

*View life  
through us...*



**Dawlia 21** For Producing Coloring Aluminum Profiles

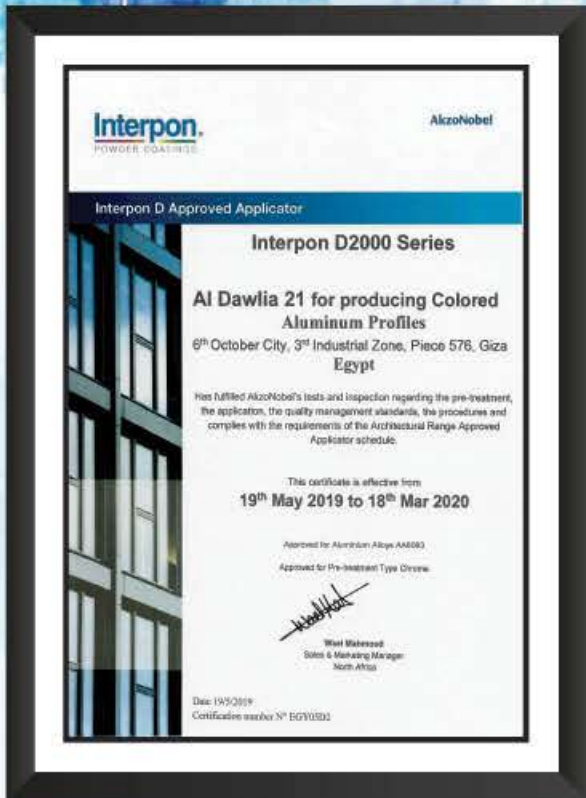
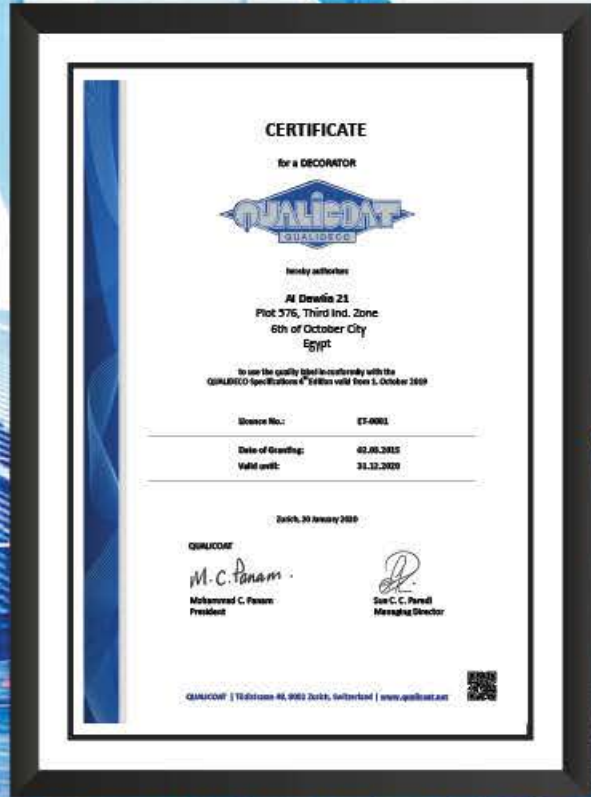


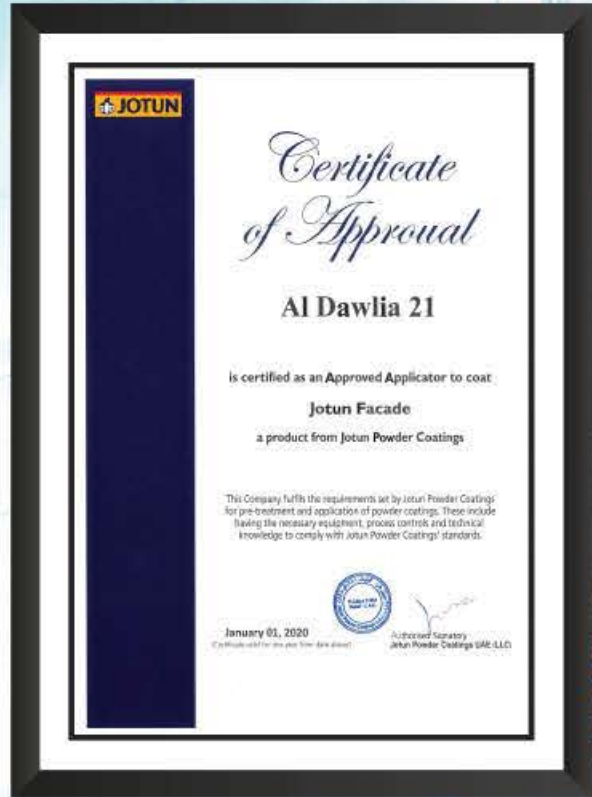
**ALCEO**<sup>®</sup>  
**VOLCANO 120**  
Aluminum Sliding System

## **INDEX**

### *NUMERIQUE*

2-4	Certificates.
5-6	Technical Specification.
7-11	Profiles List.
12-20	Profiles.
21-22	Sections.
23-25	Cuting List.
26-33	Details.
34-36	Accessoris.







## SPECIFICATION TECHNIQUE TECHNICAL SPECIFICATION

### PROFILS:

Ce système a été étudié et conçu par Alceo, pour la fabrication de fenêtre à frappe et coulissante. Il utilise les dernières technologies d'assemblage et de fabrication. Ce nouveau système est en conformité avec le standard Européen.

### NORMES PRINCIPALES:

Etudes et production: NF P24-101, NF P24-301, XP P24-400 et 401

Test et classification: NF EN 1026, NF EN 1027, NF EN 12211, NF EN 12207, NF EN 12208, NF EN 12210.

Performances thermiques et acoustiques: NF EN 410, NF EN 673, NF EN ISO 10077-1, PR EN 13947, NF EN ISO 140-4 et NF EN ISO 140-5.

### MATIERE:

Le profil extrudé est en alliage d'aluminium (Al Mg Si) 6060 (norme NF EN 573-3, NF EN 755-1 and 2). Les tolérances sont conformes à la norme NF EN 12020-1 et 2).

### TRAITEMENT THERMIQUE:

T4-T5-T6

### PROTECTION:

Classe d'anodisation :  
classe 15 (15-20 microns)  
Classe 20 (20-25 microns) en option  
L'anodisation est conforme au label qualité QUALANOAD EWWA/EURAS

### ACCESSOIRES:

Tous les accessoires, produits et joints sont conçus pour le système Alceo.  
Utilisation de matériaux de haute qualité.  
Visserie: Acier inoxydable 18/10  
Joint: EPDM  
Autres: Polyamide, Zamack, Fonte d'aluminium

### PROFILES:

This system studied and designed by Alceo is specific for hinged and sliding windows. Using the last technology for fixing and manufacturing operation. This new system is in conformance with French European standard.

### MAIN NORMS:

Study and production: NF P24-101, NF P24-301, XP P24-400 and 401

Test and classification: NF EN 1026, NF EN 1027, NF EN 12211, NF EN 12207, NF EN 12208, NF EN 12210.

Thermic and noise performance: NF EN 410, NF EN 673, NF EN ISO 10077-1, PR EN 13947, NF EN ISO 140-4 and NF EN ISO 140-5.

### MATERIAL:

The extracted profile are in aluminum alloy (Al Mg Si) 6060 (norm NF EN 573-3, NF EN 755-1 and 2). All tolerance are specific norm NF EN 12020-1 and 2).

### THERMICAL TREATMENT:

T4-T5-T6

### PROTECTION:

Anodized class 15 (15-20 microns)  
Class 20 (20-25 microns) in option  
Anodisation will be conforms to the quality label QUALANOAD EWWA/EURAS

### ACCESSORIES:

All accessories, hardware or gaskets are designed for Alceo system.  
High quality material using.  
Screw: Stainless steel 18/10  
Gasket: EPDM  
Other: Polyamide, Zamack, Cast aluminum

## SPECIFICATION TECHNIQUE TECHNICAL SPECIFICATION (suite)

### CONCEPT PRODUIT:

Coulissant, frappe de type traditionnel.

### CADRE FIXE:

Le cadre fixe est de forme tubulaire

### CHASSIS OUVRANT:

Coté et montant central sont de forme tubulaire.

### ASSEMBLAGE:

Cadre dormant : Coupe a 45° assemblé par equerres vissées.

Cadre ouvrant : Coupe a 45° assemblé par equerres vissées.

### VITRAGE :

Simple ou double vitrage, de 6 mm a 22 mm maintenu par des joints en EPDM clippé sur le panneau avec un prise en feuillure minimum de 20mm. Le chassis dot être monté à l'intérieur de la maconerie.

### ETANCHEITE:

L'étanchéité est assuré par un joint central en EPDM. Une secande barrière est incluse dans le dormant au cenre du chassis (frappe). ;les joints sont en EPDM, ou Silicone.

Les fenêtres et les portes, assure un excellent drainage.

### CONCEPT PRODUIT:

Sliding windows, window doors , traditional

### FIXED FRAMES:

Fixed frame of form design and tubular section.

### OPENNIING FRAMES:

Side and central of form design and tubular section.

### ASSEMBLY:

Door frames: out of cut of mitre by squares with pawn.

Opening: out of cut of mitre by squares with pawn.

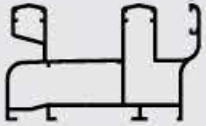
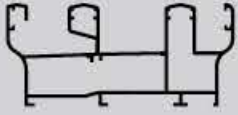
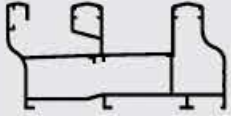
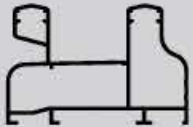
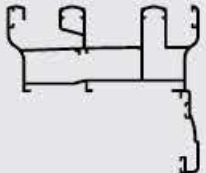
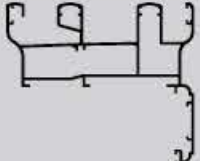
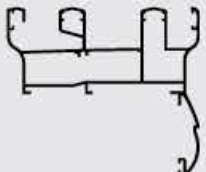
### GLAZING:

Simple or insulator of 6 with 22 mm maintained by joints in EPDM and a clipped panel a height minimum of 20mm (bottom of feuillure). The panel must obligatorily be with dimensions interior of construction

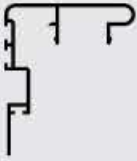

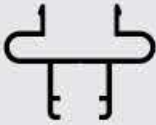
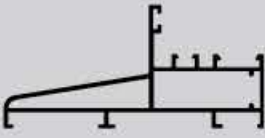
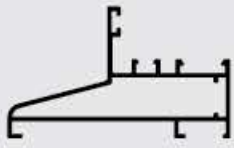
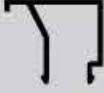

### SEALING:

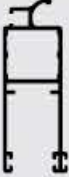
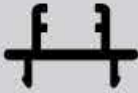





The sealing is guaranteed by a central sealing gasket in EPDM-ASTM tested. A second barrier, constituted by a sealing gasket, is on the flap by the inside overlap. Glazing is done with EPDM sealing gasket or silicone.







The windows and the door producers must guarantee an efficient drainage.

Profile Code No.	Profile	Description	Weight kg / m	Ix-x Cm4	Iy-y Cm4
DW 12100		SLIDING 2 R OUTER FRAME	1.555	15.702	47.441
DW 12102		SLIDING 2 R OUTER FRAME WITH FLY SCREEN	1.936	19.356	95.882
DW 12103		SLIDING 2 R OUTER FRAME WITH FLY SCREEN	1.757	17.952	74.956
DW 12104		SLIDING 2 R OUTER FRAME	1.378	14.098	35.095
DW 12105		SLIDING 2 R WITH FLY SCREEN ARCHITRAVE D	2.235	52.888	124.782
DW 12106		SLIDING 2 R WITH FLY SCREEN ARCHITRAVE F	2.244	51.929	126.962
DW 12107		SLIDING 2 R WITH FLY SCREEN ARCHITRAVE C	2.239	51.623	124.590

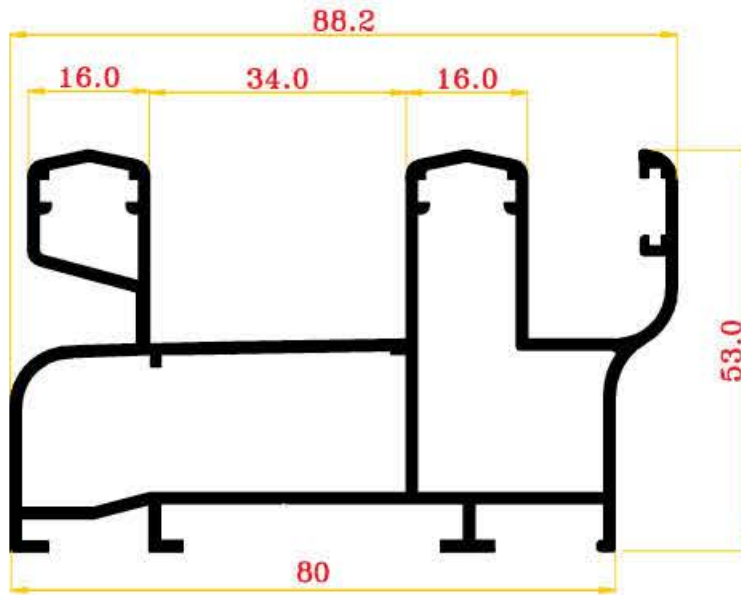
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DW 12108		SLIDING 2 R WITH FLY SCREEN ARCHITRAVE F C	2.216	49.060	123.899
DW 12109		SLIDING 3 R OUTER FRAME	2.184	21.084	151.907
DW 12111		SLIDING 2 R WITH FLY SCREEN ARCHITRAVE C	2.212	48.652	123.116
DW 12115		SLIDING 2 R WITH FLY SCREEN WITH LARGE ARCHITRAVE C	2.163	47.552	122.611
12200/A		SLIDING SASH SINGLE GLAZING	1.296	29.559	10.721
12201/A		SLIDING SASH DOUBLE GLAZING	1.226	26.204	10.614
12320		FLY SCREEN FRAME	0.583	26.797	9.960

