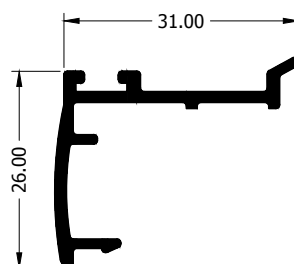
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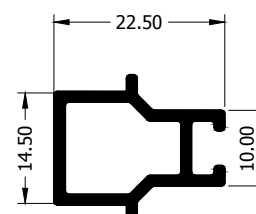
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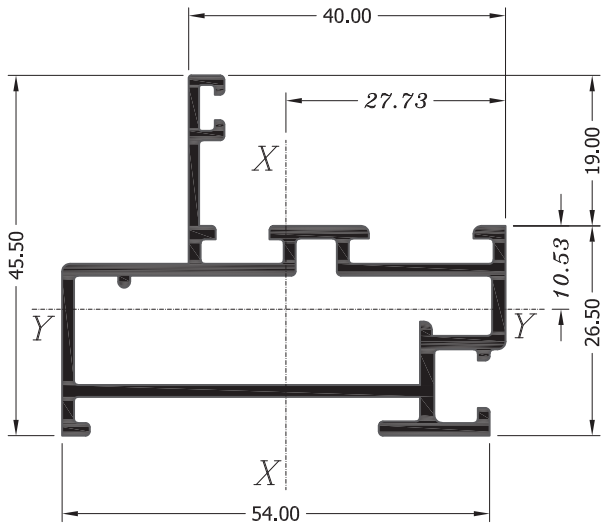
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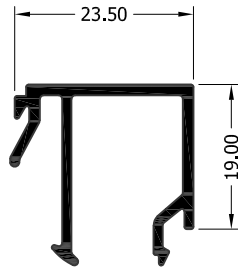
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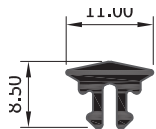
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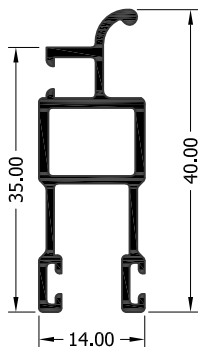
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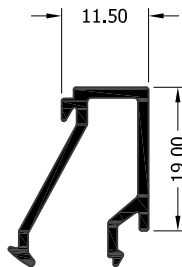
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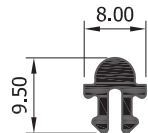
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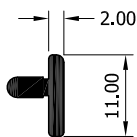
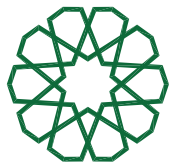
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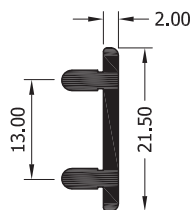
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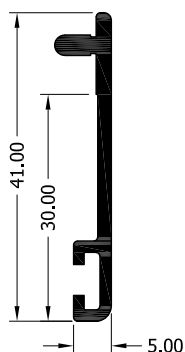
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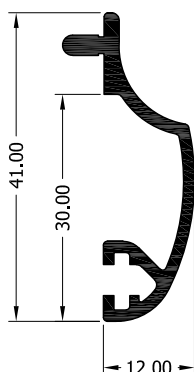
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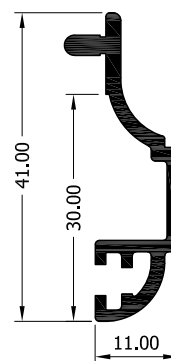
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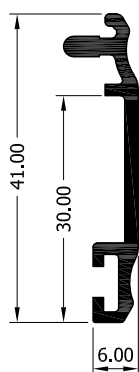
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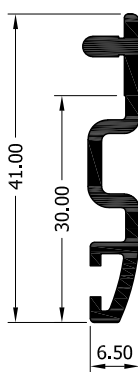
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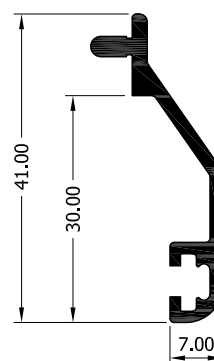
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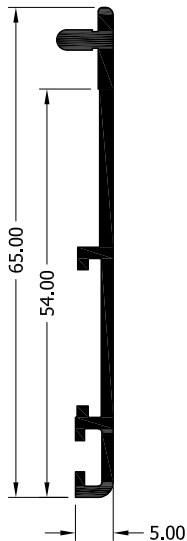
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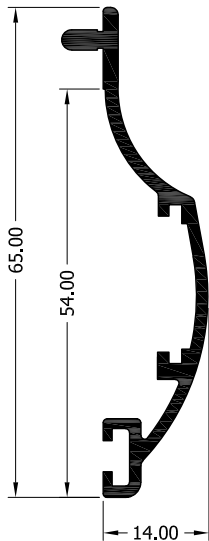
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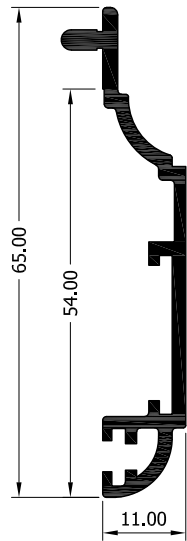
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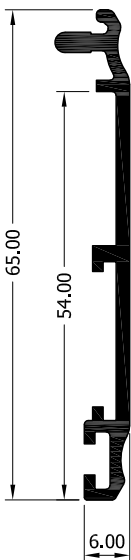
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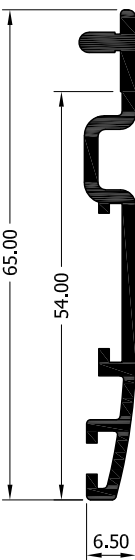
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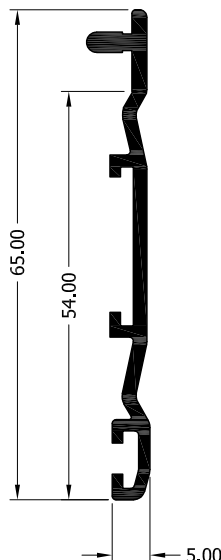
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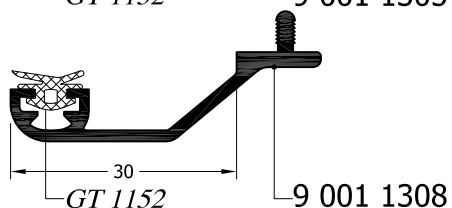
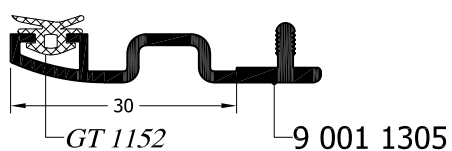
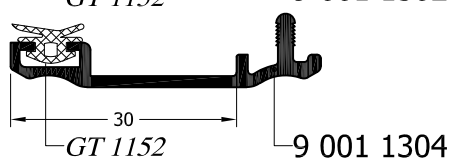
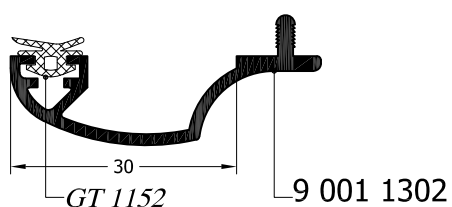
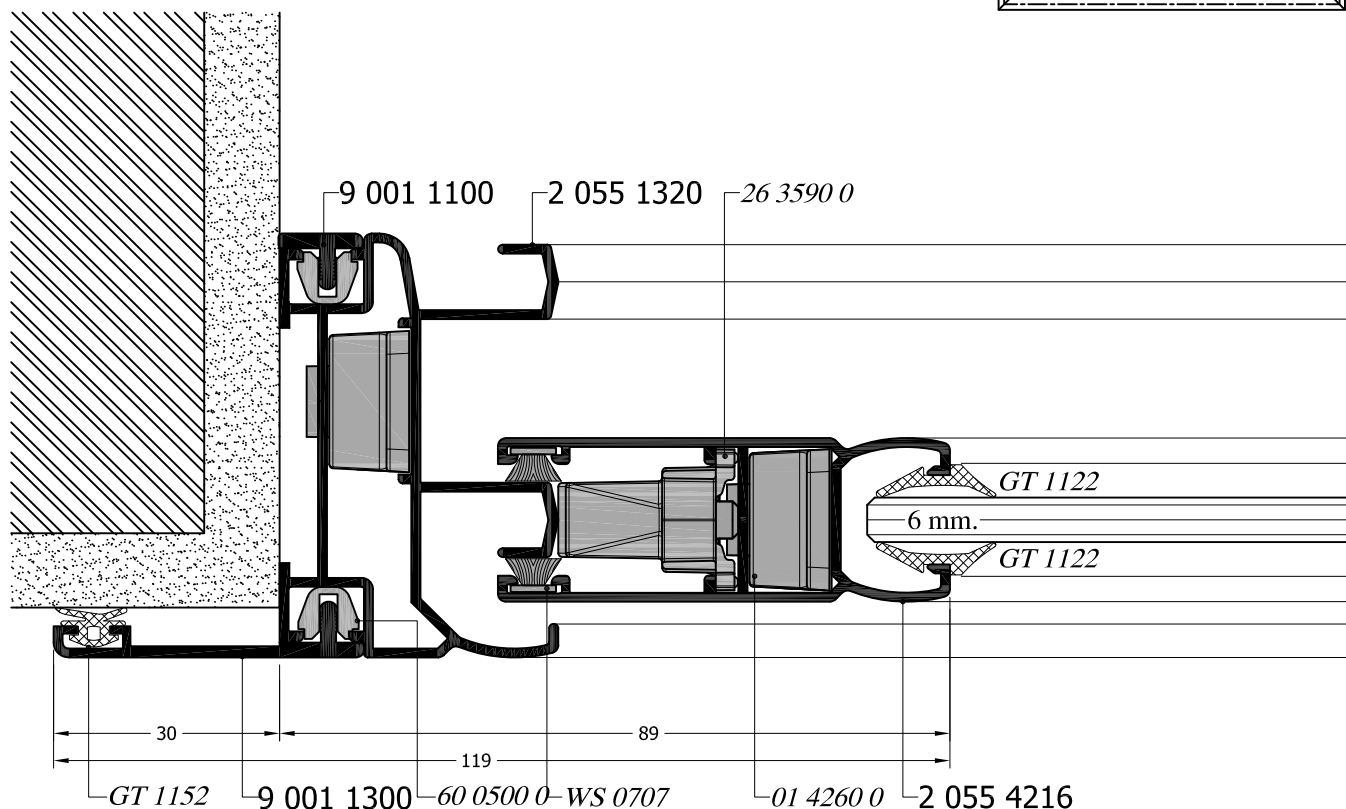
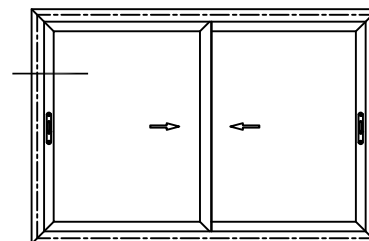
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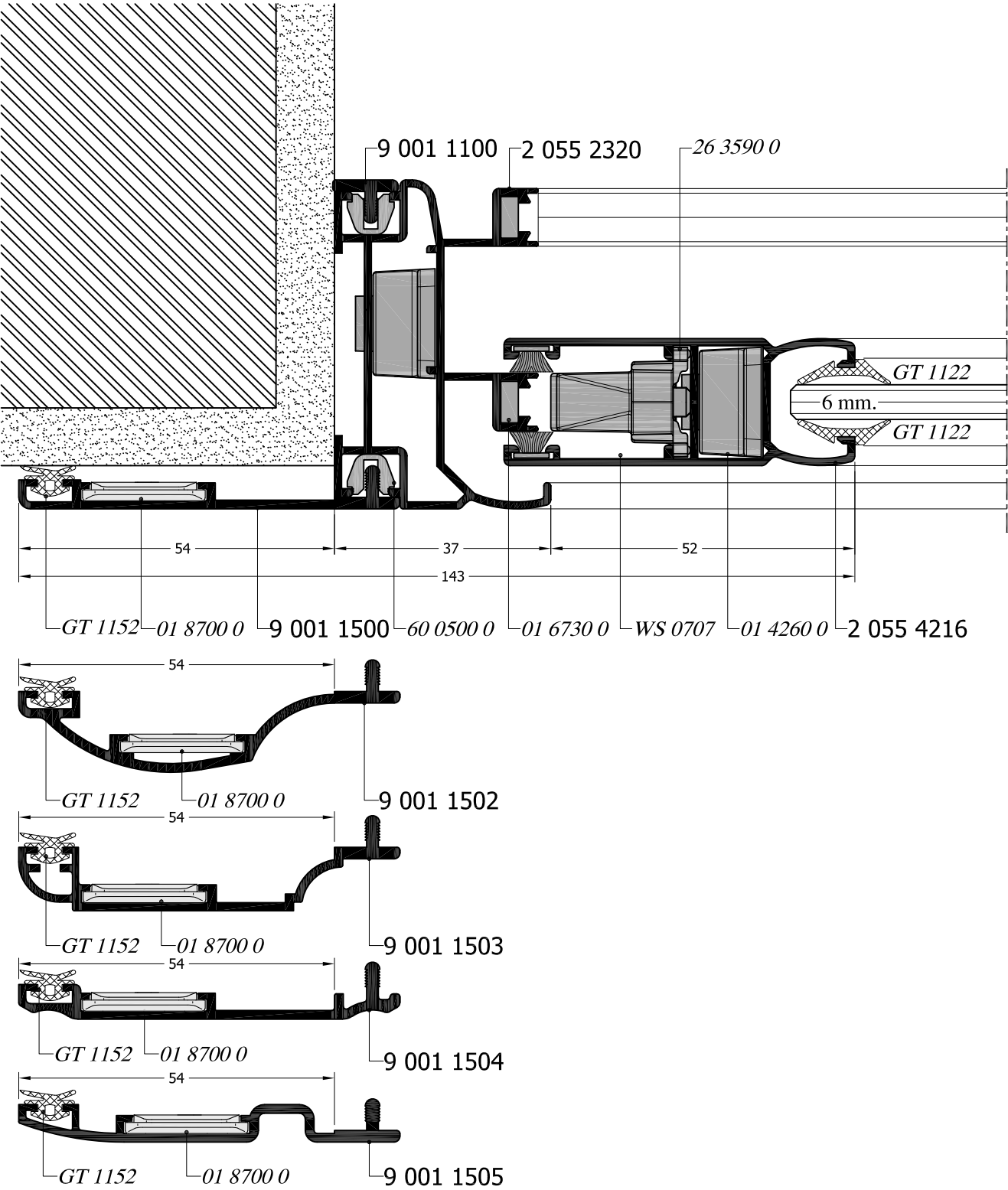
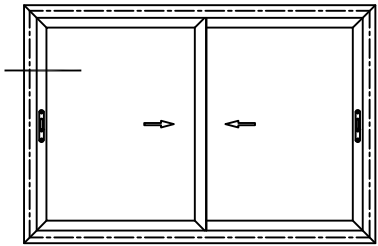


