



ZEUS SLIDING

**THE NEXT GENERATION BURGLAR PROOF
AND ENERGY EFFICIENT SYSTEM**

October 2016



ZEUS LOCKING SYSTEMS

NEXT GENERATION BURGLAR PROOF TECHNOLOGY

We are proud to present to you The Next Generation Burglar Proof Technology for aluminium doors and windows.

ZEUS systems utilize internationally patented innovative technology to create a solid firm surface, invulnerable to unauthorized attempts to enter, dismantle or break in because your safety is our priority!

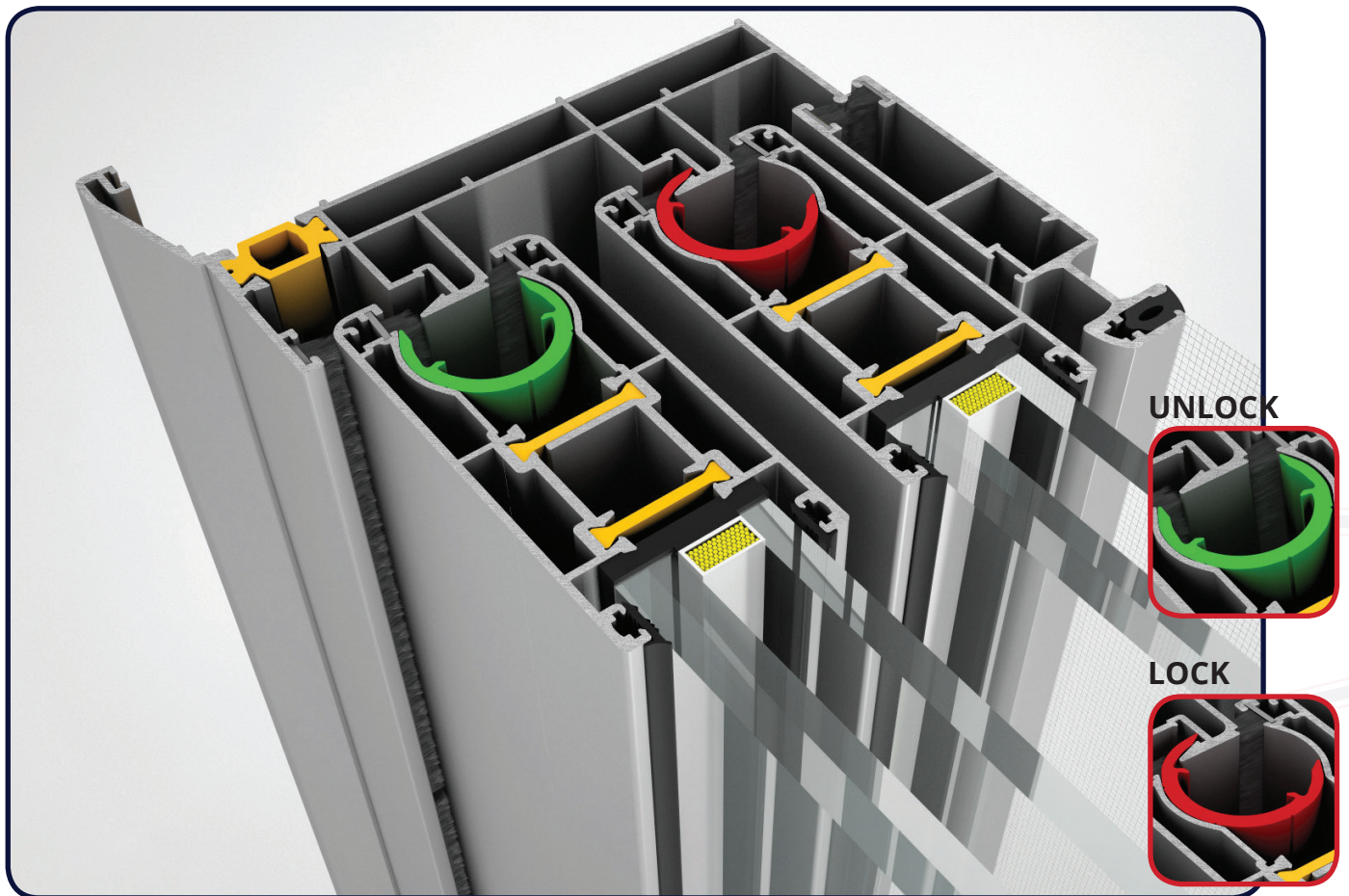
Offering a total burglar proof and weather proof solution for your home or business, **ZEUS** systems can be either casement or sliding, thermally broken or not, protecting your beloved ones and your valuables from any external danger.