Profile Code No.	Profile	Description	Weight kg / m	Ix-x Cm4	Iy-y Cm4
12312/A		INTER LOCK PROFILE	0.505	4.715	4.009
12313/A		INTER LOCK PROFILE CURVED	0.564	5.550	4.314
12314/A		MEETING ADAPTATOR	0.337	0.602	1.602
DW 44305		FIXED 100mm	1.187	4.901	37.616
DW 44306		FIXED 80mm	0.936	4.357	20.128
DW 44400		SINGLE GLAZING BEED	0.258		
DW 44401		DOUBLE GLAZING BEED	0.213		

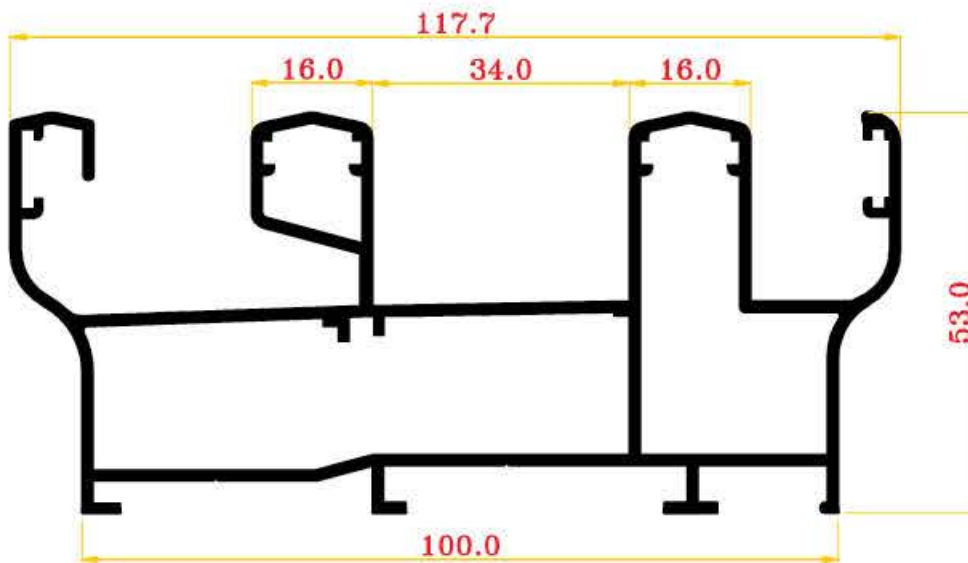
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DW 12315		FLY SCREEN	0.655	9.224	1.925
DW 12316		MEETING ADAPTATOR FLY SCREEN	0.173	0.986	0.886
12302/A		ARCHITRAVE FLAT 70 mm	0.367		
DW 12300		DECORATIVE ARCHITRAVE 50 mm	0.369		
DW 12301		DECORATIVE ARCHITRAVE 34 mm	0.295		
DW 12302		ARCHITRAVE FLAT 50 mm	0.307		
DW 12303		ARCHITRAVE FLAT 34 mm	0.237		

Profile Code No.	Profile	Description	Weight kg / m	Ix-x Cm4	Iy-y Cm4
DW 12304		ARCHITRAVE 50 mm	0.357		
DW 12305		ARCHITRAVE 34 mm	0.280		
DW 12308		ROUND ARCHITRAVE 50 mm	0.365		
DW 12309		ROUND ARCHITRAVE 34 mm	0.298		
DW 12310		CURVED ARCHITRAVE 50 mm	0.355		
DW 12311		CURVED ARCHITRAVE 34 mm	0.273		

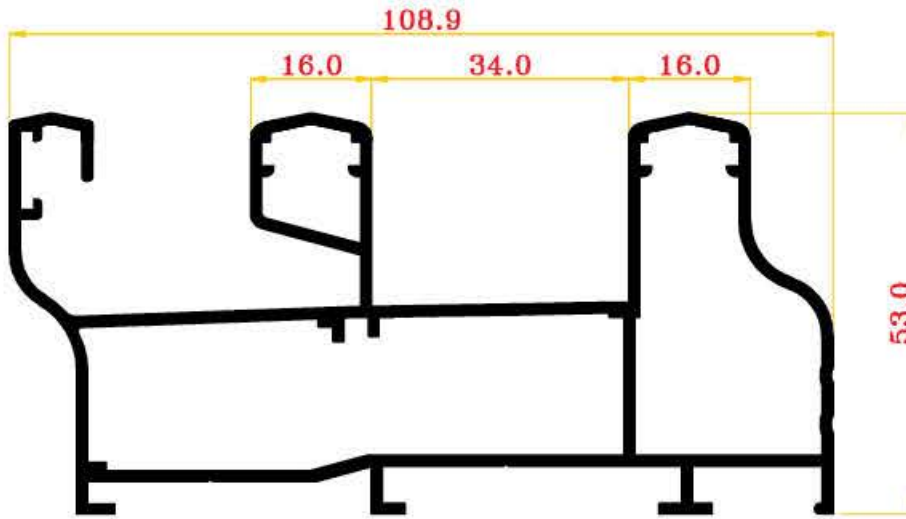




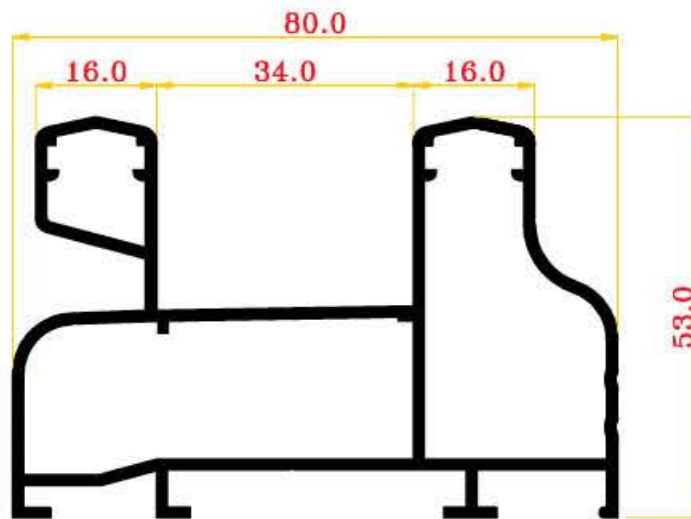
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DW 12100	1.555



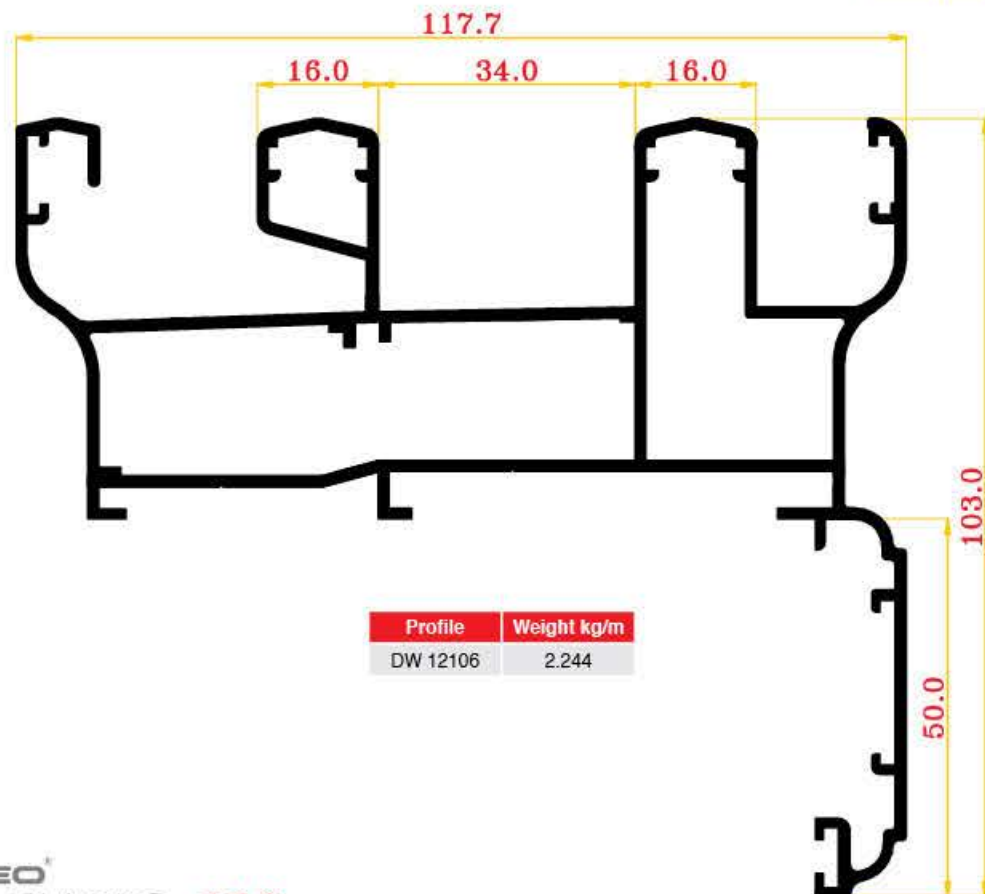
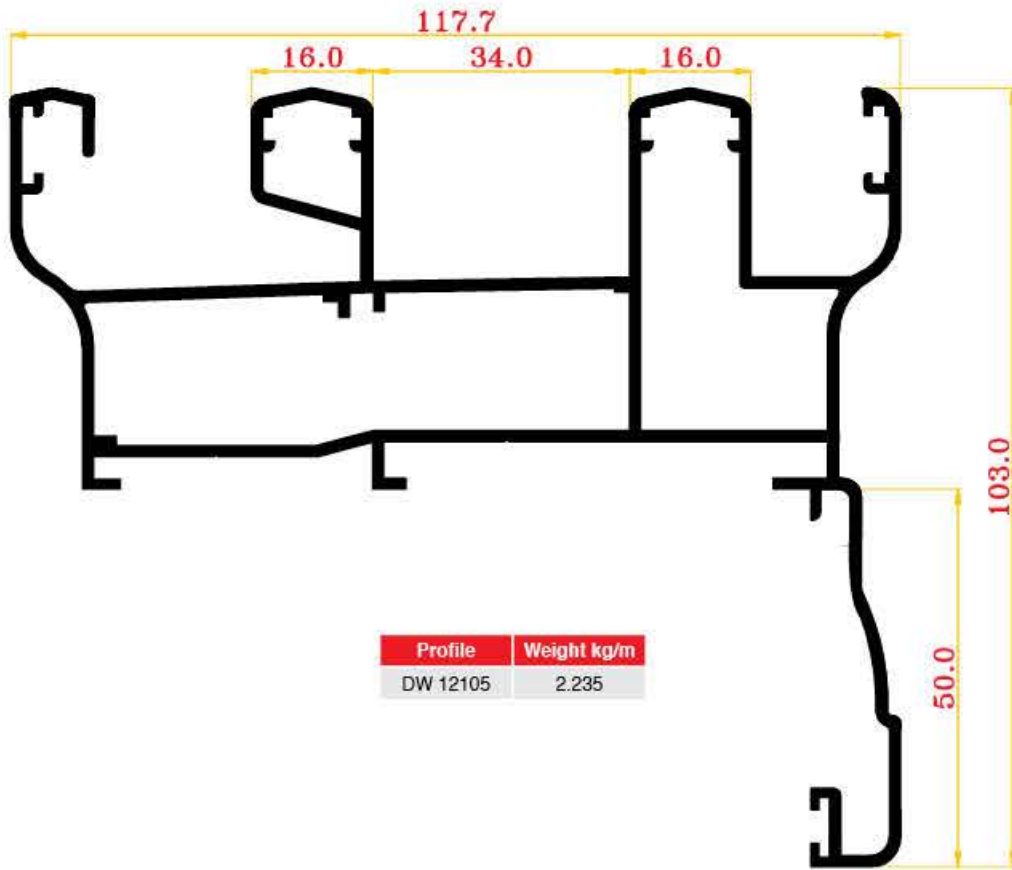
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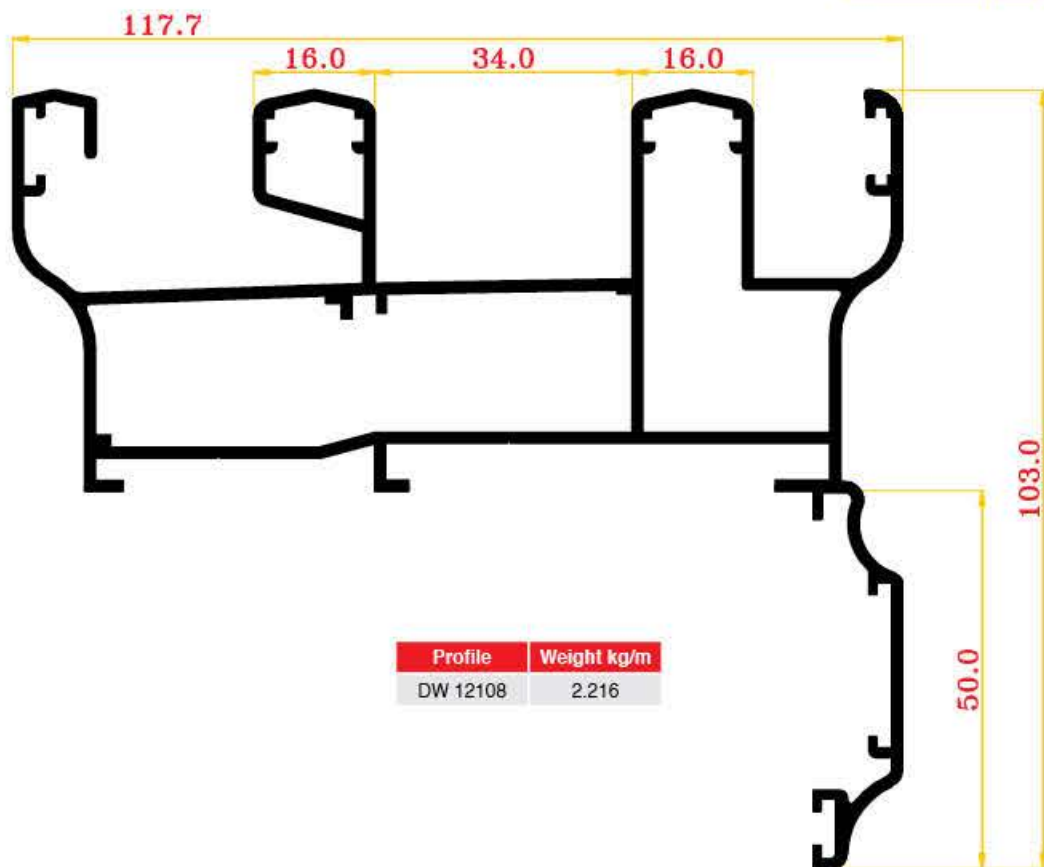
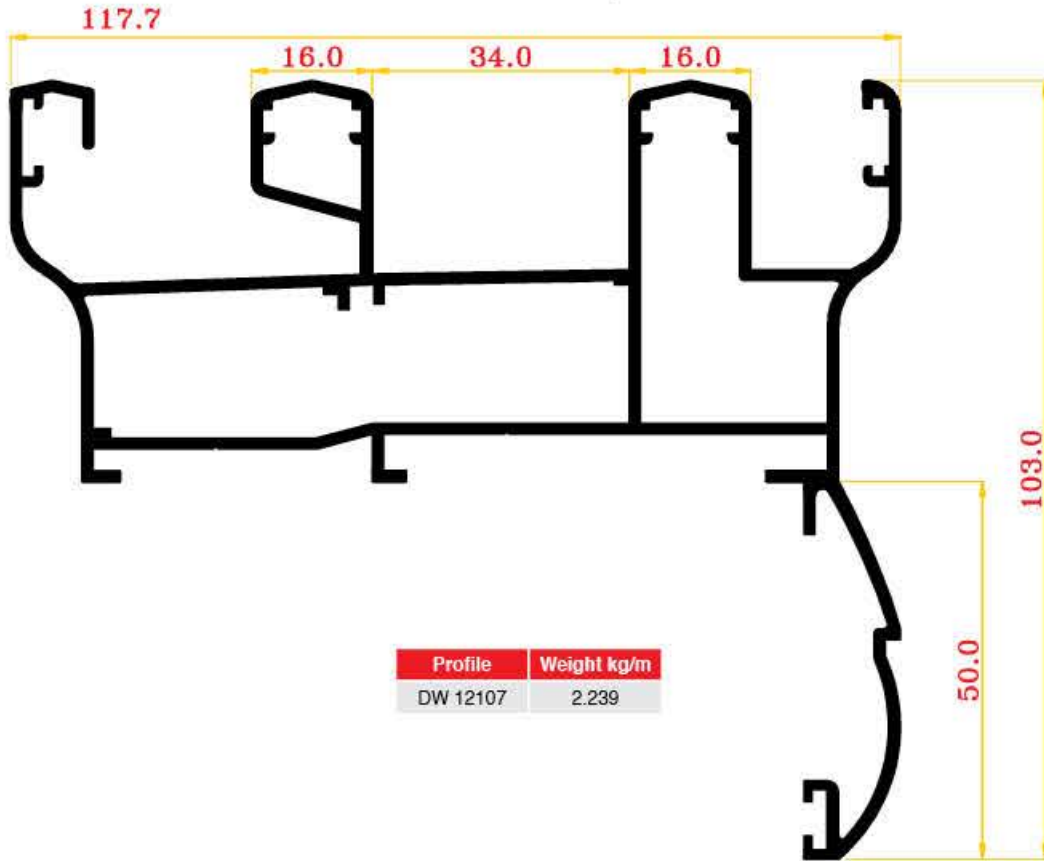