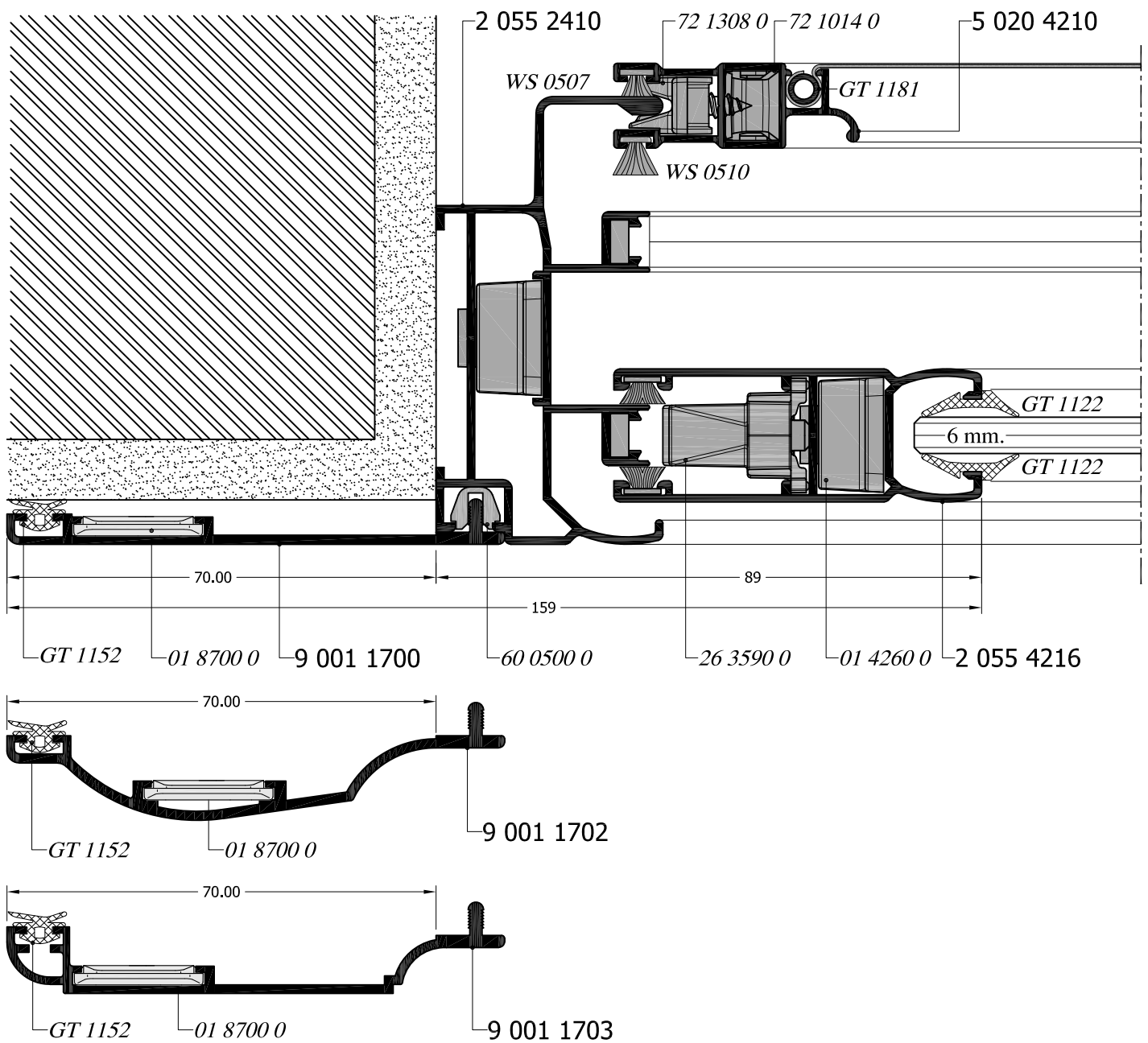
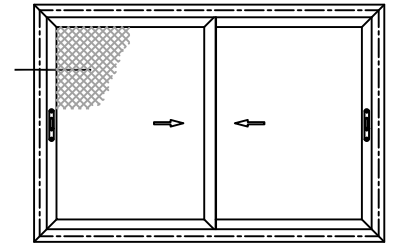
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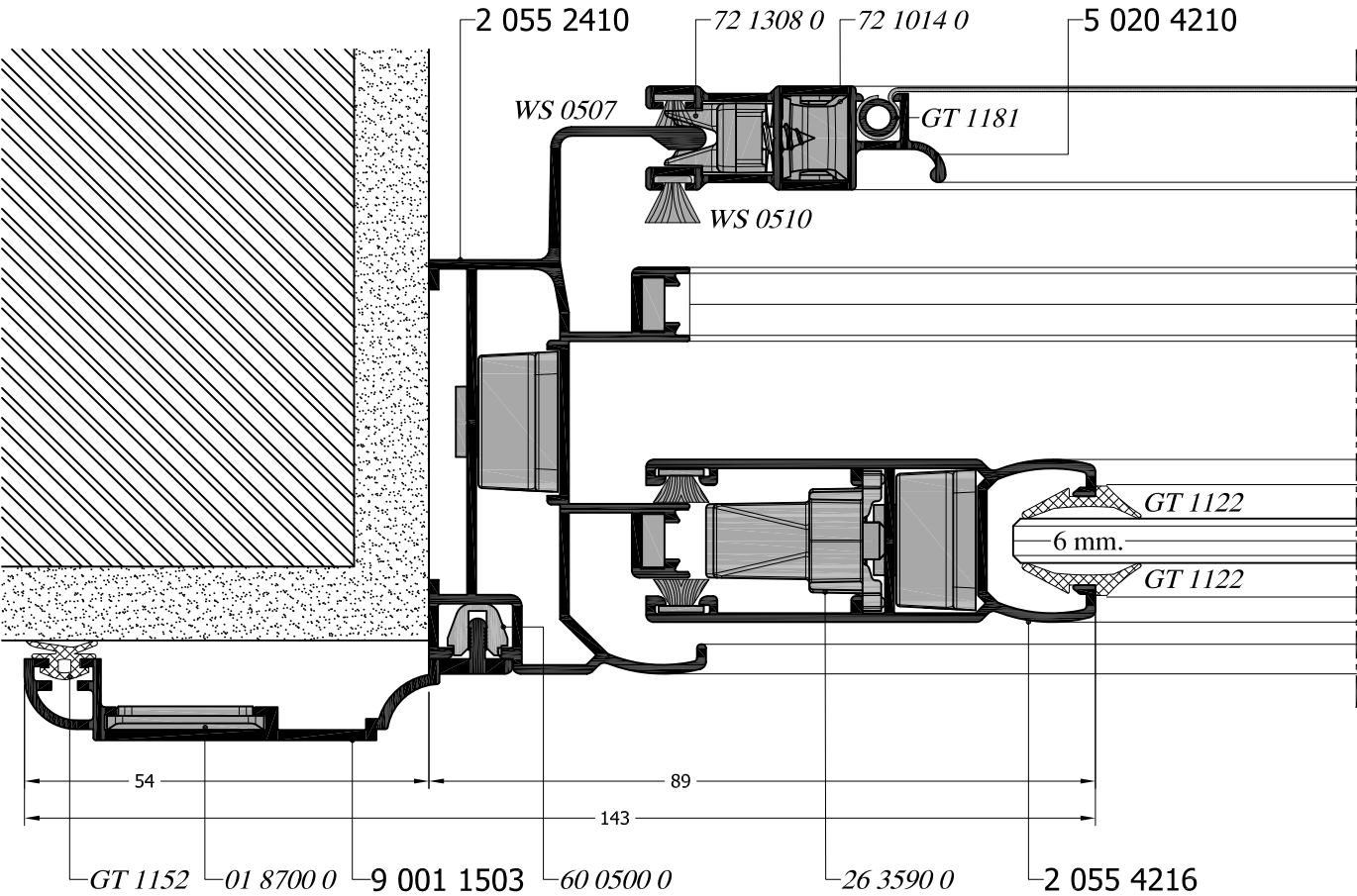
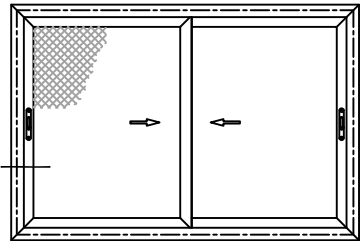


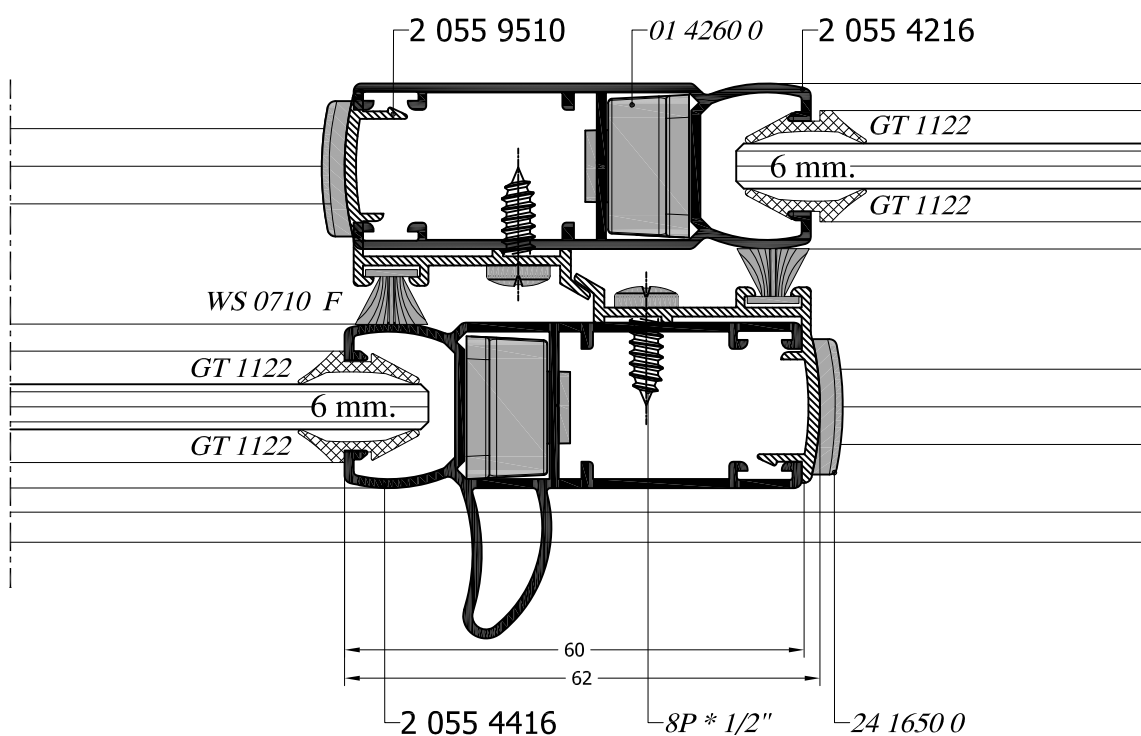
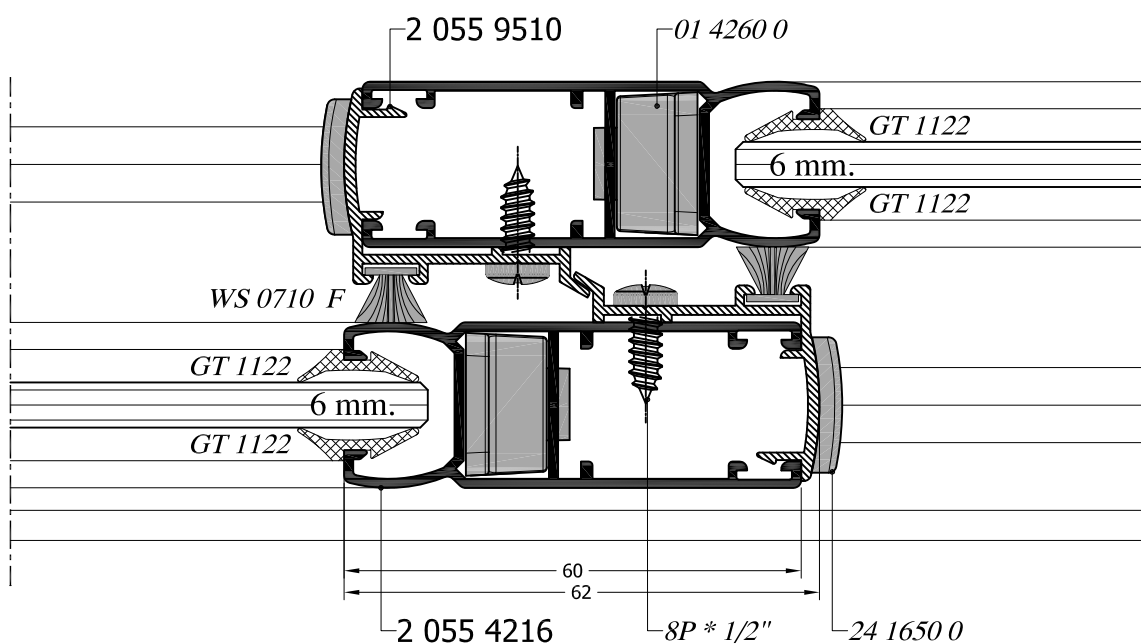
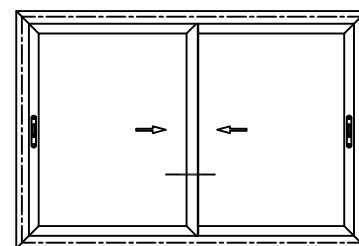
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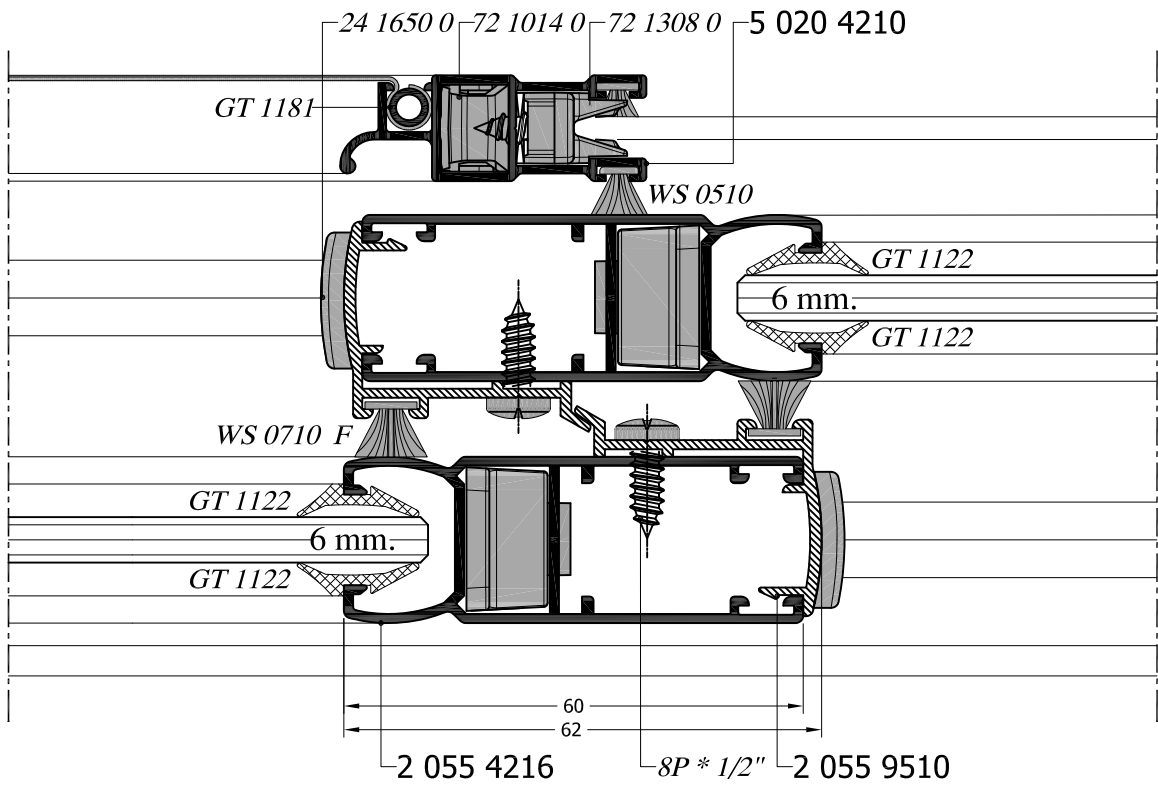
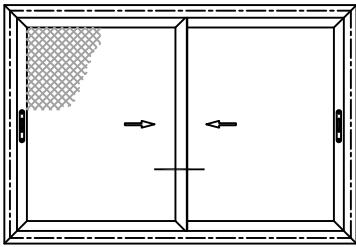