With an unprecedented robustness and durability, **ZEUS** is the first ever aluminium system classified with an RC2 and RC3 official certificate from the Giordano Institute in Italy.

ZEUS technology is developed without compromising your comfort and wellbeing allowing all other features of conventional windows and doors to be applicable.

Immaculately designed and manufactured according to the highest standards, **ZEUS** systems are a high-end but cost effective solution that offer unparalleled safety to your aluminium doors and windows.

A brilliant invention, with wildly greater added value than any other system in the market because your safety is simply priceless!

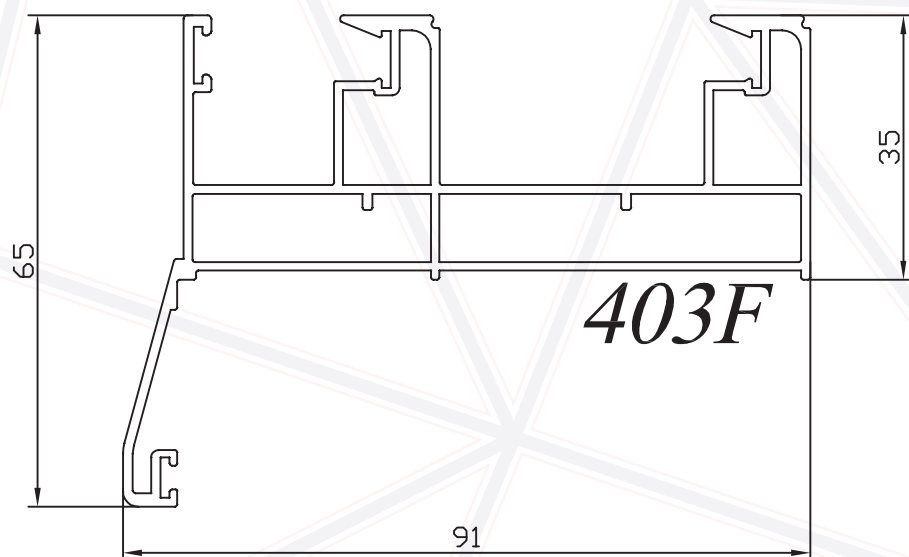
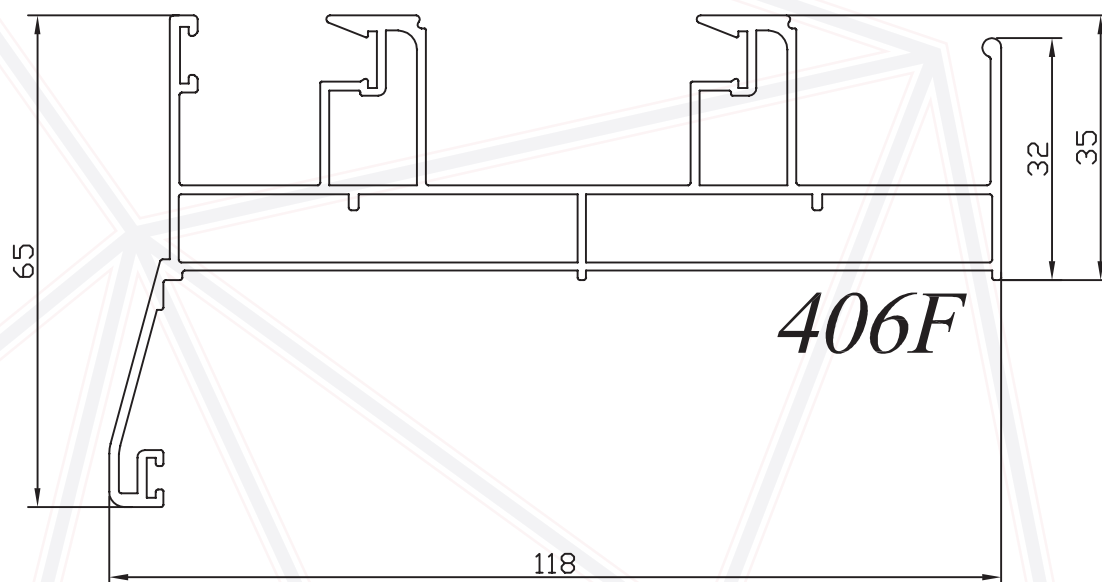
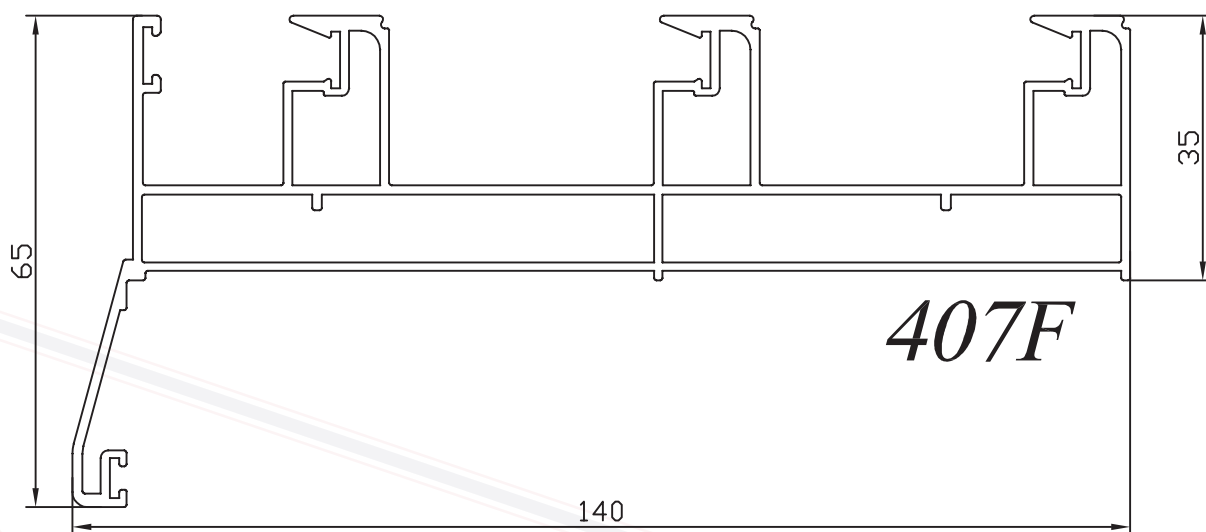