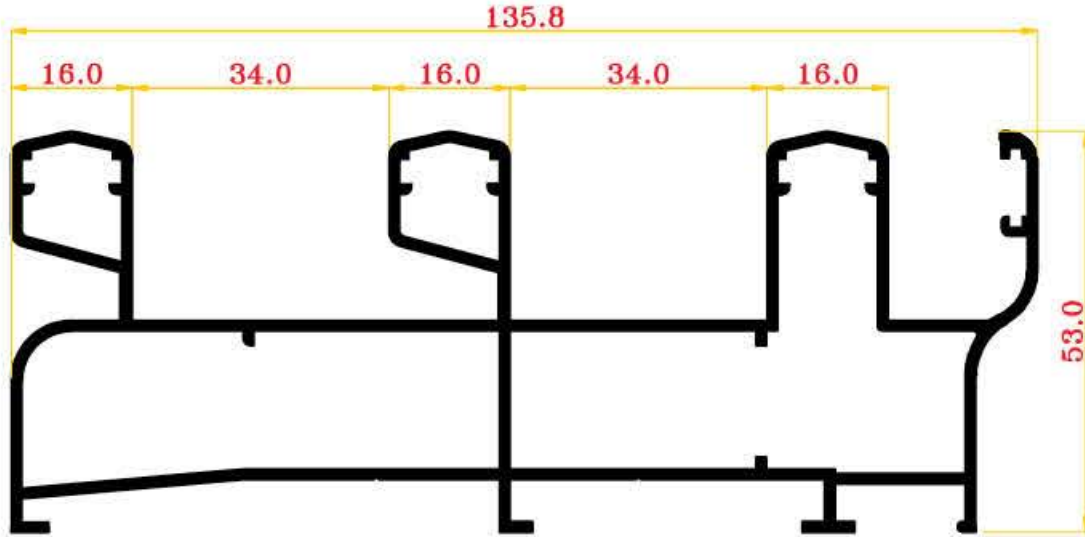
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DW 12103	1.757



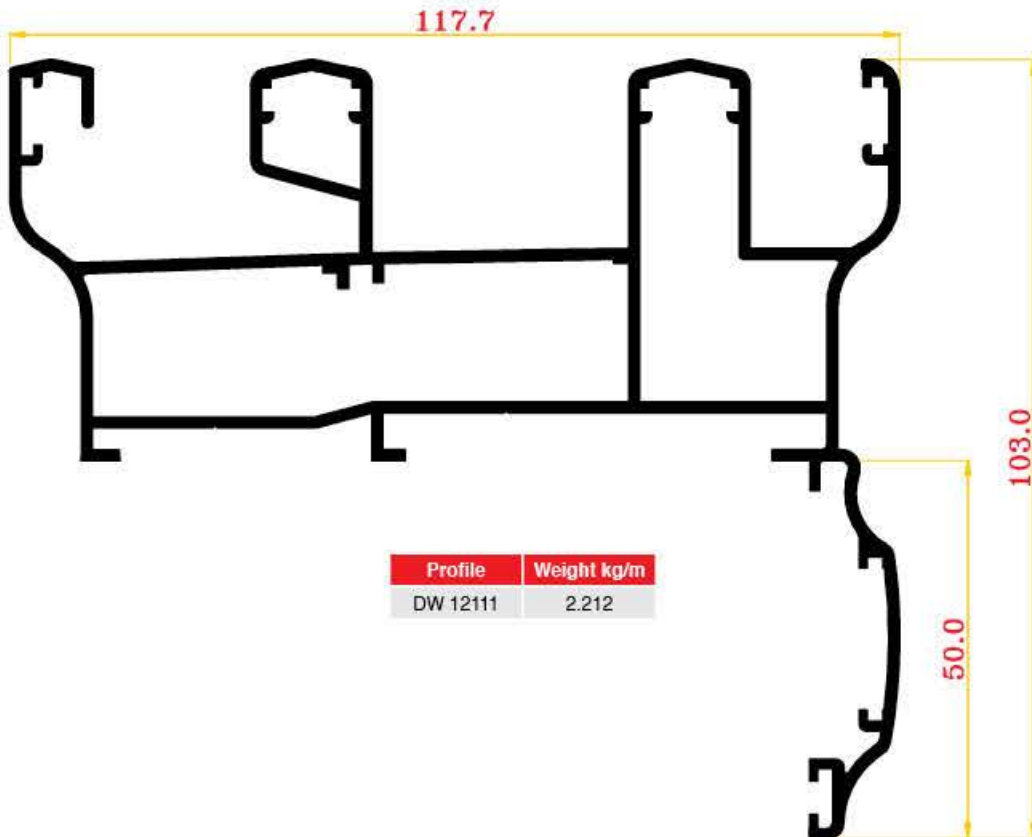
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DW 12104	1.378



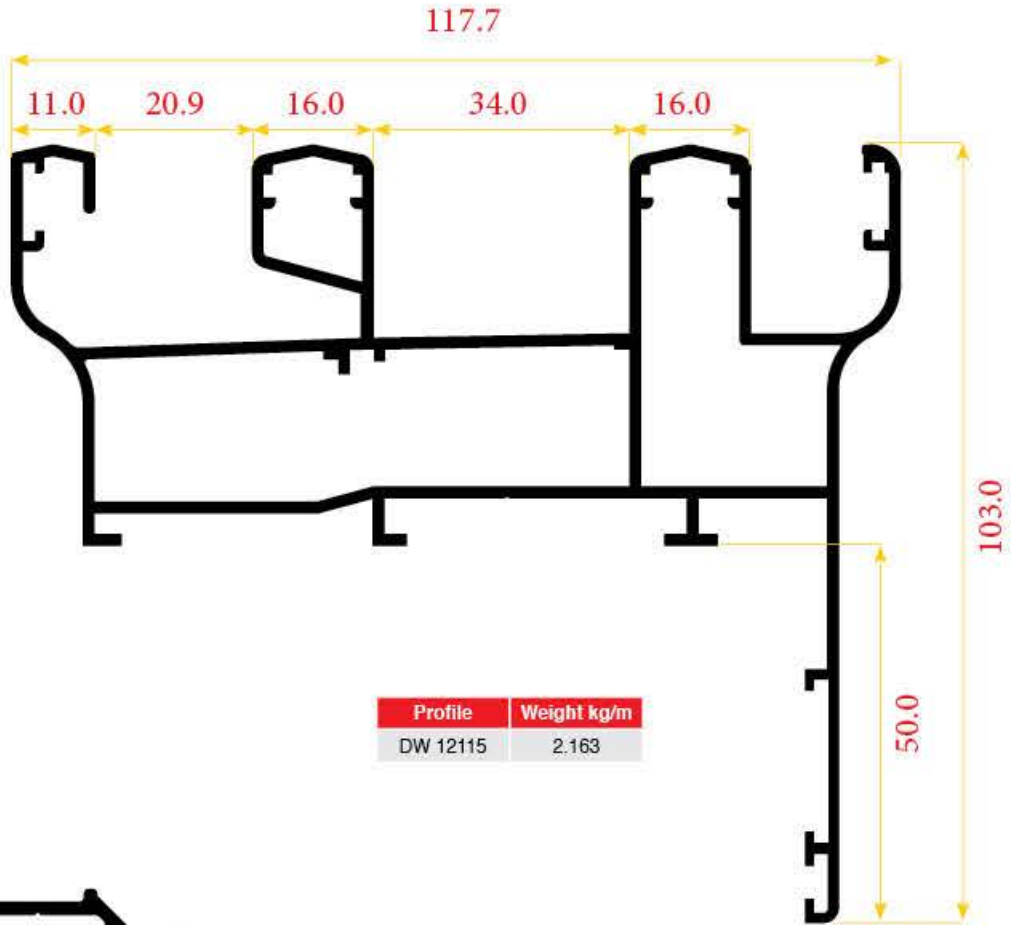




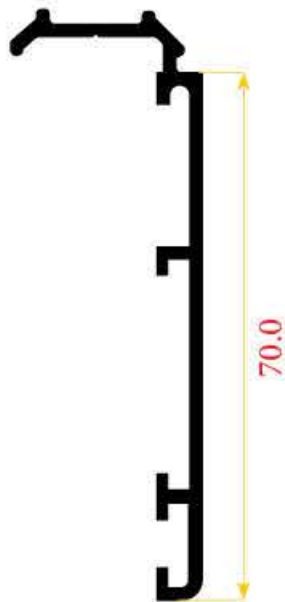
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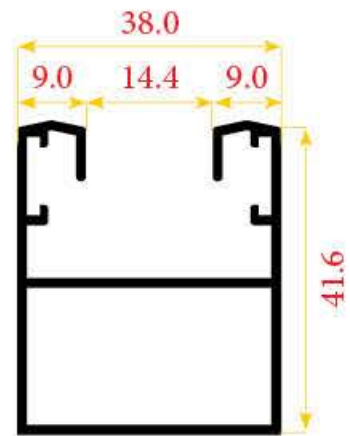
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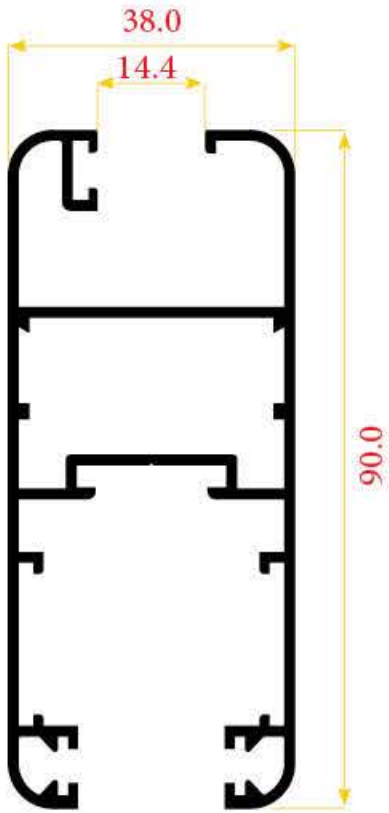
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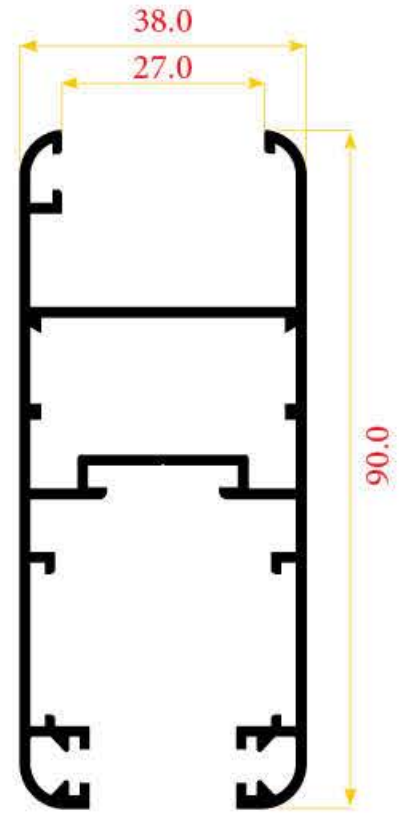
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DW 12302/A	0.367