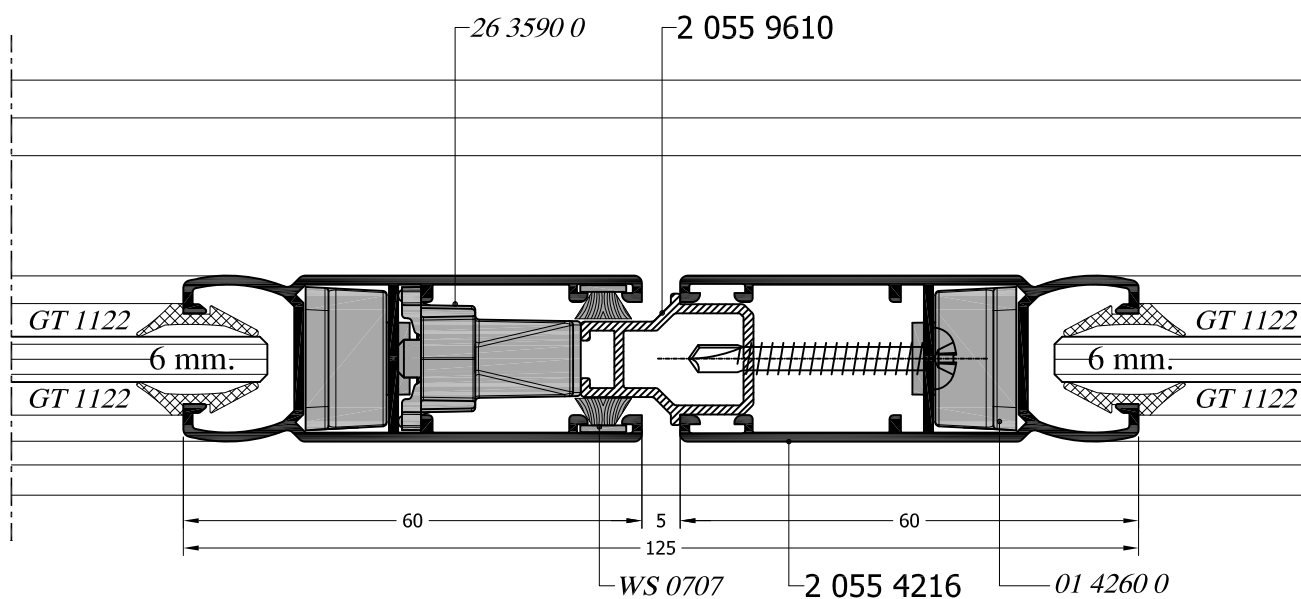


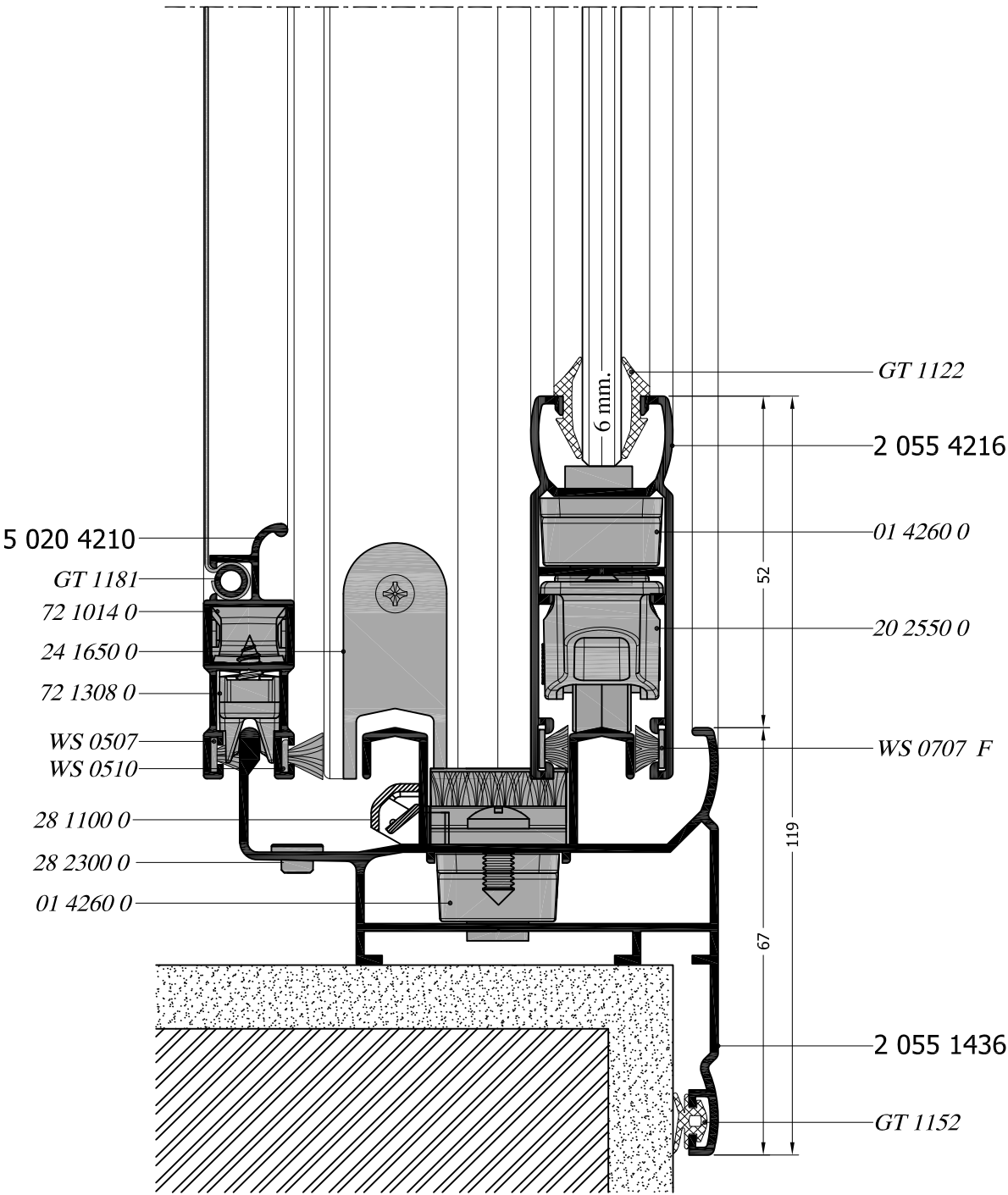
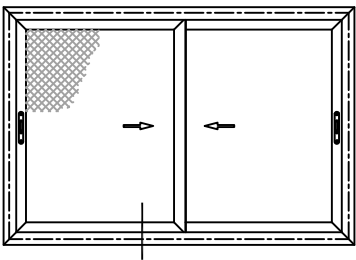


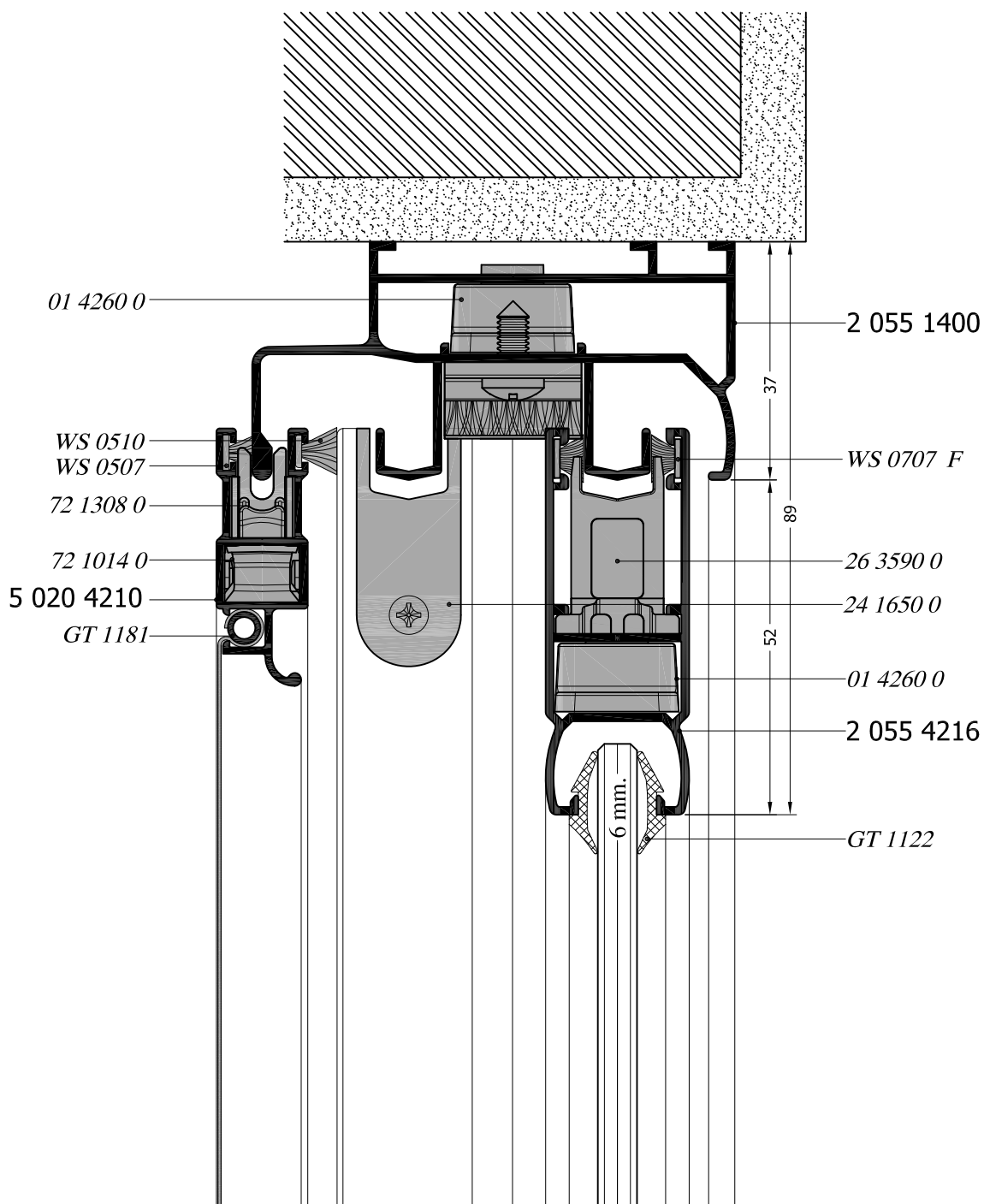
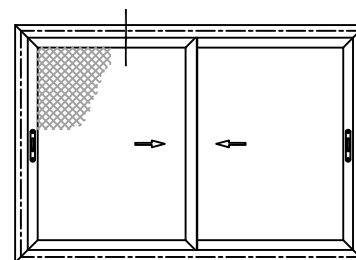
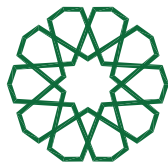