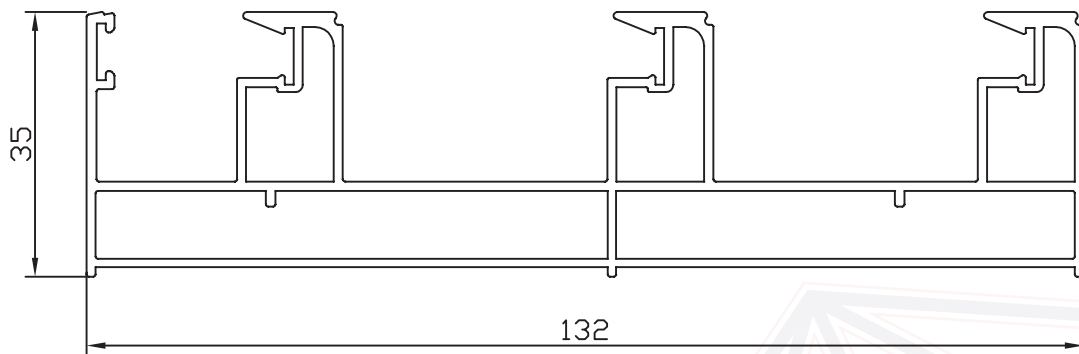
ZEUS anti-theft systems are unique in the aluminium market, as they are in fact the only real burglarproof aluminium systems.

Unlike the common aluminium anti-burglary systems, **ZEUS** systems lock perimetrically along their whole height and width, not only in several points.