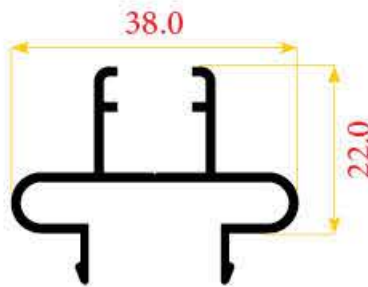
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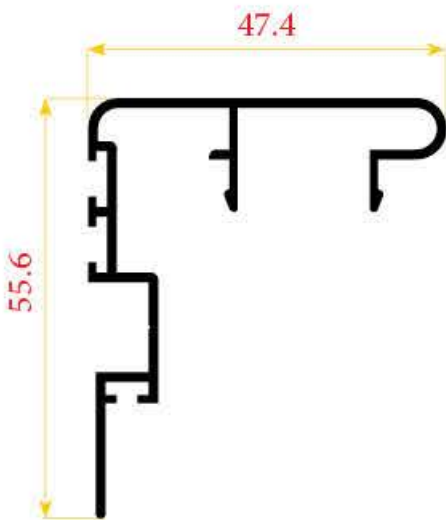
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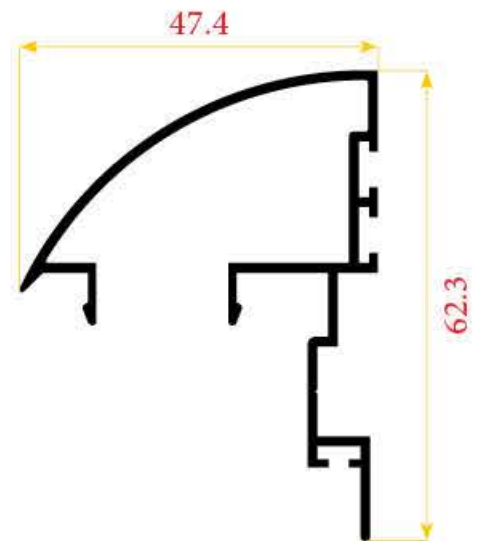
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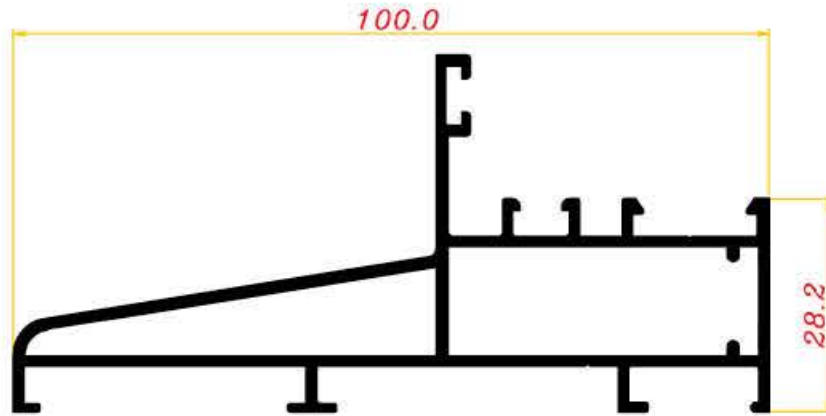
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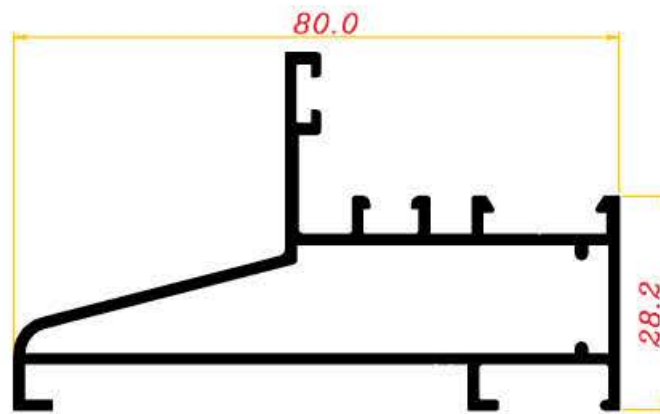
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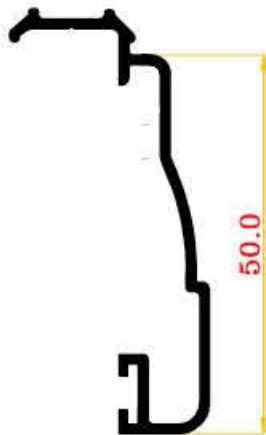
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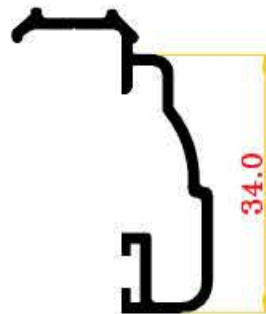
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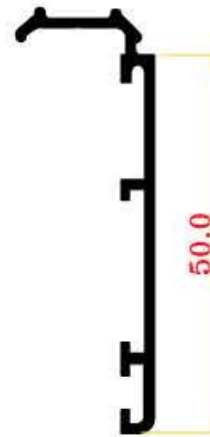
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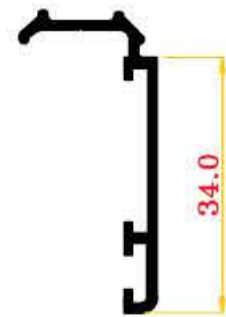
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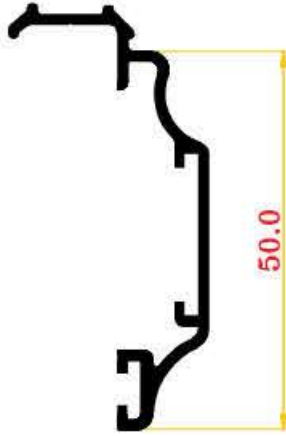
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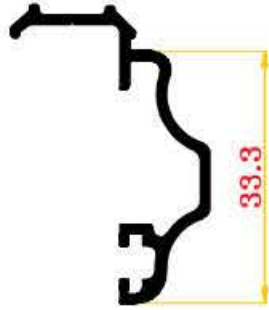
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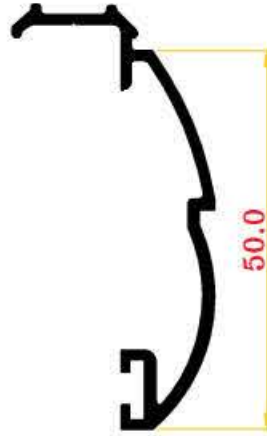
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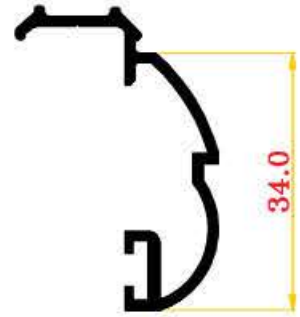
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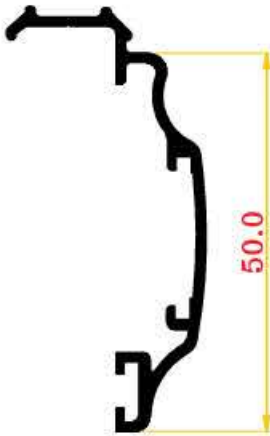
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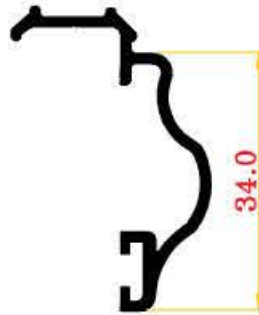
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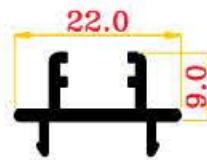
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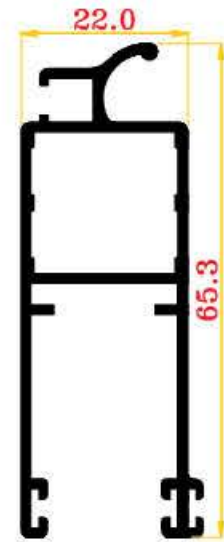
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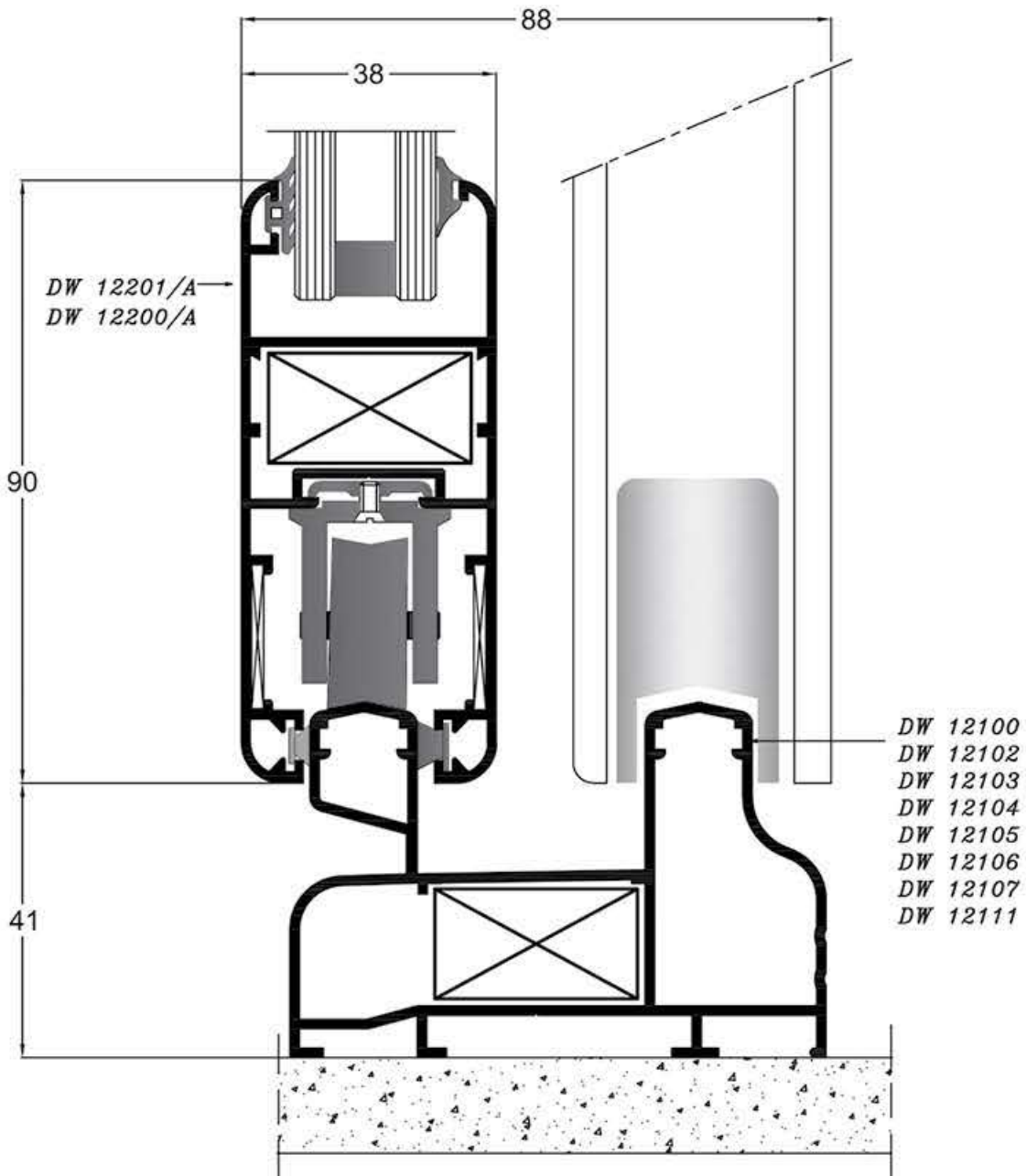
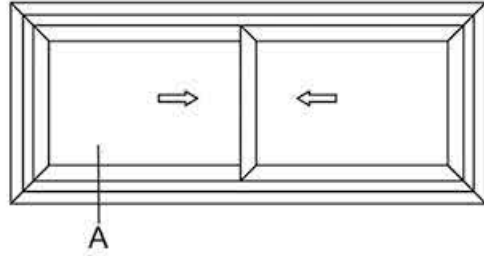
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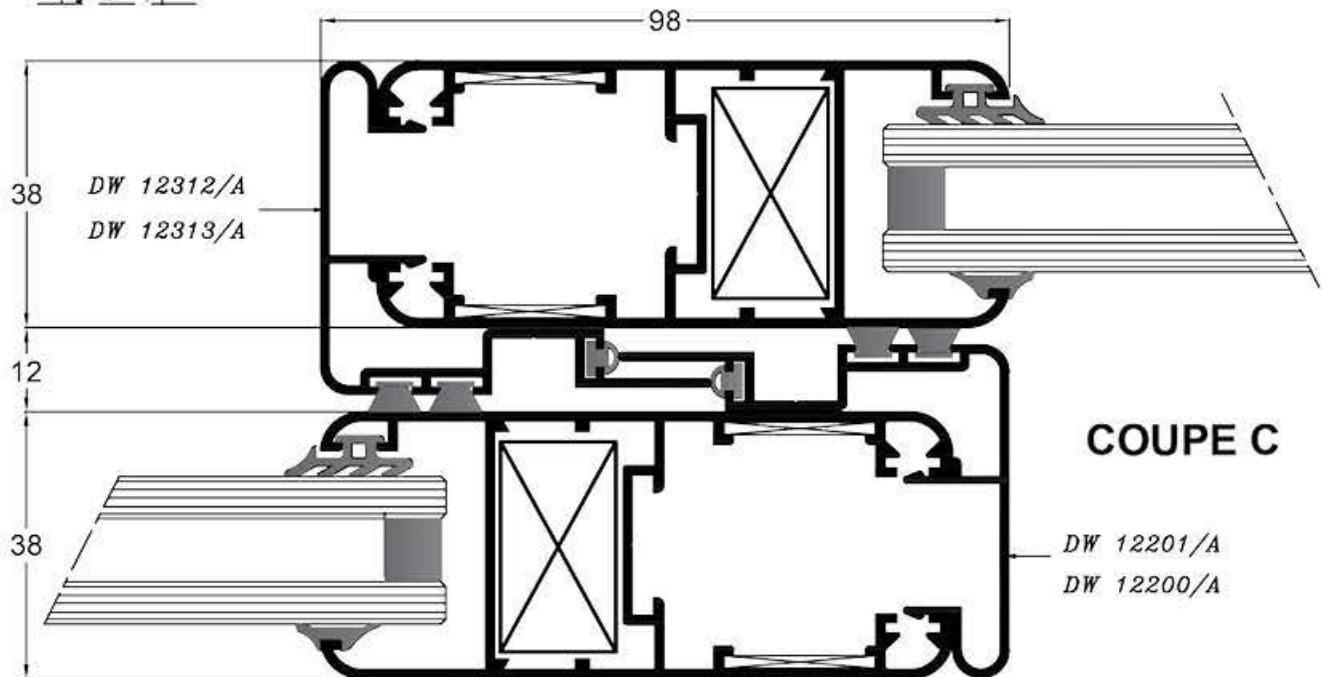
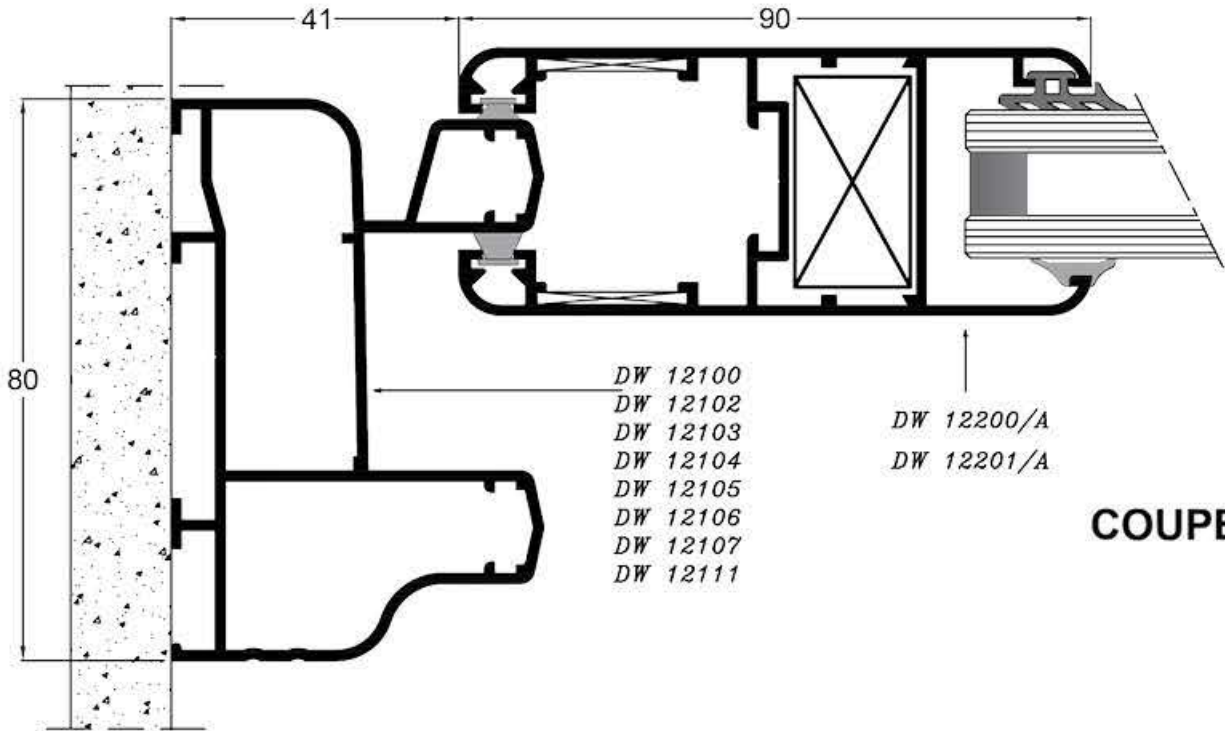
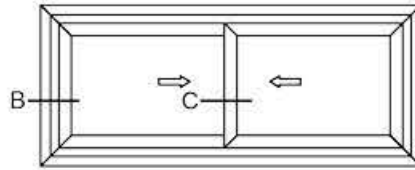
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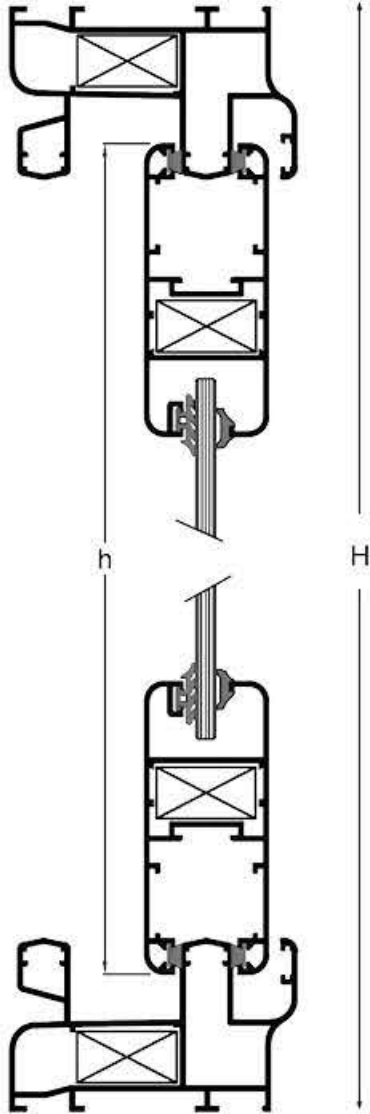
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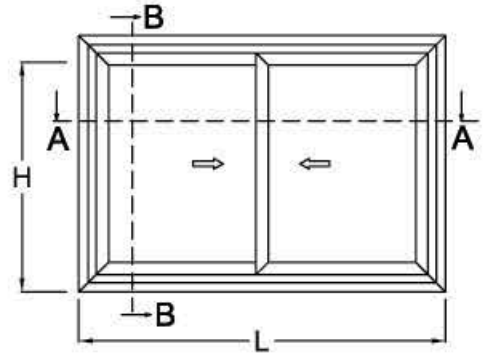
**COUPE A**