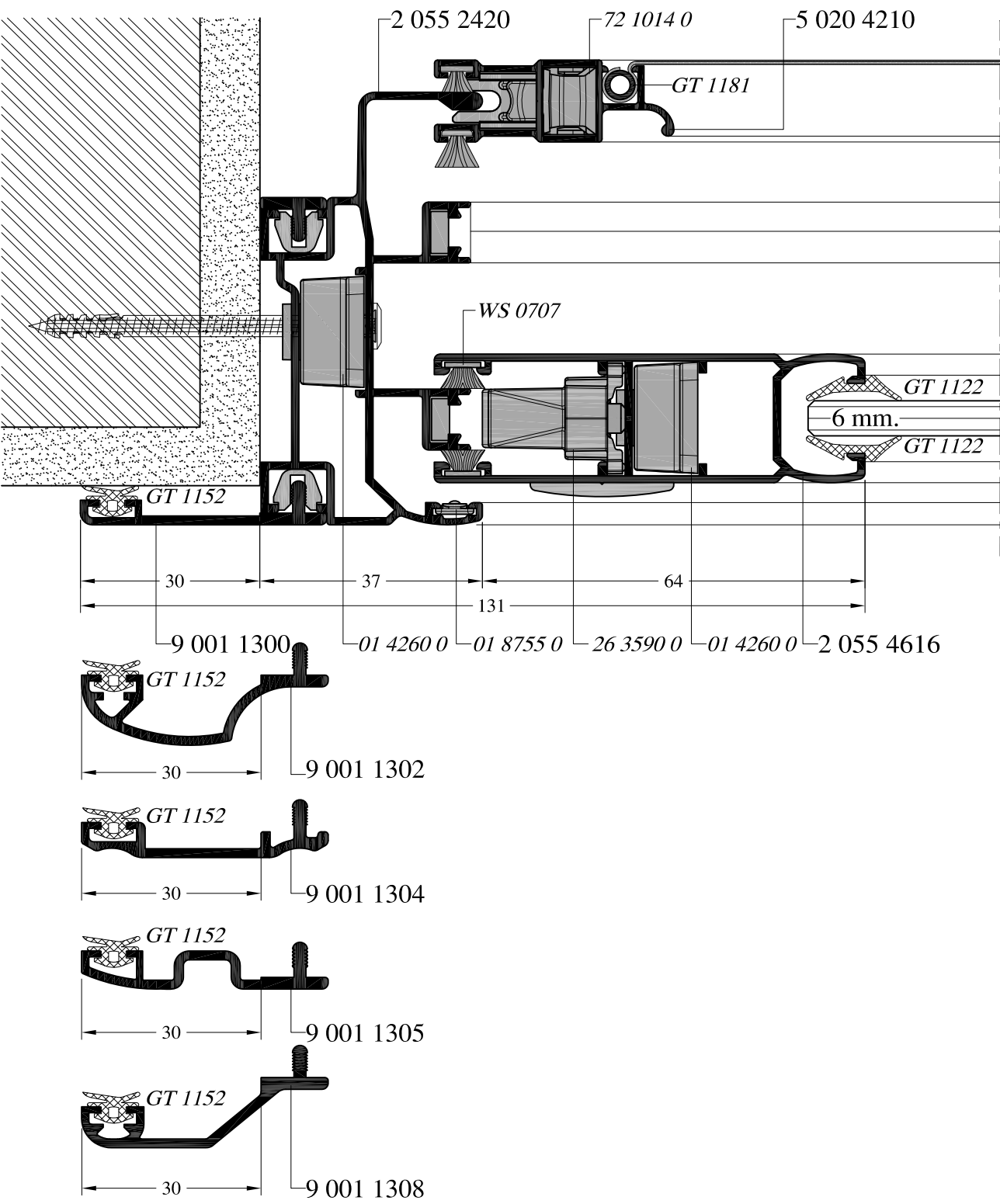
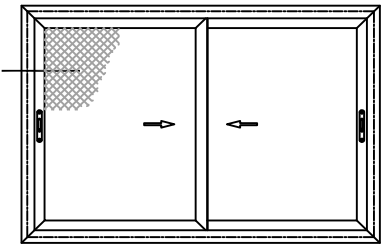


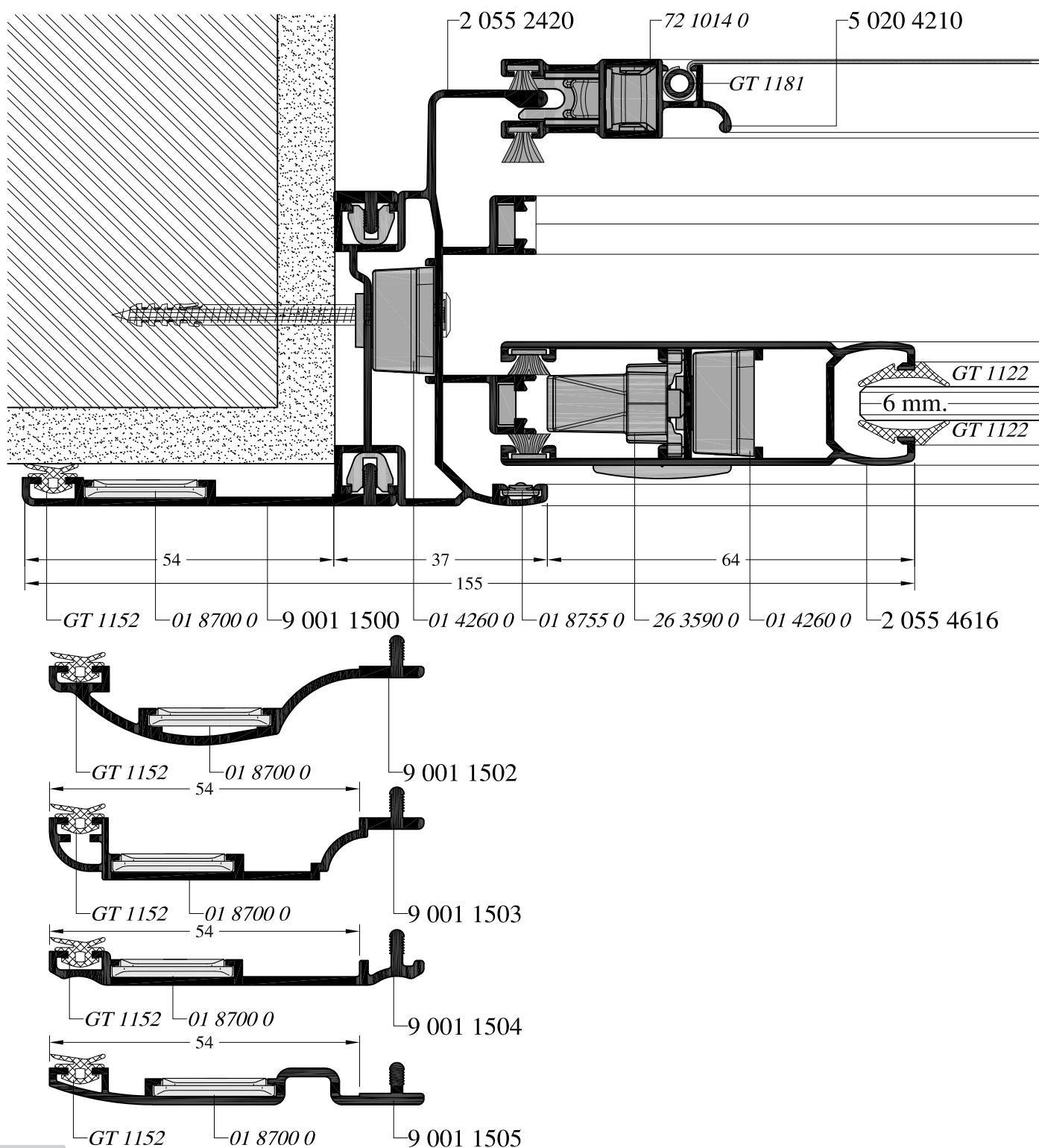
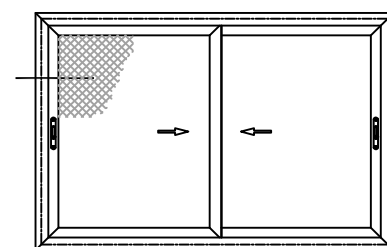


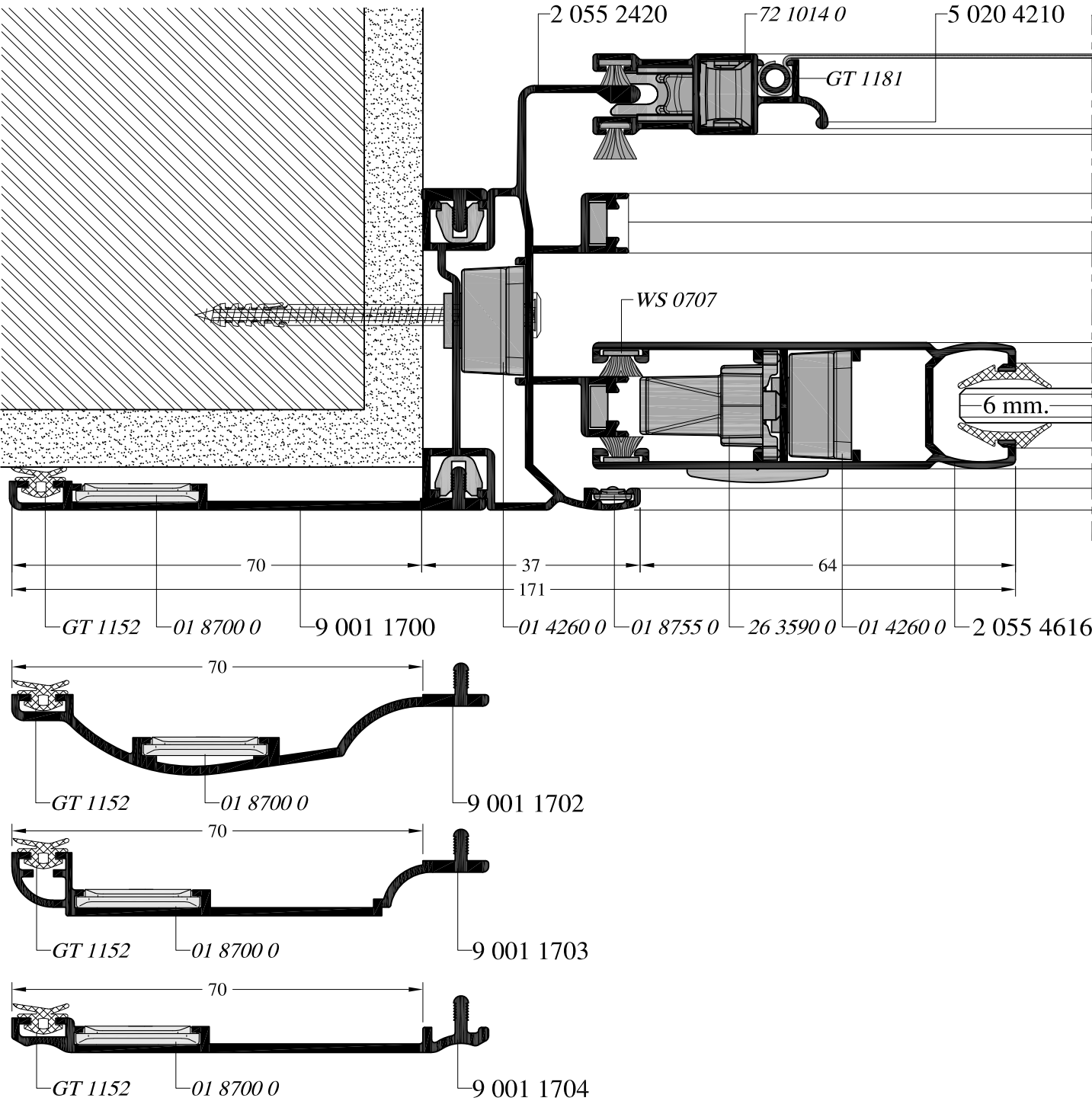
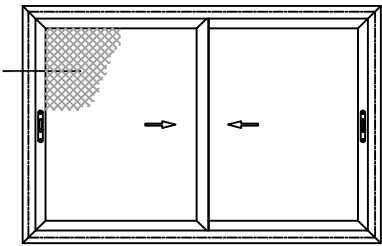