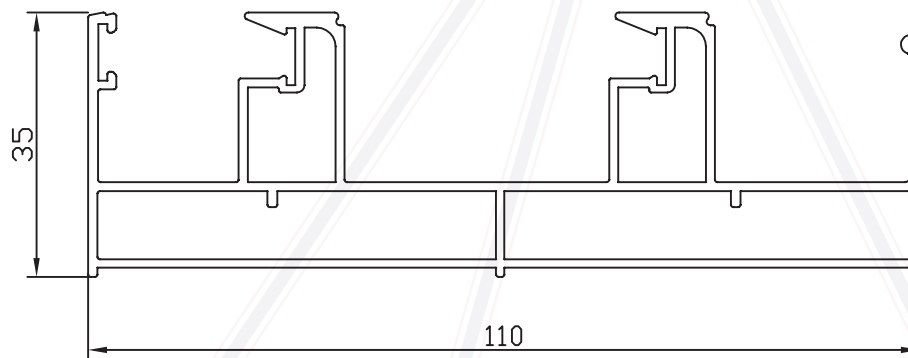
ZEUS anti-theft systems are famous for their advanced technological features, which combine their elegant style with the ultimate security against burglary in a quite harmonic manner. Their designing is based on an entirely new innovative international patented technology.

Furthermore, all **ZEUS** Systems come with a powder coating quality Qualicoat Certification, as well as with an ISO Certificate, which guarantees the quality of the production process.