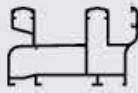
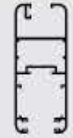
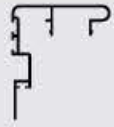



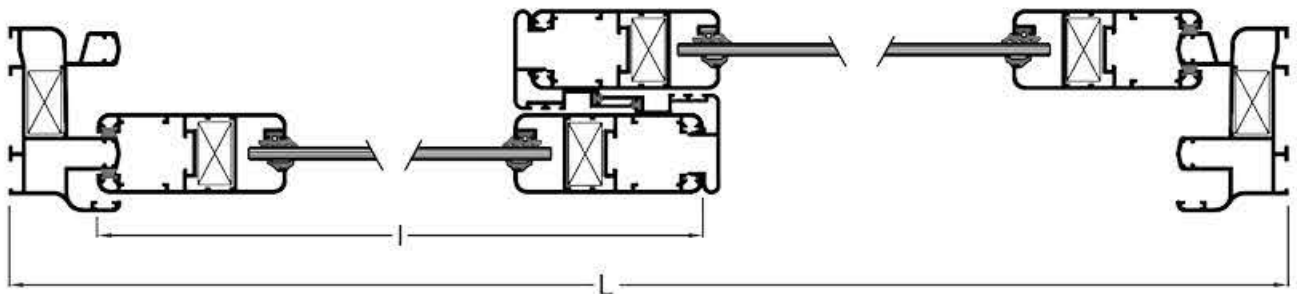
## Fenêtre Coulissante 2 Feuilles



**COUPE B-B**



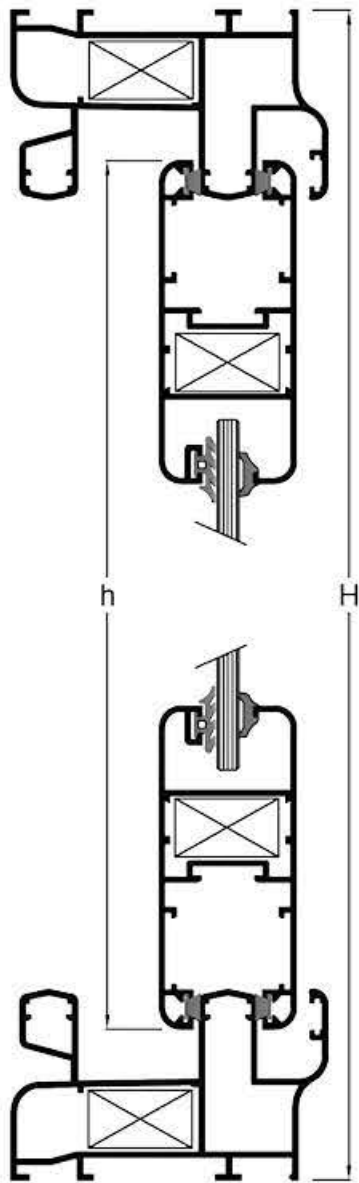
CUTTING LIST			
Shape	Prof. No.	QTY.	Cutting Length (mm)
	DW 12100	2	L
		2	H
	DW 12200/A	4	$(L-5)/2$ $(L-21)/2$
		4	H - 85
	DW 12312/A	2	H - 85
	DW 12313/A	2	H - 85
Glass		2	$(L - 296) / 2$
			H - 234