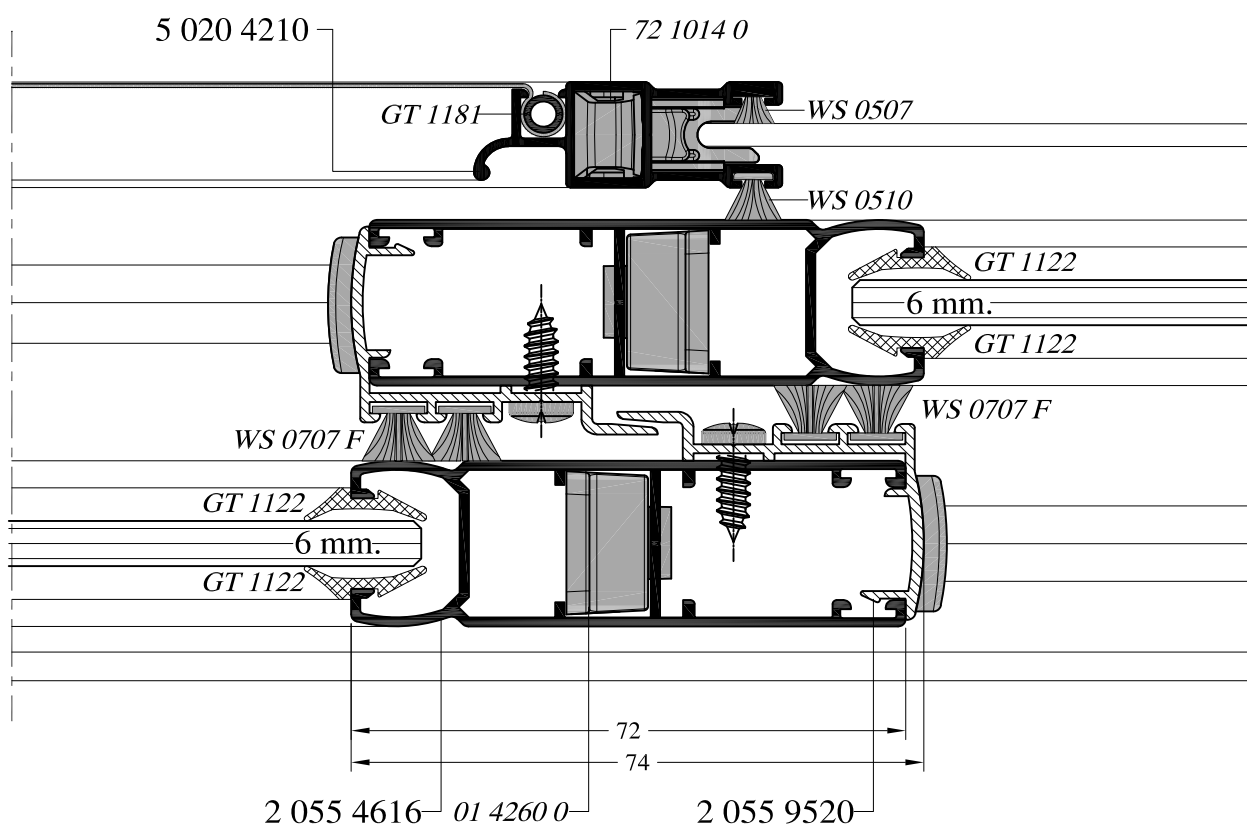
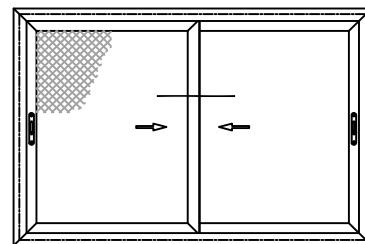
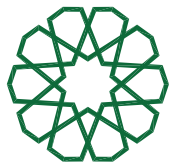


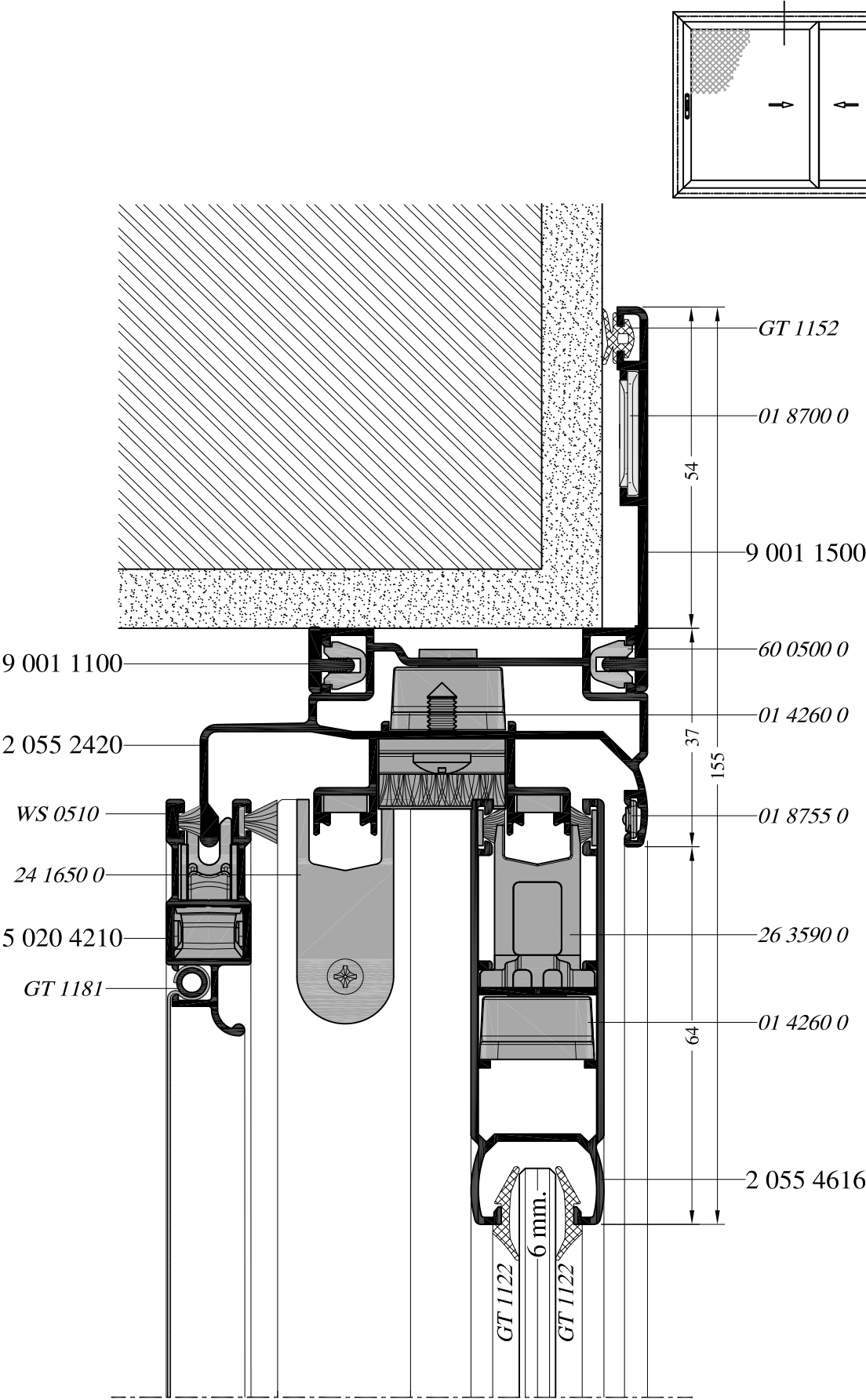


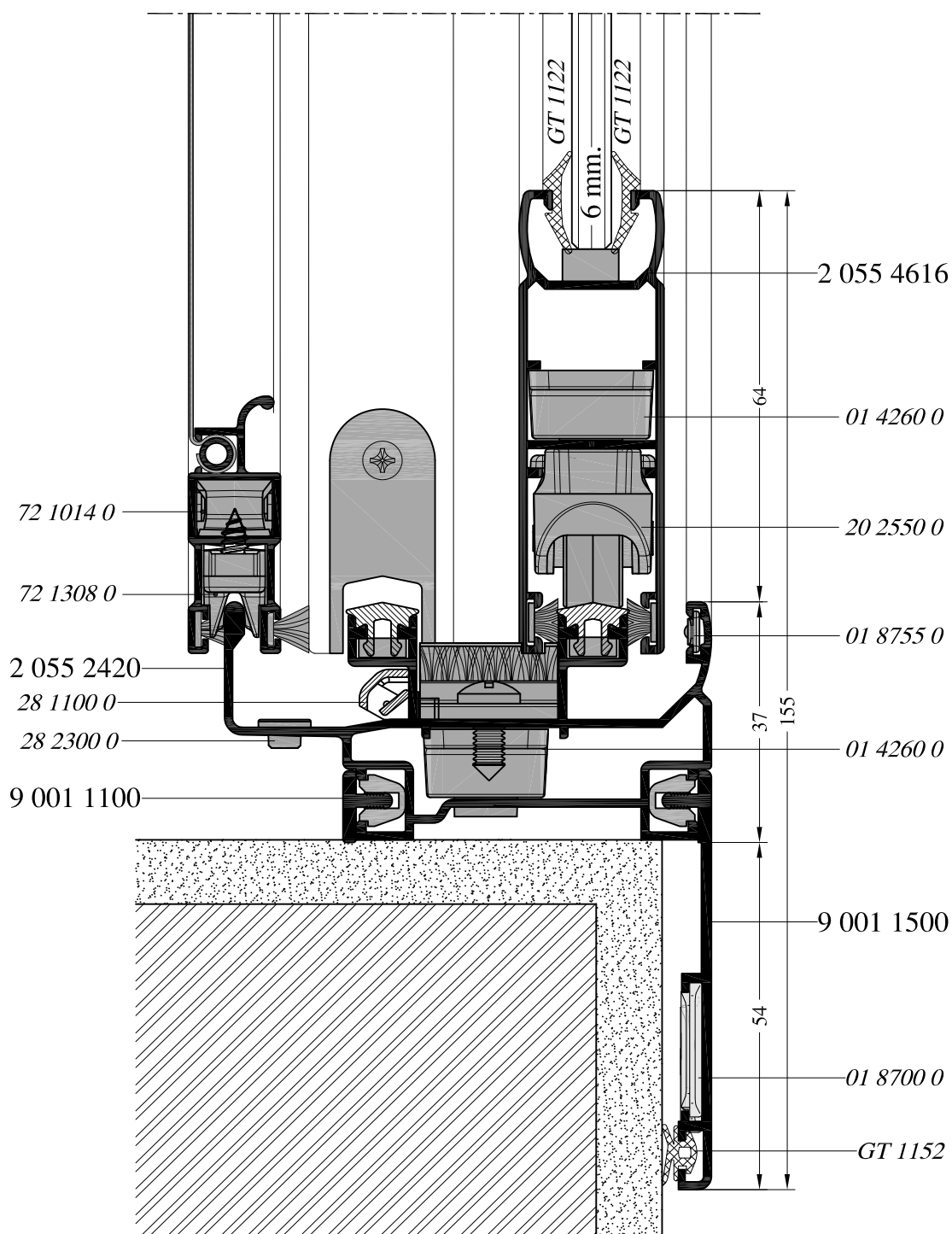
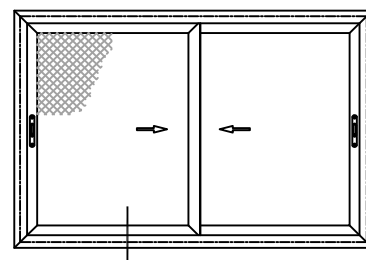
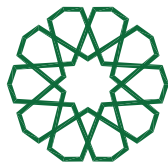








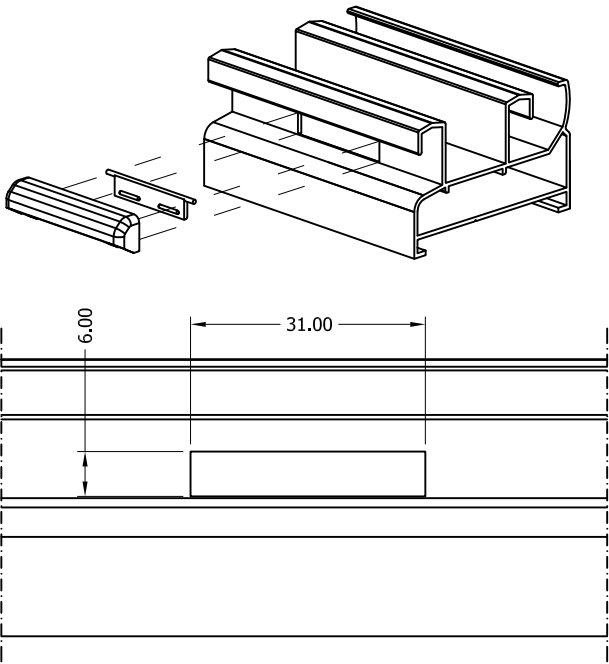
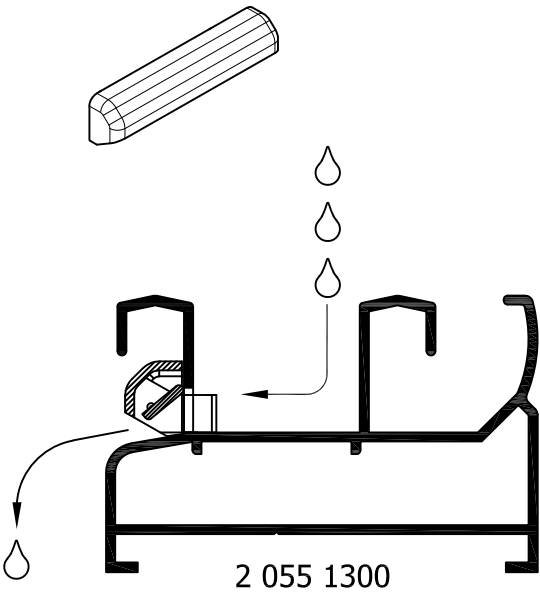






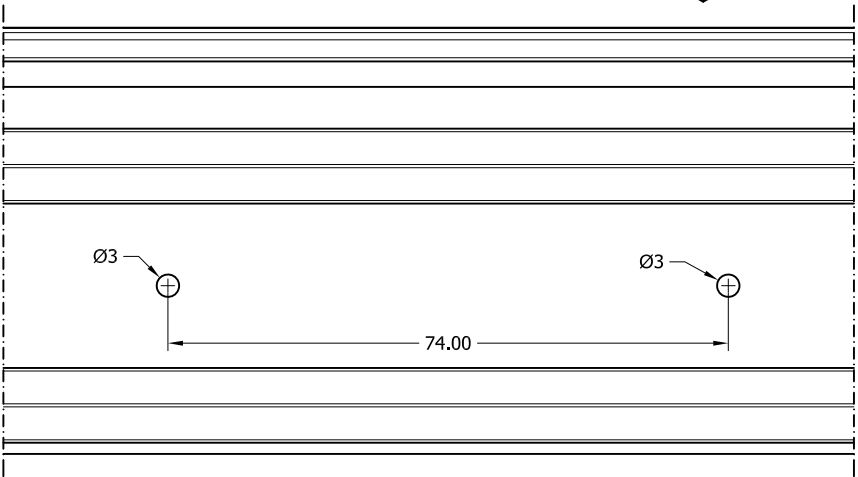
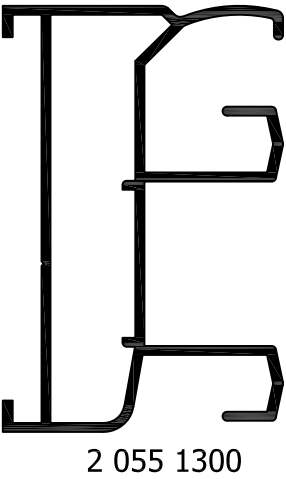
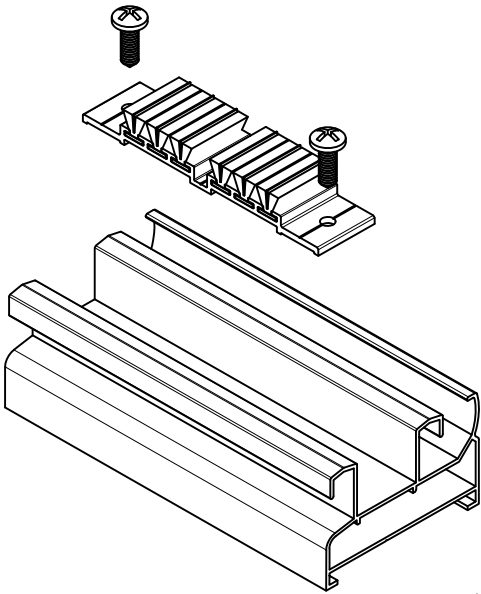
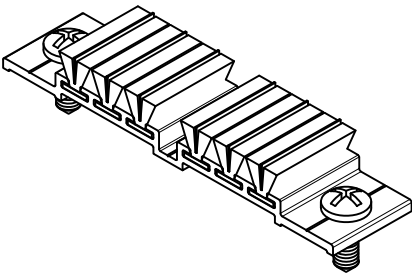
DRAINAGE COVER