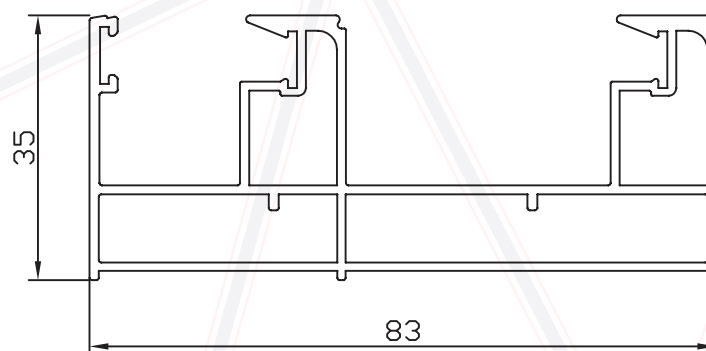




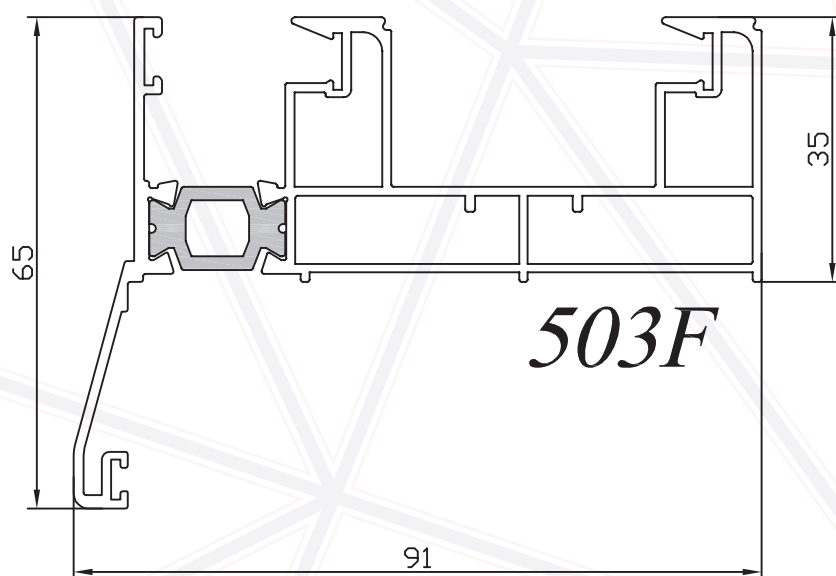
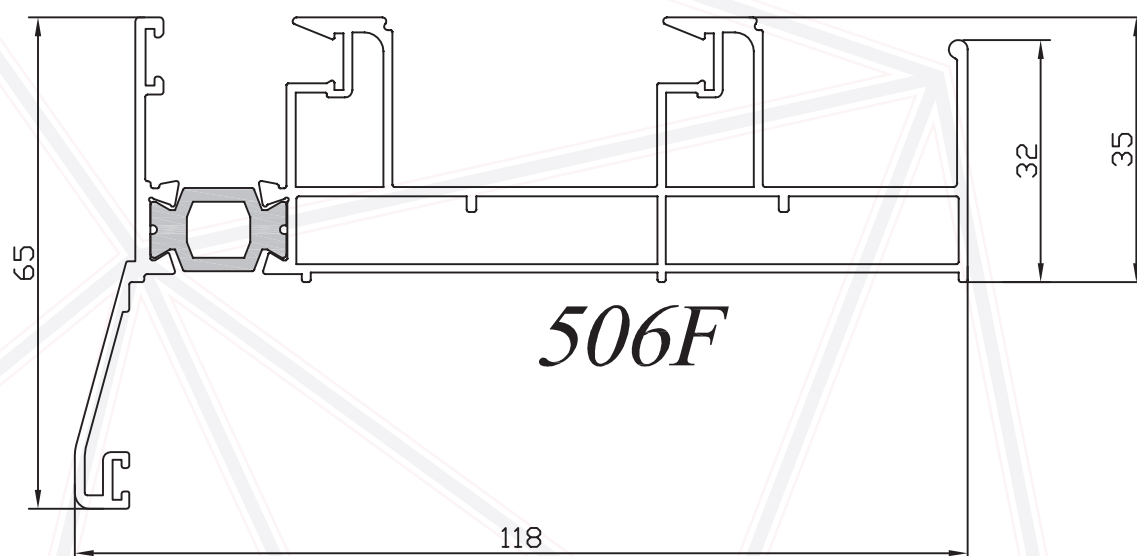
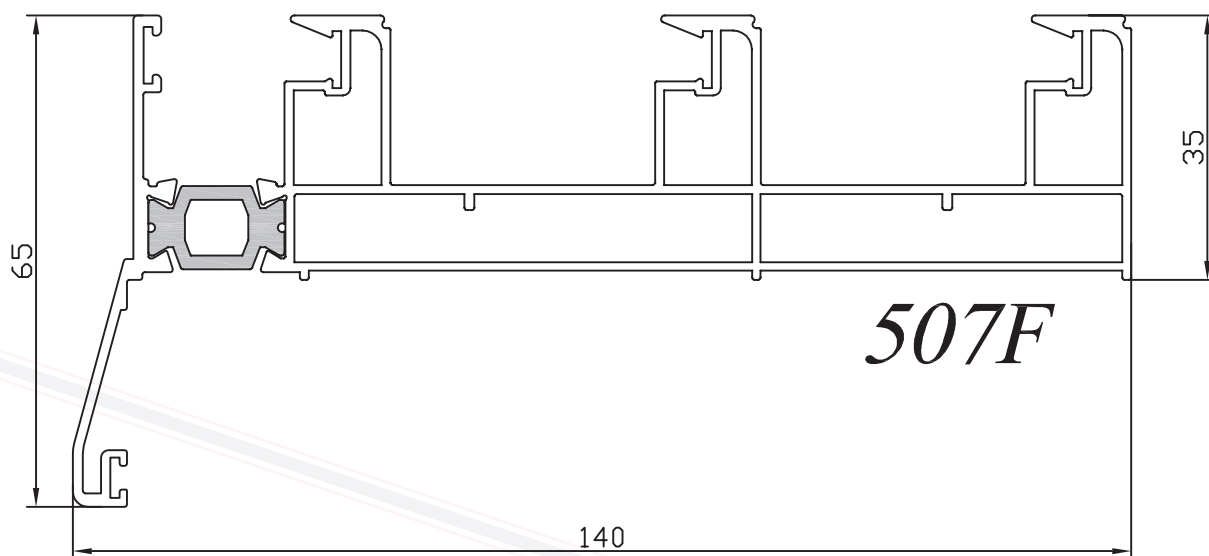
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