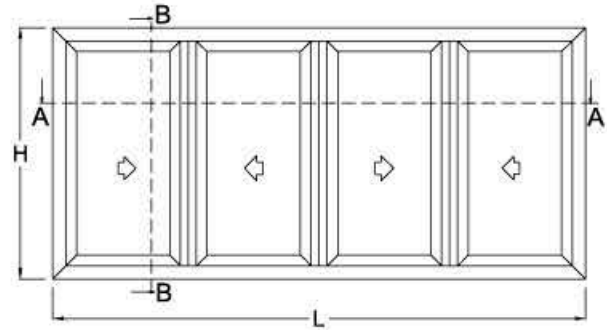
**COUPE A-A**



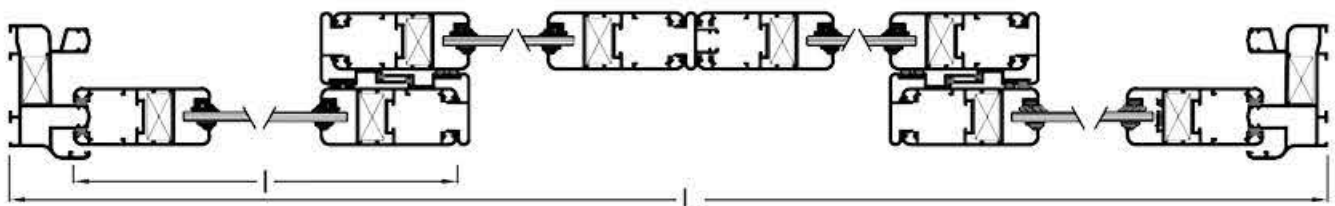
## Fenêtre Coulissante 4 Feuilles



**COUPE B-B**

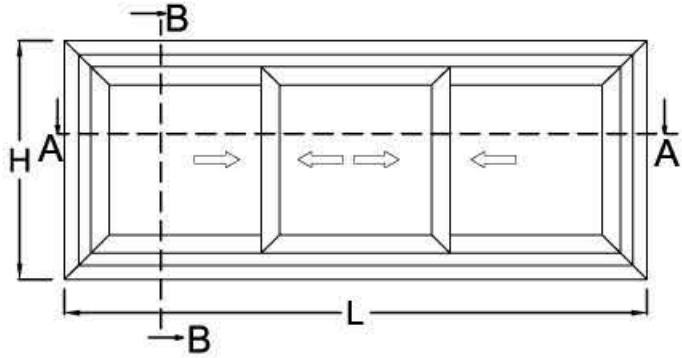
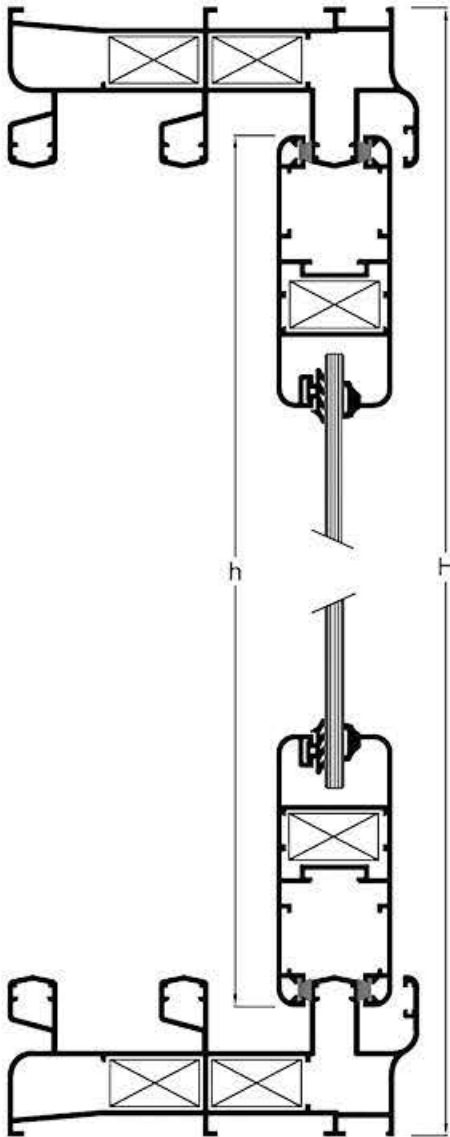


CUTTING LIST			
Shape	Prof. No.	QTY.	Cutting Length (mm)
	DW 12100	2	L
		2	H
	DW 12200/A	8	$(L+66)/4$ $(L+35)/4$
		8	H - 85
	DW 12312/A	4	H - 85
	DW 12313/A	4	H - 85
	DW 12314/A	1	H - 85
Glass		4	$(L - 520) / 4$
			H - 234



**COUPE A-A**

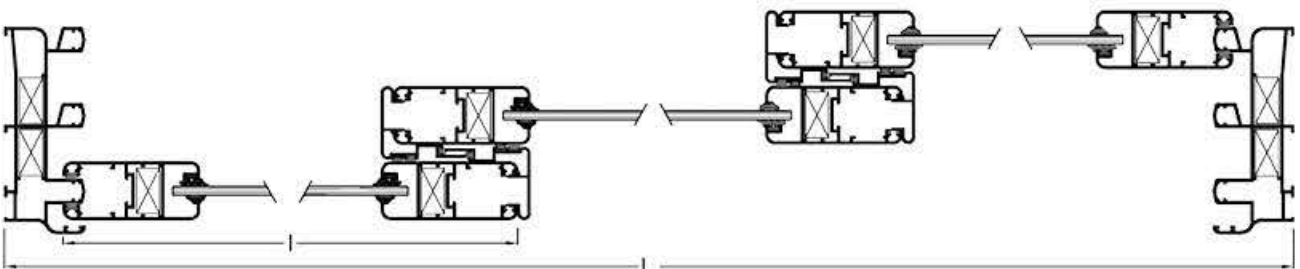
**Fenêtre Coulissante 3 Feuilles**



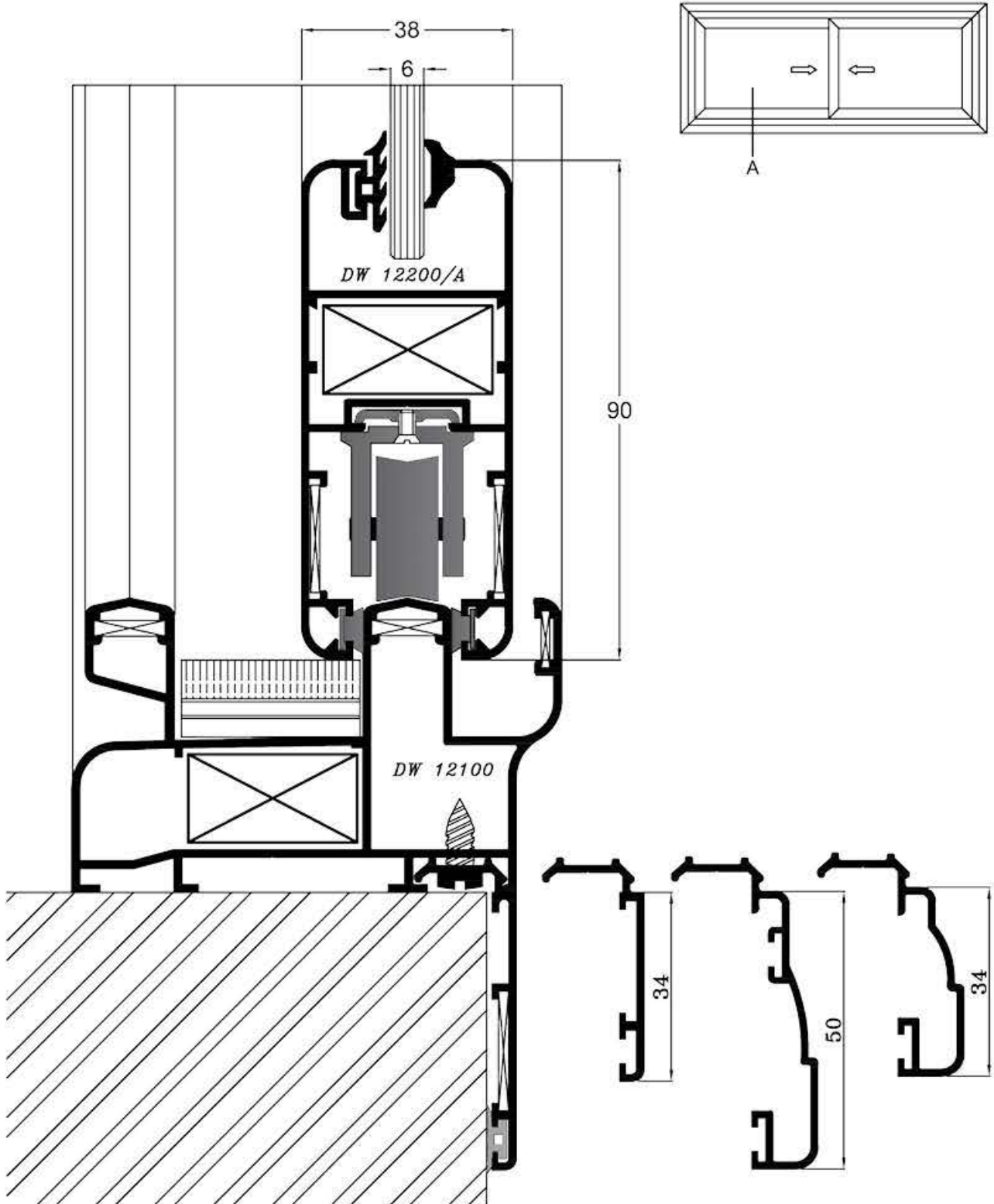
**CUTTING LIST**

Shape	Prof. No.	QTY.	Cutting Length (mm)
	DW 12109	2	L
		2	H
	DW 12200/A	6	$(L+70)/3$ $(L+35)/3$
		6	H - 85
	DW 12312/A	4	H - 85
	DW 12313/A	4	H - 85
Glass		3	$(L - 362) / 3$
			H - 234