ART NO. 28 1100 0



DUST PROOF

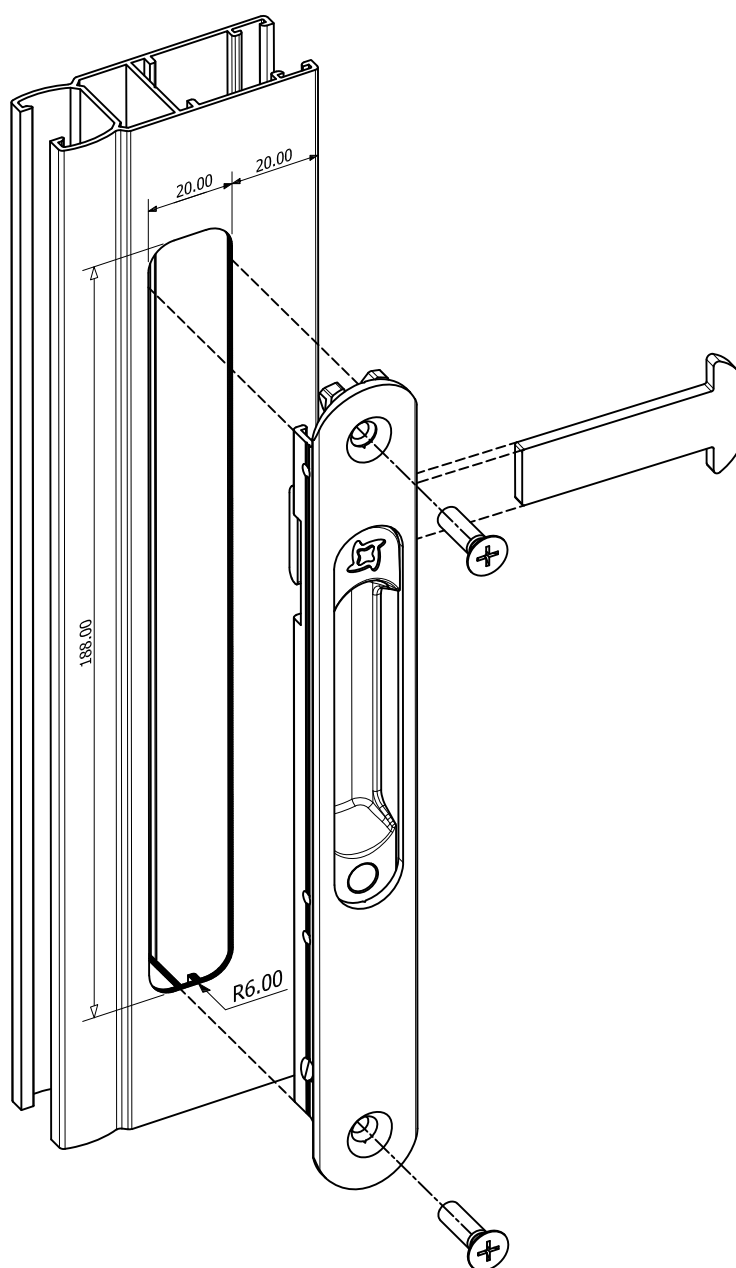
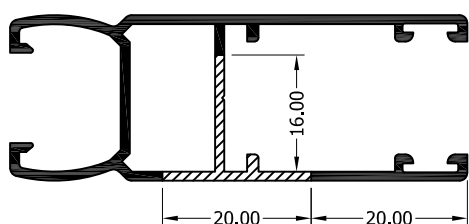
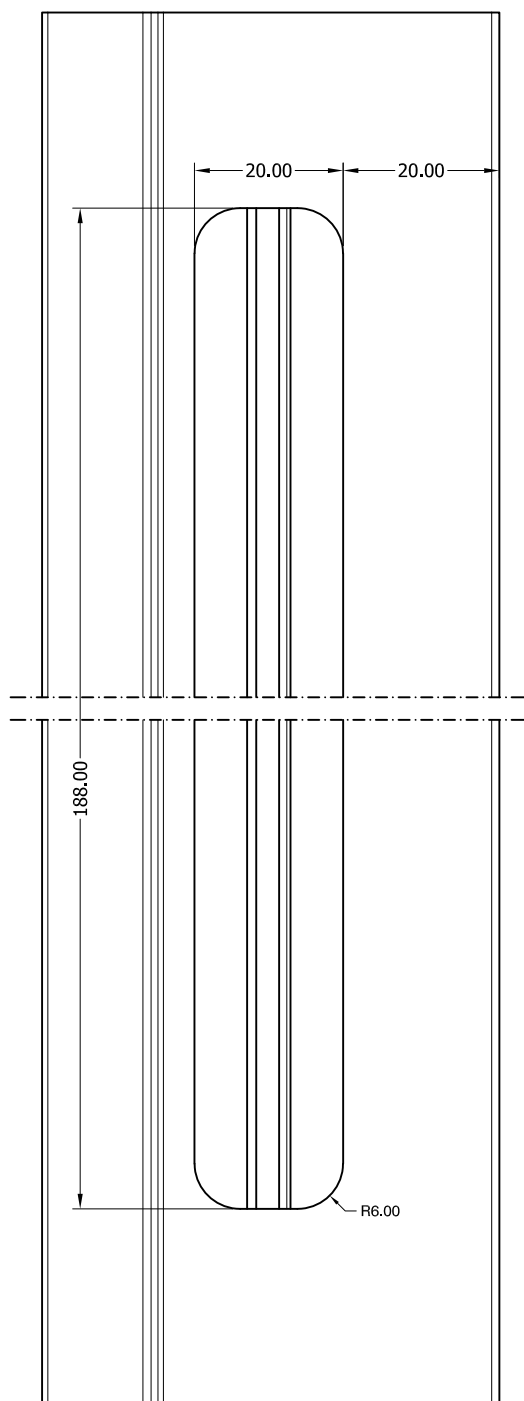
ART NO. 22 1550 0





LATERAL HANDLE

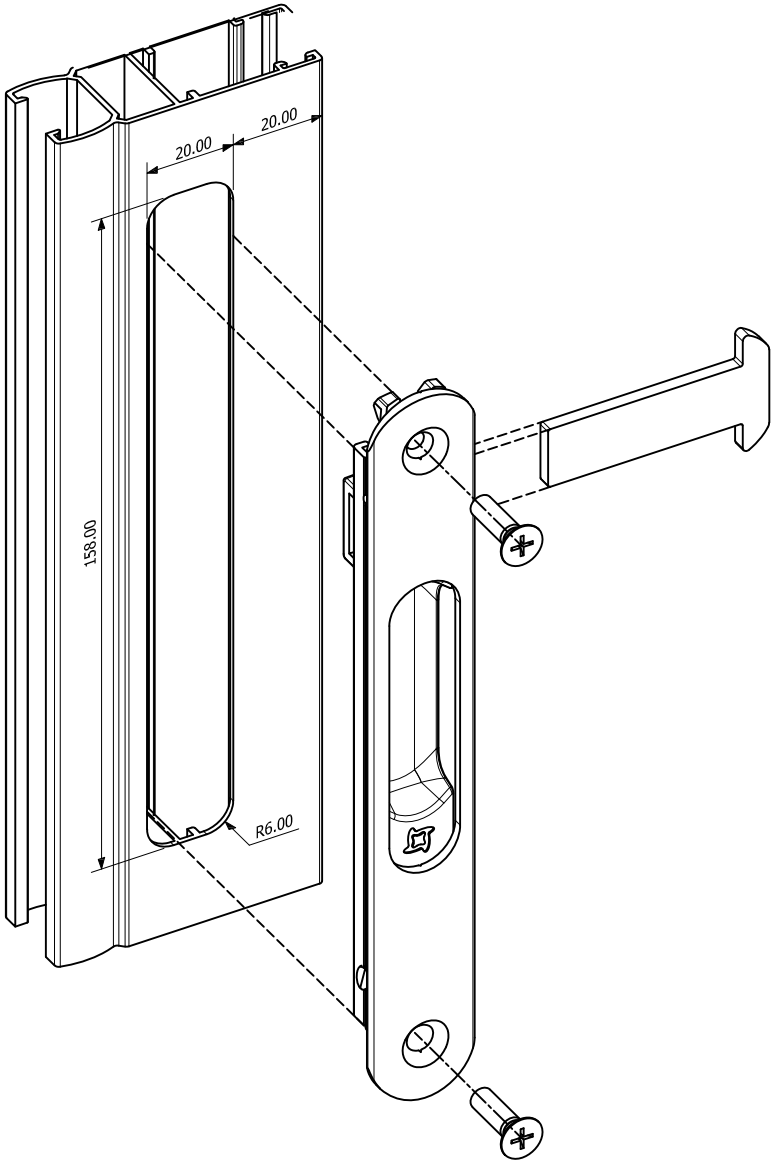
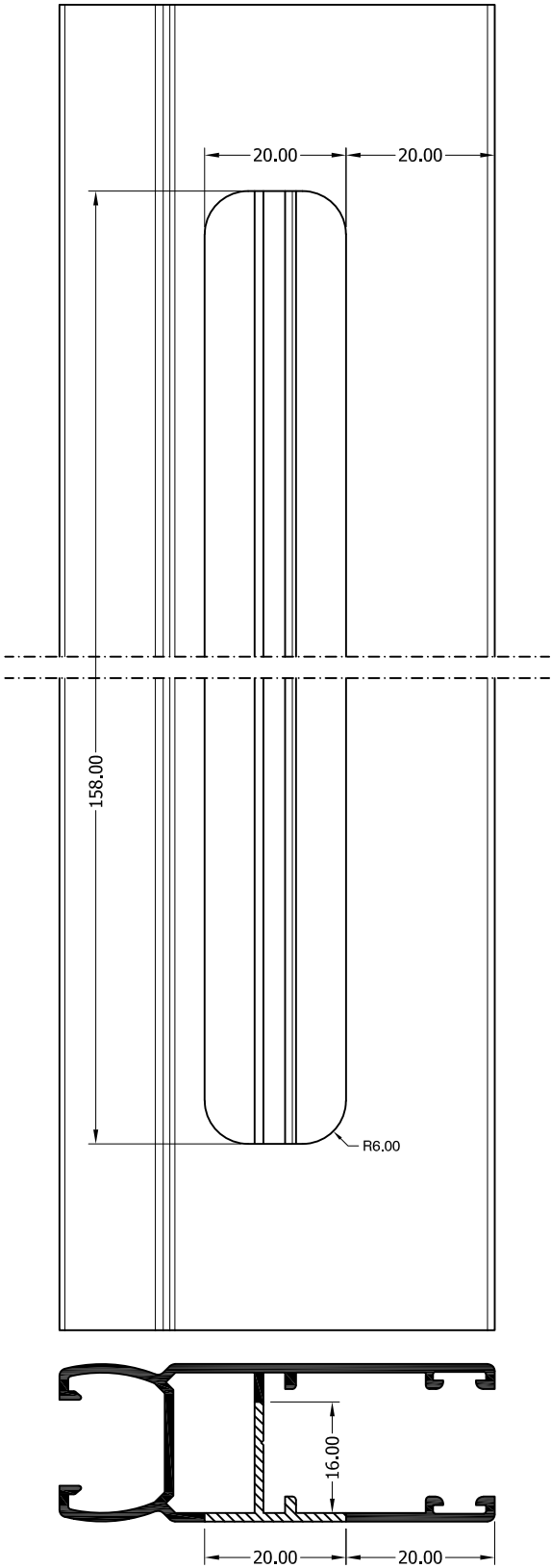
ART NO. 42 3460 0