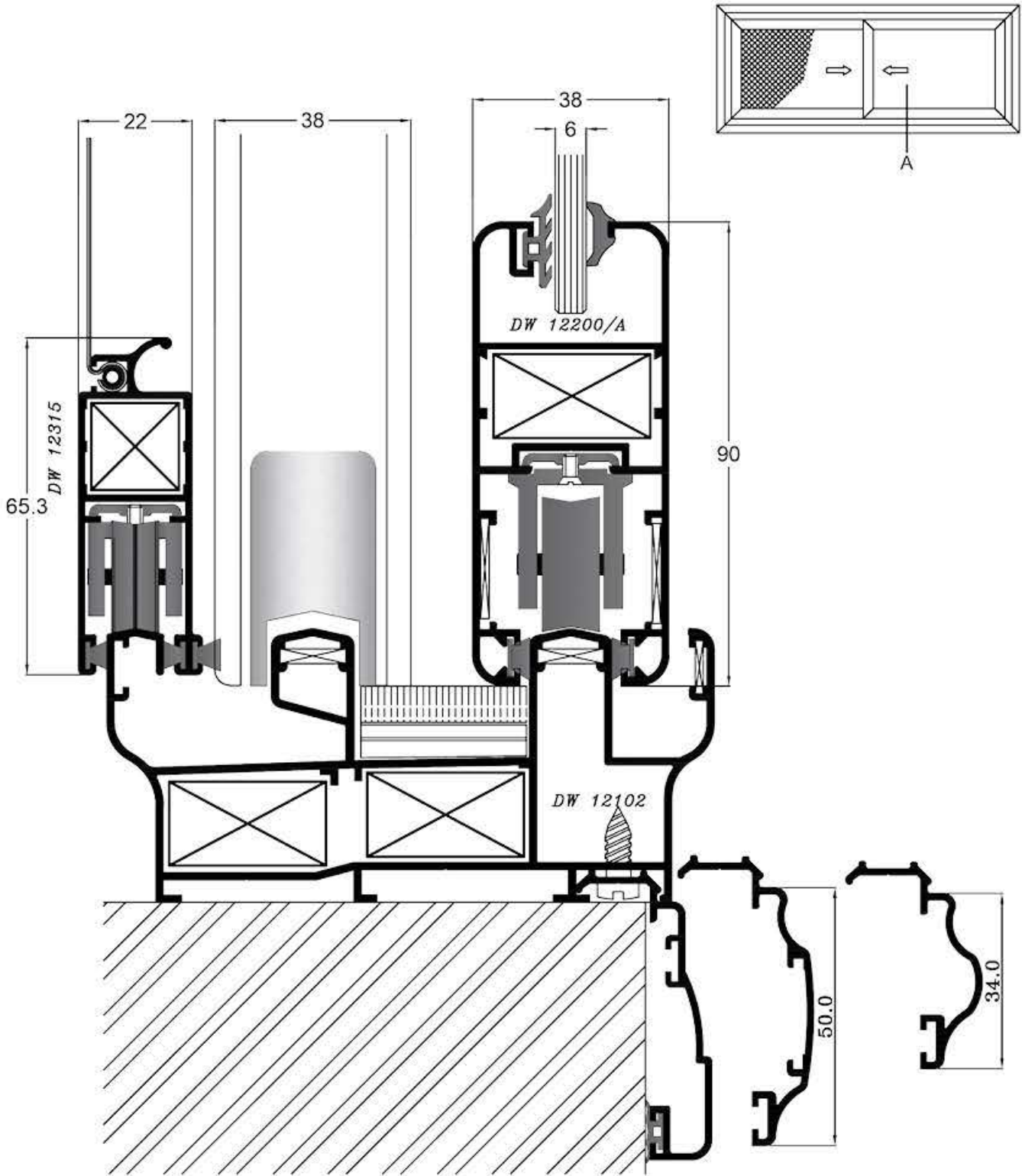
**COUPE B-B**



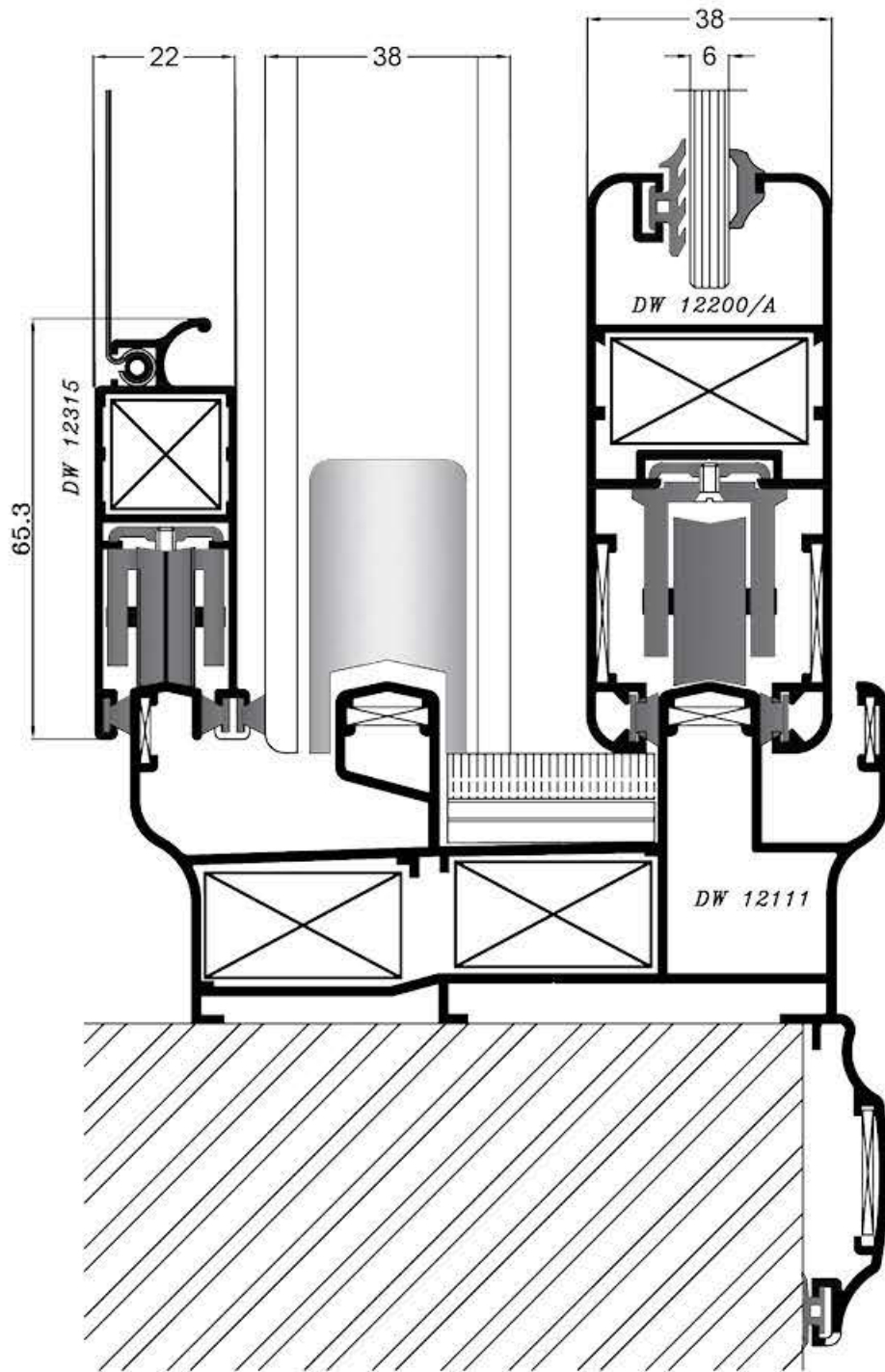
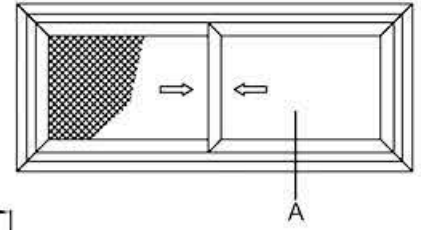
**COUPE A-A**



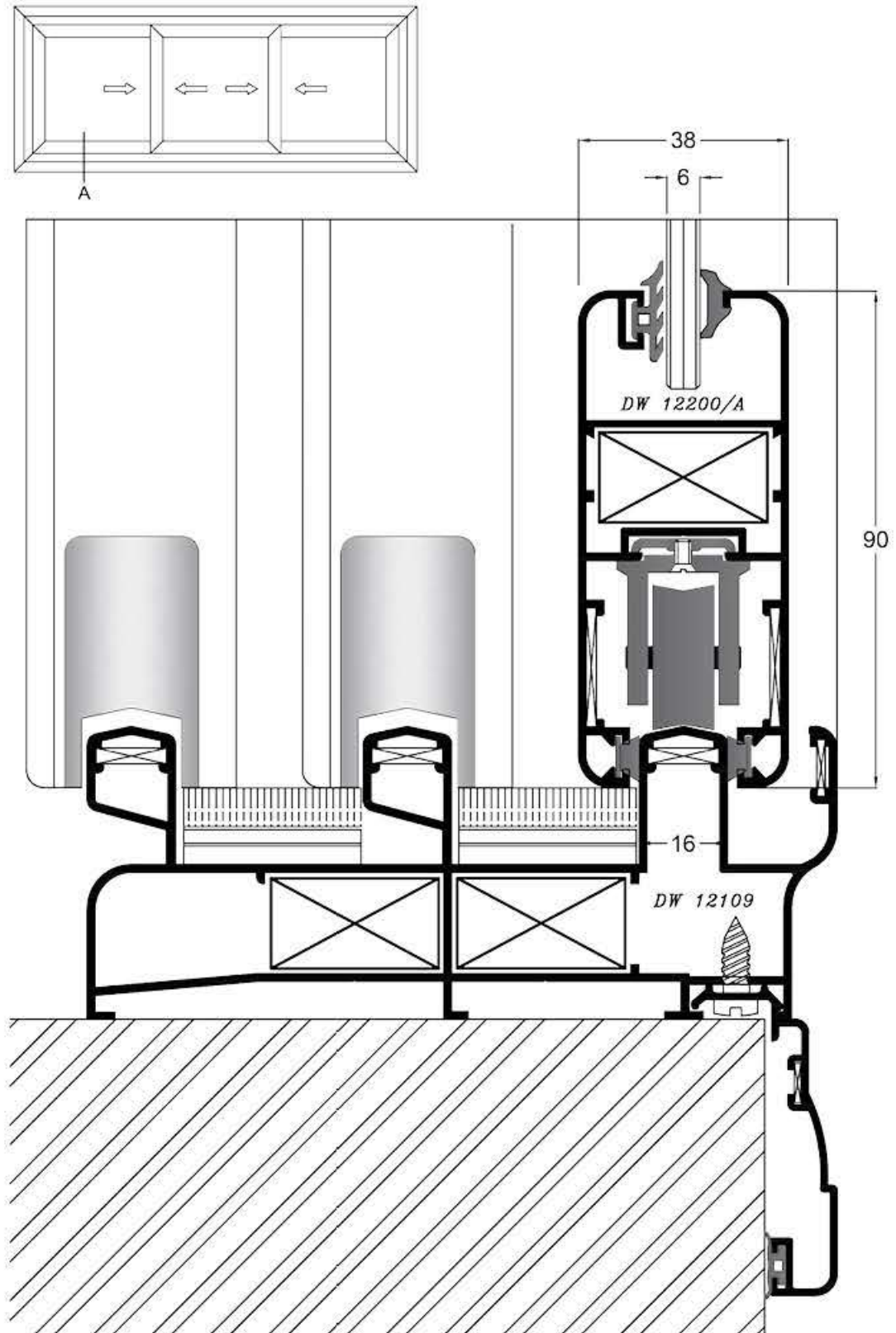
**COUPE A**



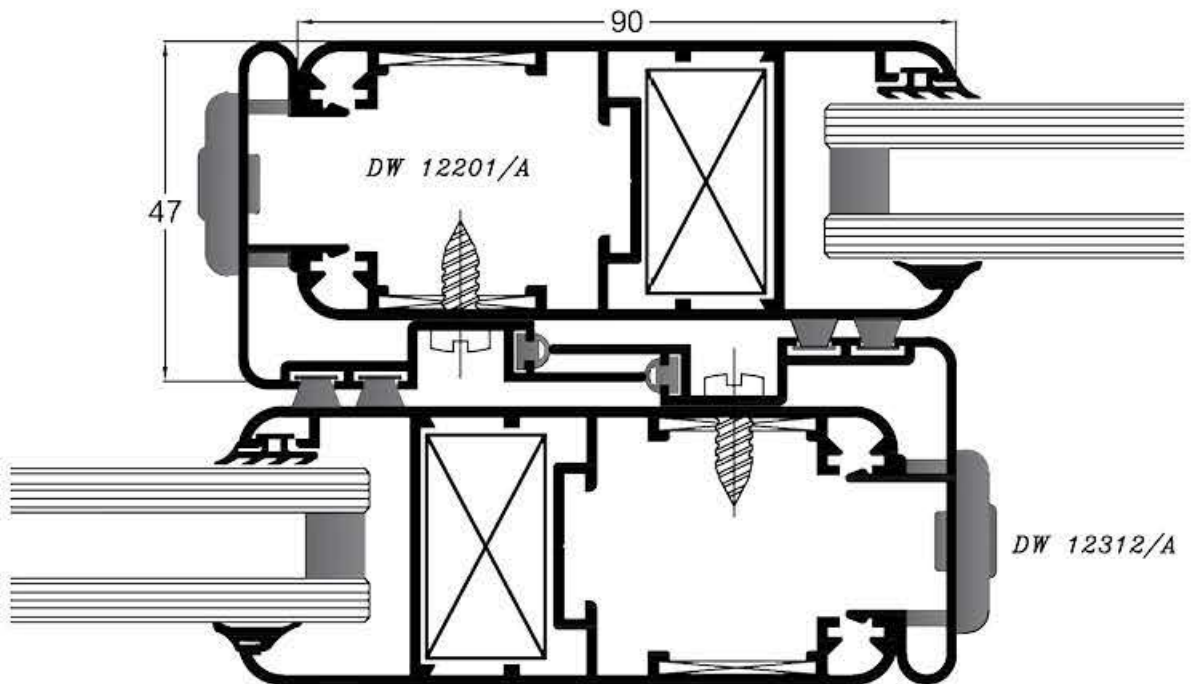
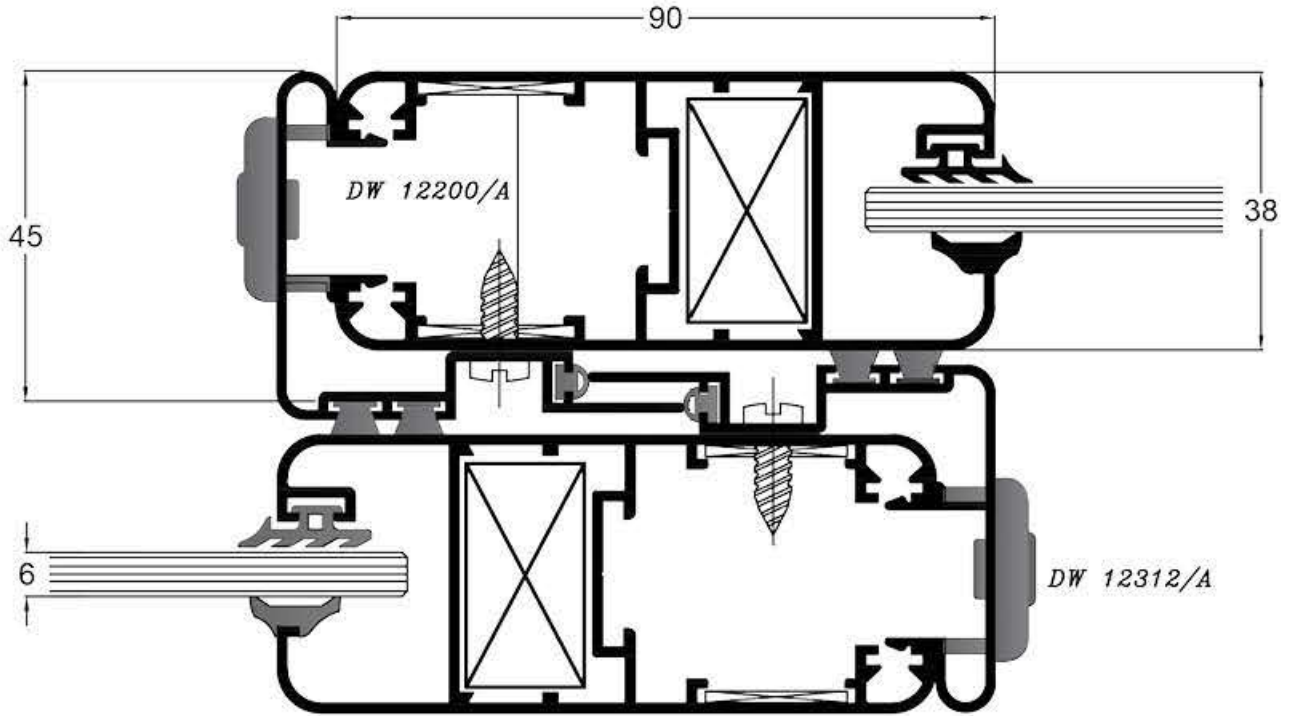
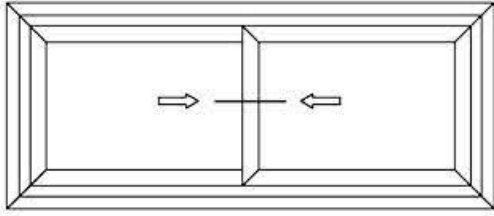
**COUPE A**