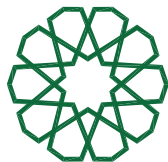




LATERAL HANDLE

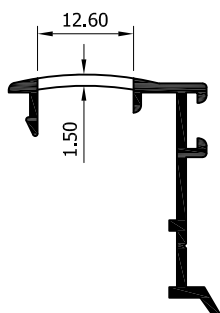
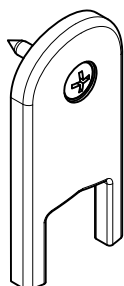
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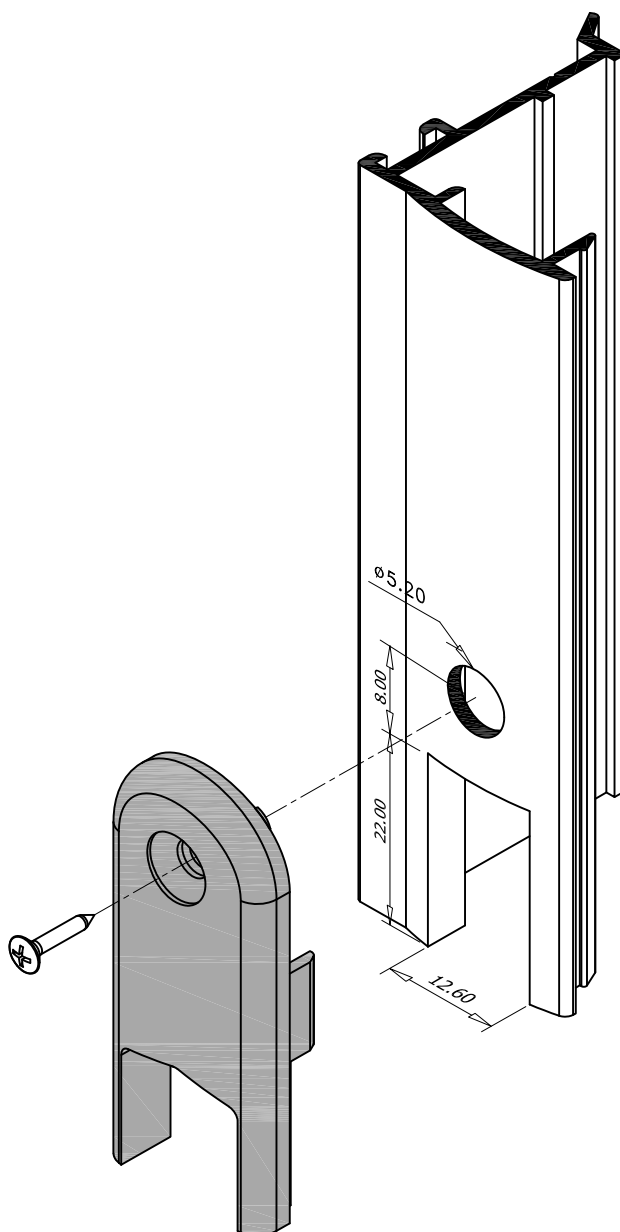
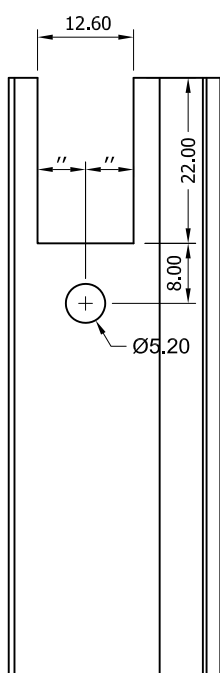


COVER CAPS

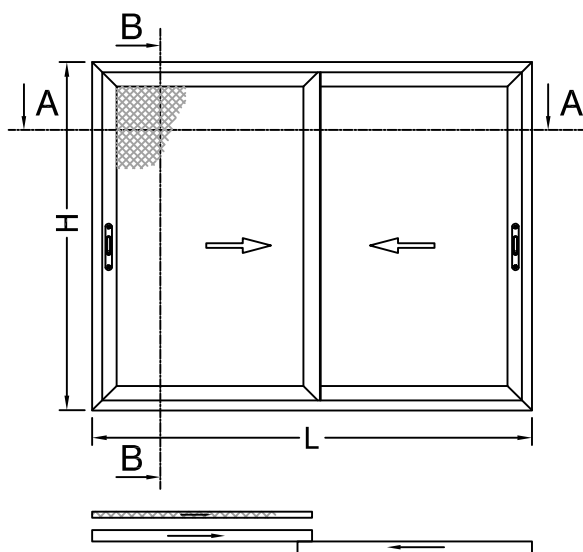
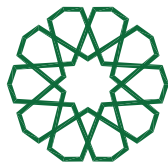
ART NO. 24 1650 0



2 055 9510



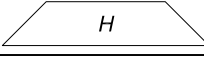

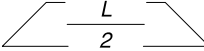
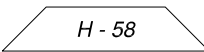

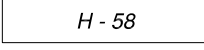

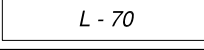

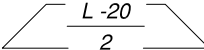
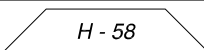

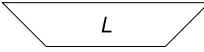
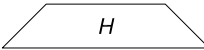




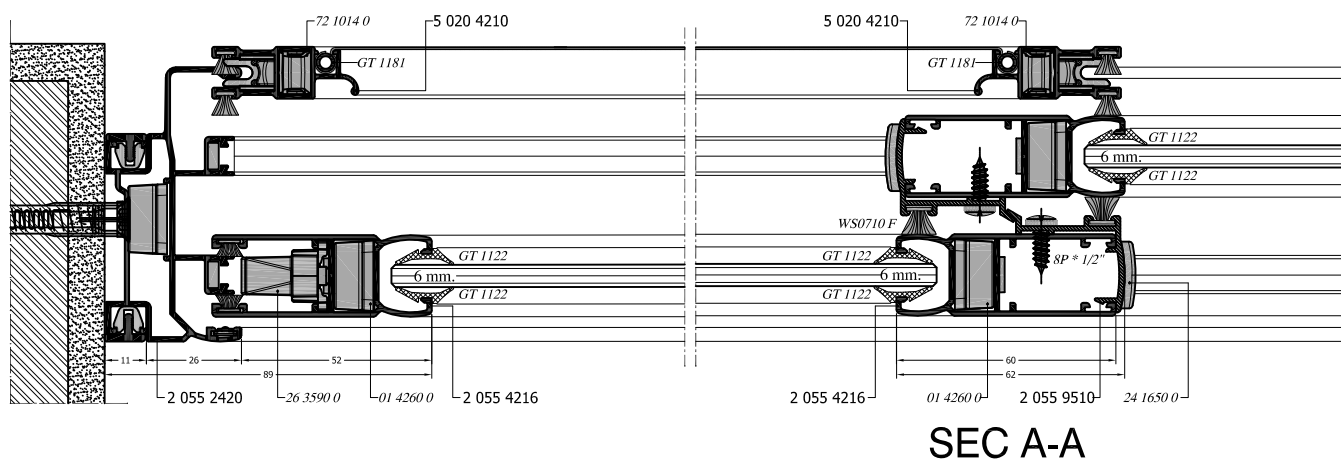




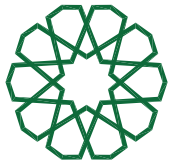
TOTAL WEIGHT	
L (m.) X 4.141 Kg.	+
H (m.) X 5.773 Kg.	

TOTAL =	Kg.

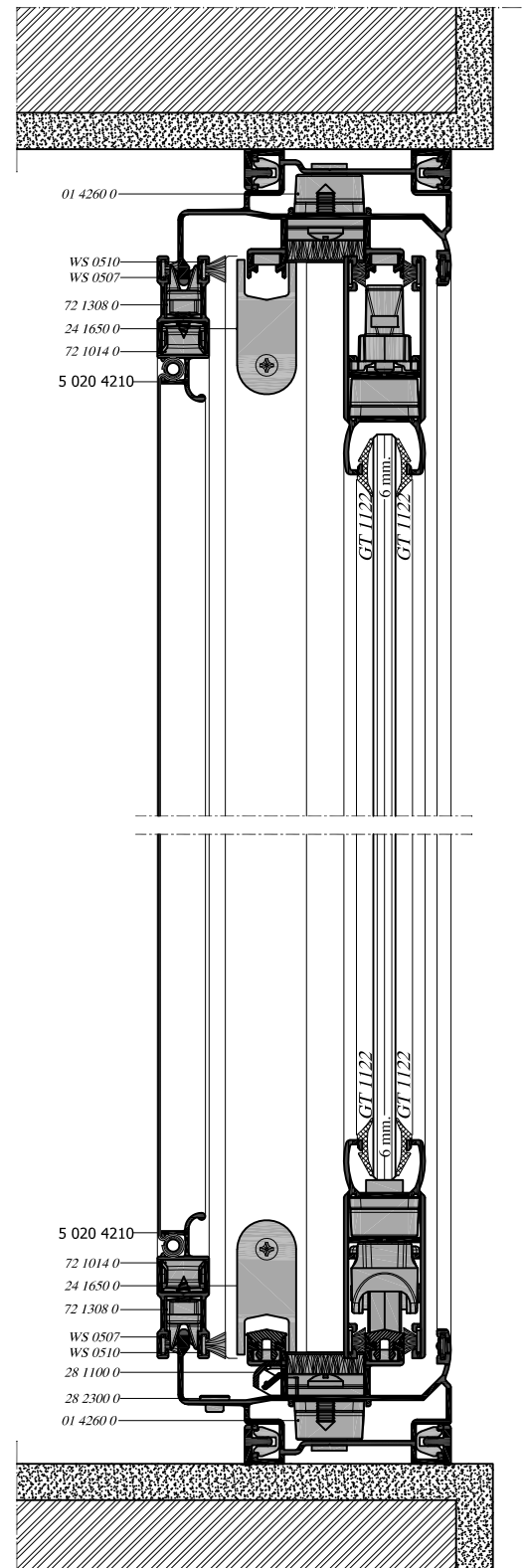
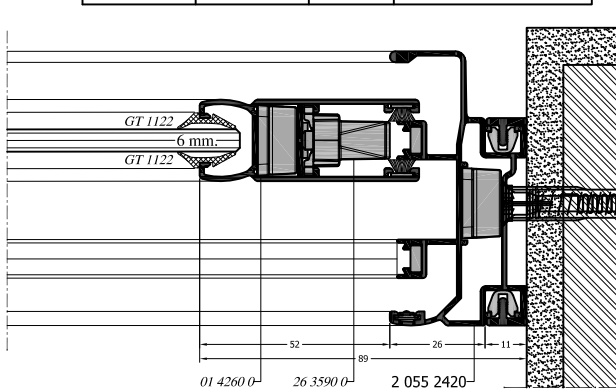
PROFILES CUTTING LIST			
FIGURE	PROF. NO	QTY.	CUTTING LENGTH
	2 055 2420	2	
		2	
	2 055 4216	4	
		4	
	2 055 9510	2	
	2 060 9210	2	
	5 020 4210	2	
		2	
	9 001 1100	4	
		4	
SINGLE GLASS"6mm"		2	
			
ALL DIMENSIONS IN mm.			



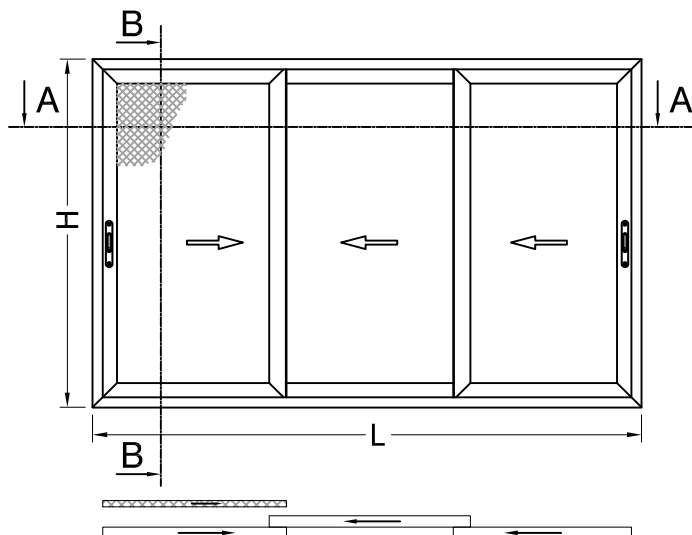
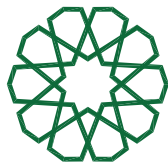
SEC A-A



ACCESSORIES LIST			
FIGURE	ACC. NO	QTY.	DESCRIPTION
	01 4260 0	12	Corner Joint
	01 6730 0	8	Alignment Angle
	01 8755 0	4	Alignment Angle
	01 8760 0	16	Alignment Angle
	58 1030 0	2	Striker
	42 1190 0	2	Atlas Lateral Handle
	20 2550 0	1	Single Roller Set-4Pcs
	24 1650 0	4	Cover Caps
	26 3590 0	4	Shock Absorber&Guide
	22 1550 0	2	Anti Dust Caps
	72 1014 0	4	Screen Corner
	72 1308 0	4	Screen Slider
	28 1100 0	2	Drainage Cover
	28 2300 0	2	Drainage Cover
	60 0500 0	$\frac{4L+4H}{250}$	Clip
	GT 1122	4L+8H	Glass Gasket
	WS 0707	4L+4H	Weather Strip
	WS 0710 F	2H	Weather Strip
	WS 0510	L+2H	Weather Strip
	WS 0507	L+2H	Weather Strip
	GT 1181	L + 2H	Kito Gasket


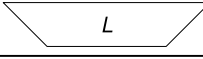
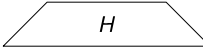

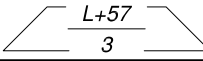
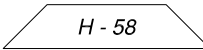

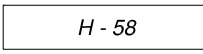

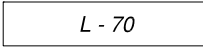

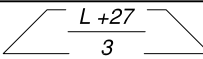
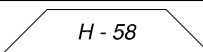

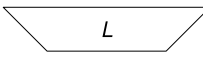
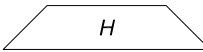




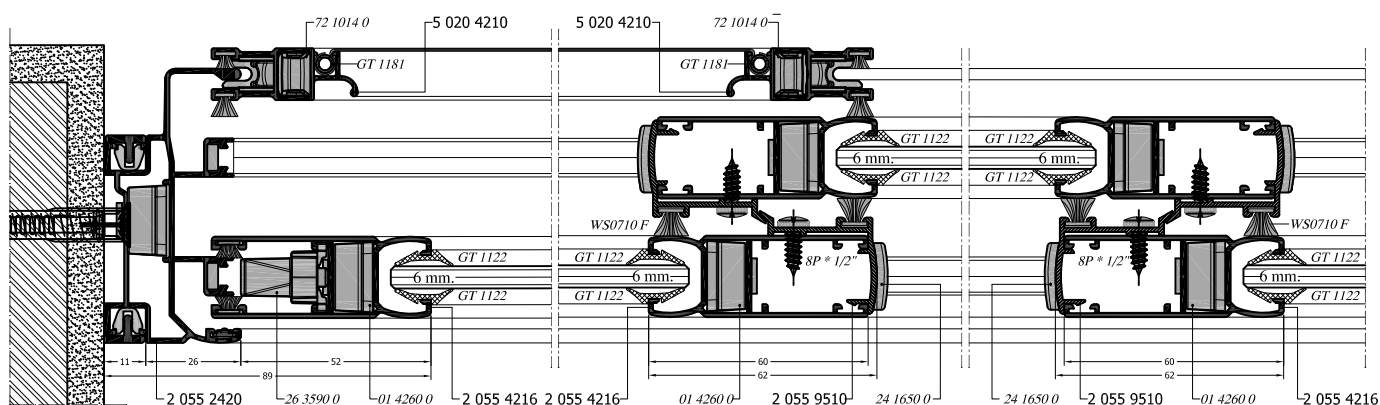
SEC B-B



TOTAL WEIGHT	
L (m.) X 4.11 Kg.	+
H (m.) X 7.38 Kg.	