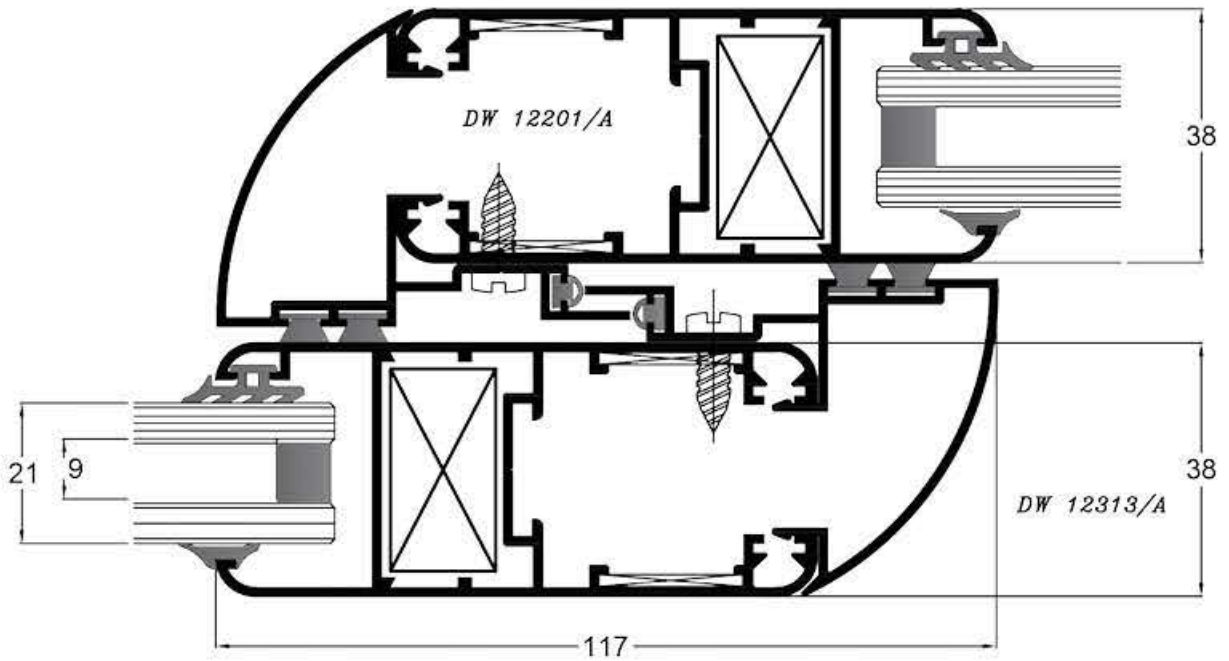
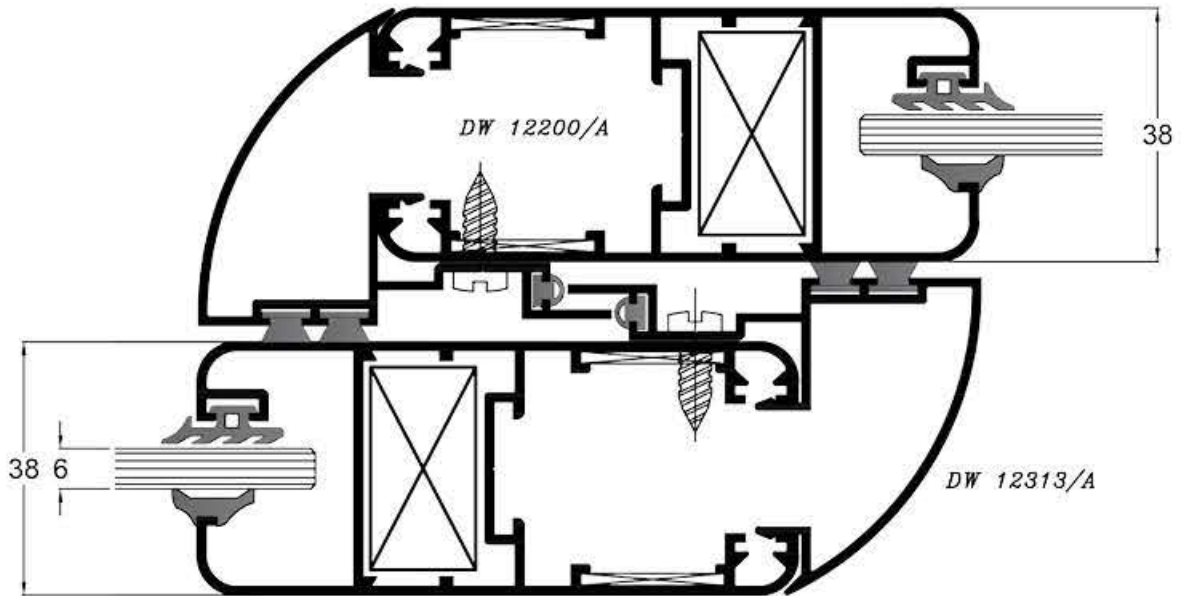
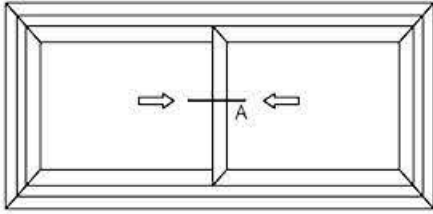


**COUPE A**

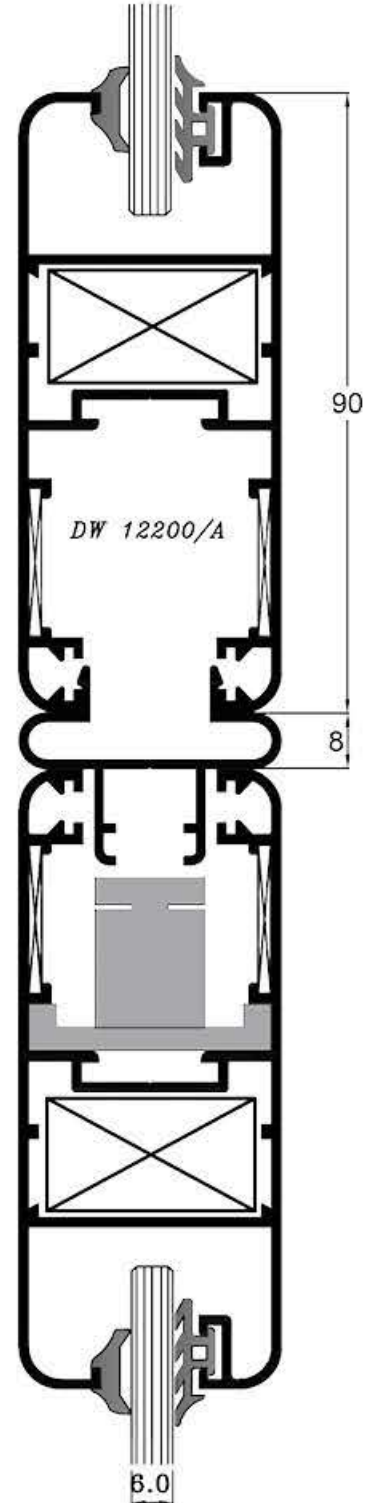
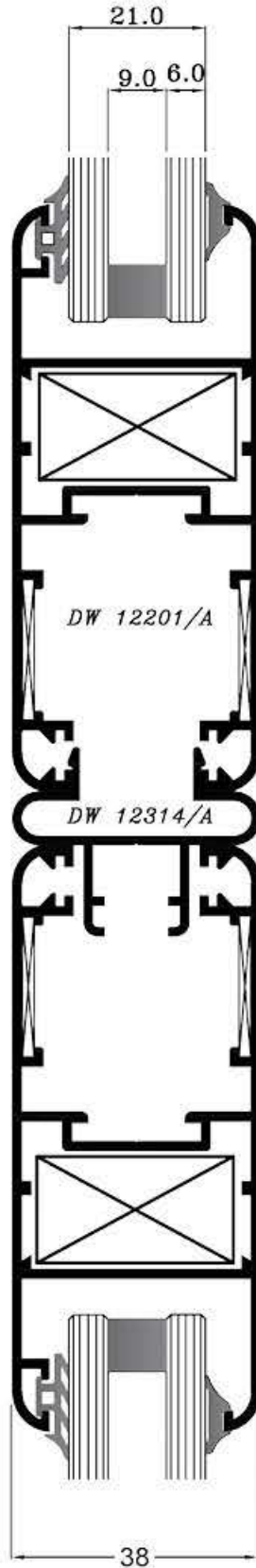
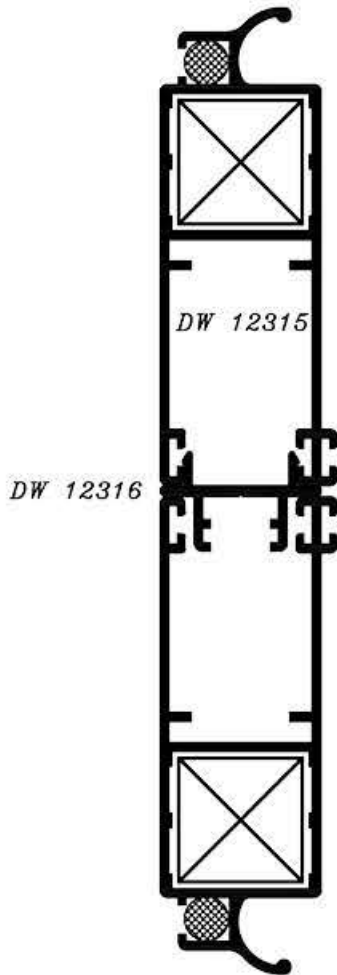
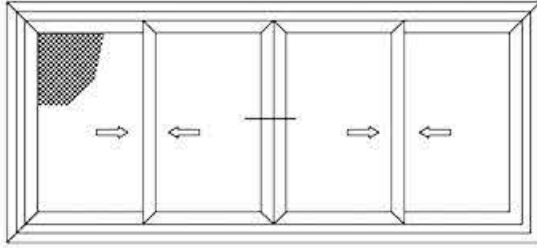


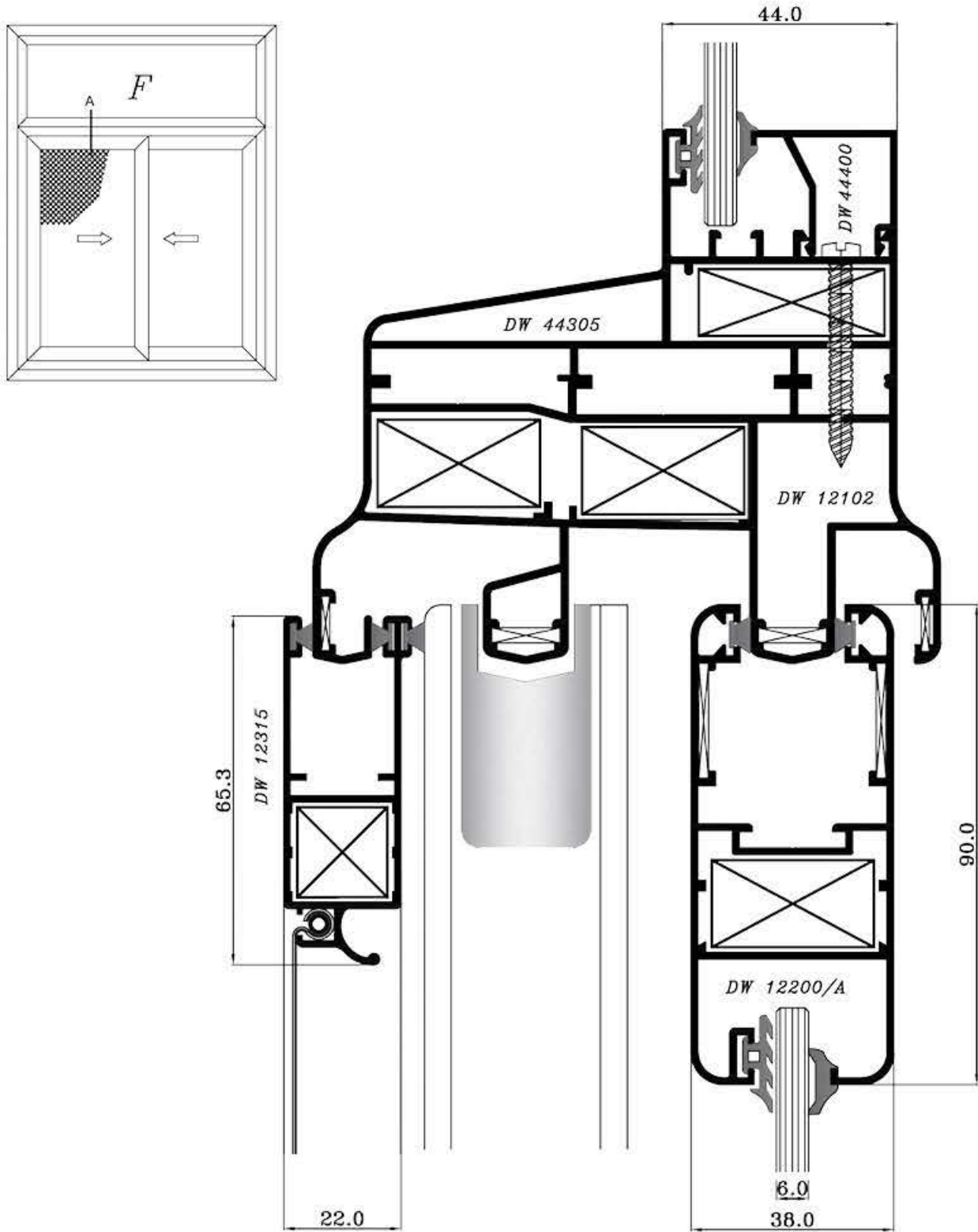
**COUPE A**





**COUPE A**










**COUPE A**

Code	Drawing	Description	Material
WH-OMEGA-05		CREMON HANDEL	ALUMINIUM
IH-247-05		PORTOGUES LOCK PLATE	ALUMINIUM
01-4210		CORNER JOINT	ALUMINIUM
ALU-575		ALIGNMENT FOR SASH	ALUMINIUM
PLAST-570		ALIGNMENT FOR SASH	PVC
ALU-574		ALIGNMENT FOR FRAME	ALUMINIUM
ANTIDUST-3395-03		ANTI DUST	ALUMINIUM

Code	Drawing	Description	Material
PLAST-3331		SHOCK ABSORBER GUIDE	PLASTIC
 SUPRIMO Kitchens & Windows		DOUBLE ROLLER (320 Kg)	ITALIAN NYLON
 SUPRIMO Kitchens & Windows		SINGLE ROLLER (160 Kg)	ITALIAN NYLON
 SUPRIMO Kitchens & Windows		ROLLER FOR FLY SCREEN	ITALIAN NYLON
 SUPRIMO Kitchens & Windows		CORNER JOINT FOR FLY SCREEN	PVC
 SUPRIMO Kitchens & Windows		COVER CAPS	PVC
PB 01		BRUSH FOR DOOR 7*7 mm	NAYLON



Code	Drawing	Description	Material
PB 02		BRUSH FOR DOOR 7*10 mm	NAYLON
AVR.03		GLASS GASKET 3 mm	EPDM
AVR.03`		GLASS GASKET 3 mm	EPDM
AVR.04		GLASS GASKET 4 mm	EPDM
AVR.05		GLASS GASKET 5 mm	EPDM