TOTAL =	Kg.

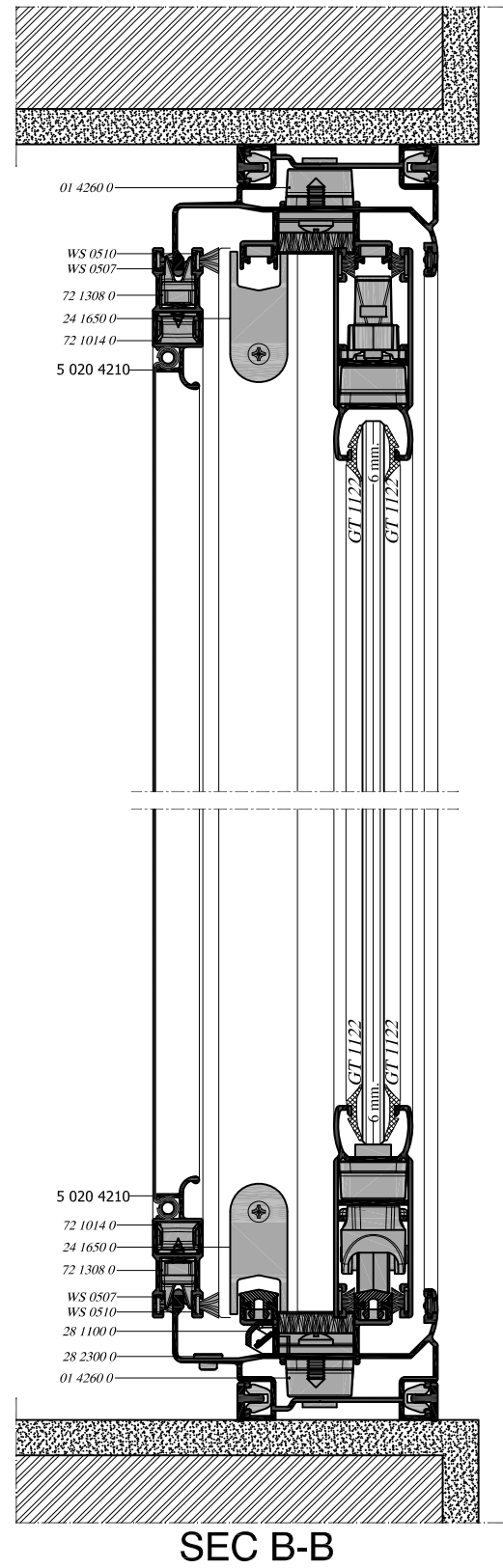
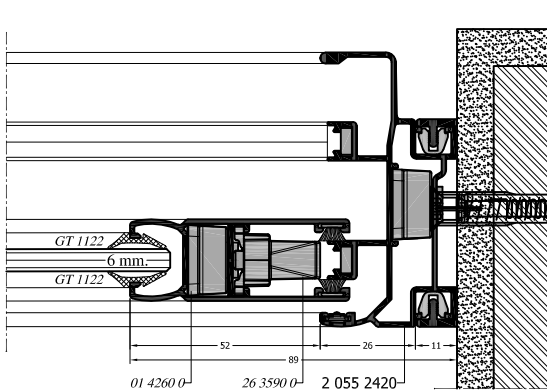
PROFILES CUTTING LIST			
FIGURE	PROF. NO	QTY.	CUTTING LENGTH
	2 055 2420	2	
		2	
	2 055 4216	6	
		6	
	2 055 9510	4	
	2 060 9210	2	
	5 020 4210	2	
		2	
	9 001 1100	4	
		4	
SINGLE GLASS"6mm"		3	
			
ALL DIMENSIONS IN mm.			

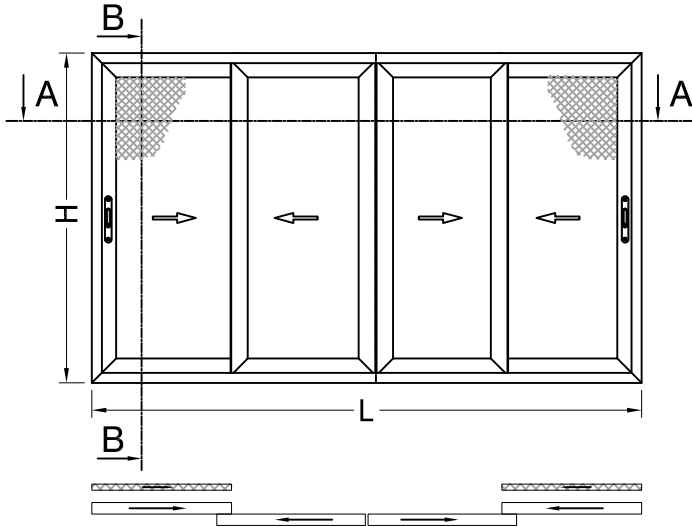
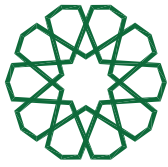


SEC A-A


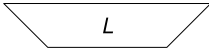
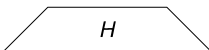

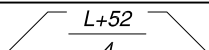
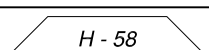

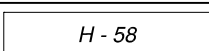

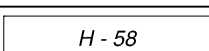

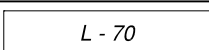

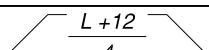
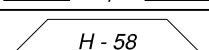

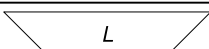
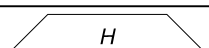




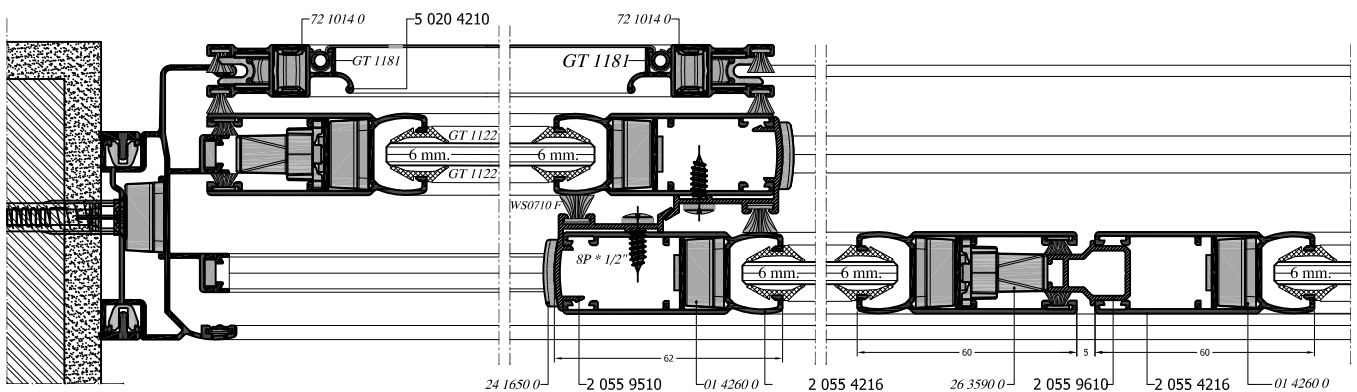
ACCESSORIES LIST			
FIGURE	ACC. NO	QTY.	DESCRIPTION
	01 4260 0	16	Corner Joint
	01 6730 0	8	Alignment Angle
	01 8755 0	4	Alignment Angle
	01 8760 0	24	Alignment Angle
	58 1030 0	2	Striker
	42 1190 0	2	Atlas Lateral Handle
	20 2550 0	2	Single Roller Set-4Pcs
	24 1650 0	8	Cover Caps
	26 3590 0	4	Shock Absorber&Guide
	22 1550 0	4	Anti Dust Caps
	72 1014 0	4	Screen Corner
	72 1308 0	4	Screen Slider
	28 1100 0	2	Drainage Cover
	28 2300 0	3	Drainage Cover
	60 0500 0	$\frac{4L+4H}{250}$	Clip
	GT 1122	4L+12H	Glass Gasket
	WS 0707	4L+4H	Weather Strip
	WS 0710 F	4H	Weather Strip
	WS 0510	L+2H	Weather Strip
	WS 0507	L+2H	Weather Strip
	GT 1181	L + 2H	Kito Gasket



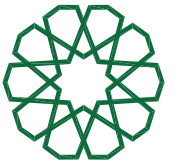


TOTAL WEIGHT	
L (m.) X 4.213 Kg.	+
H (m.) X 9.321 Kg.	
<hr/>	
TOTAL =	Kg.

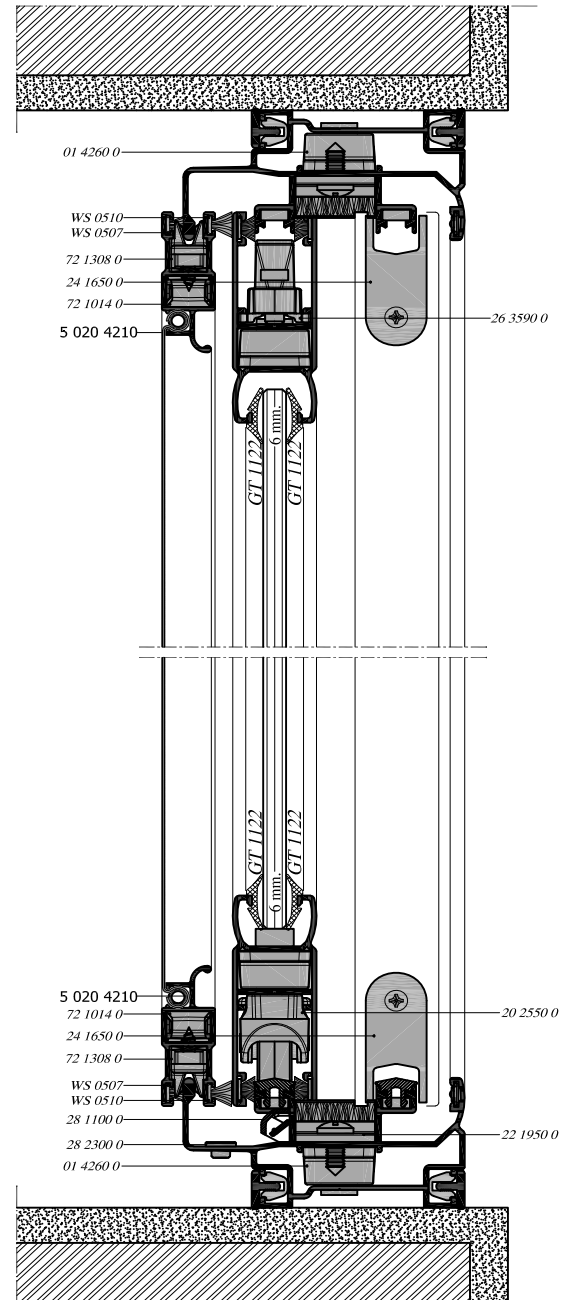
PROFILES CUTTING LIST			
FIGURE	PROF. NO	QTY.	CUTTING LENGTH
	2 055 2420	2	
		2	
	2 055 4216	8	
		8	
	2 055 9610	1	
	2 055 9510	4	
	2 060 9210	2	
	5 020 4210	4	
		4	
	9 001 1100	4	
		4	
SINGLE GLASS"6mm"		4	
			
ALL DIMENSIONS IN mm.			



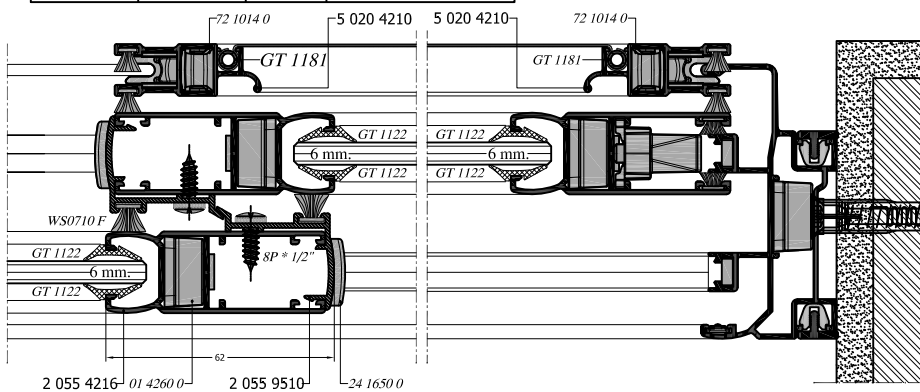
SEC A-A



ACCESSORIES LIST			
FIGURE	ACC. NO	QTY.	DESCRIPTION
	01 4260 0	20	Corner Joint
	01 6730 0	8	Alignment Angle
	01 8755 0	4	Alignment Angle
	01 8760 0	32	Alignment Angle
	58 1030 0	2	Striker
	42 1190 0	2	Atlas Lateral Handle
	48 2160 0	1	Isis Handle
	20 2550 0	2	Single Roller Set-4Pcs
	24 1650 0	8	Cover Caps
	26 3590 0	6	Shock Absorber&Guide
	22 1550 0	4	Anti Dust Caps
	72 1014 0	8	Screen Corner
	72 1308 0	8	Screen Slider
	28 1100 0	2	Drainage Cover
	28 2300 0	3	Drainage Cover
	60 0500 0	4L+4H 250	Clip
	GT 1122	4L+16H	Glass Gasket
	WS 0707	4L+6H	Weather Strip
	WS 0710 F	4H	Weather Strip
	WS 0510	L+4H	Weather Strip
	WS 0507	L+4H	Weather Strip
	GT 1181	L + 4H	Kito Gasket



SEC B-B



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