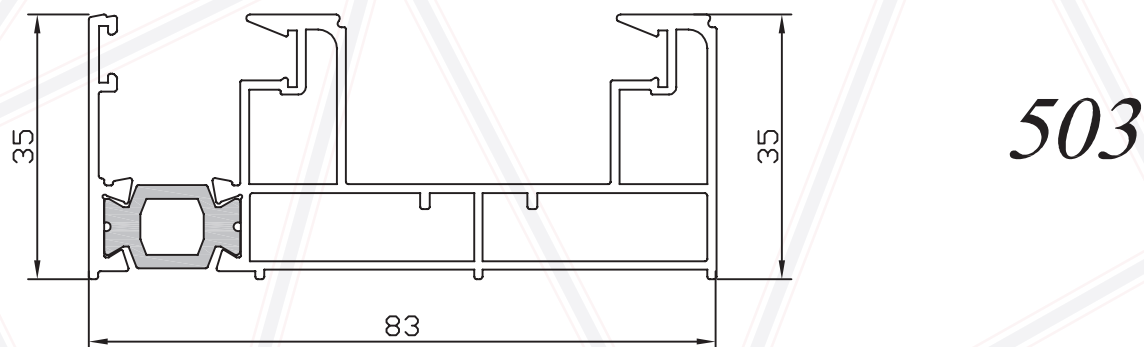
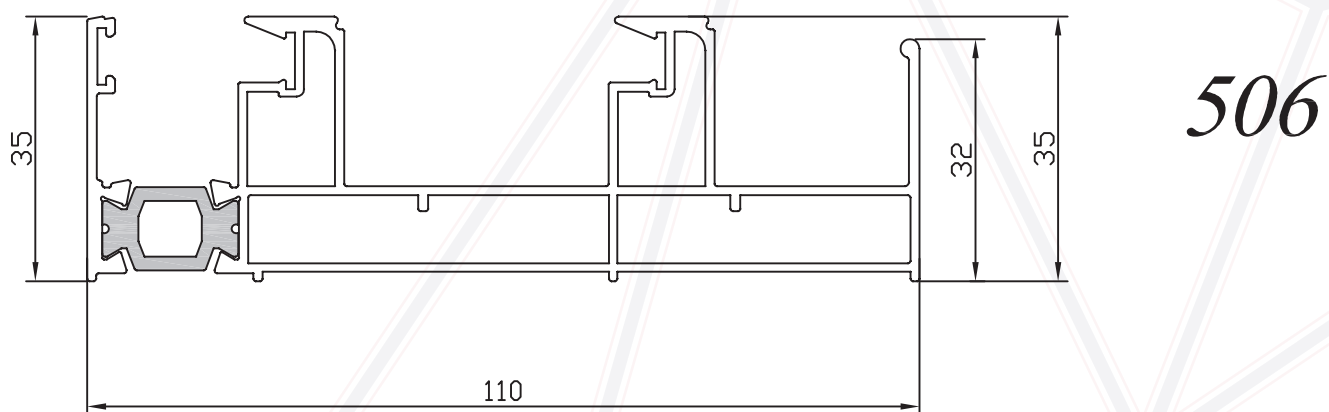
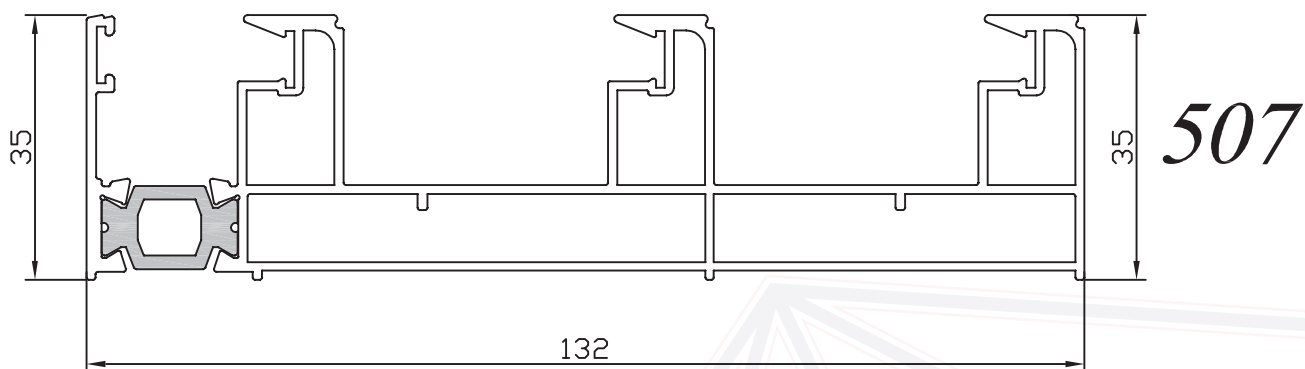


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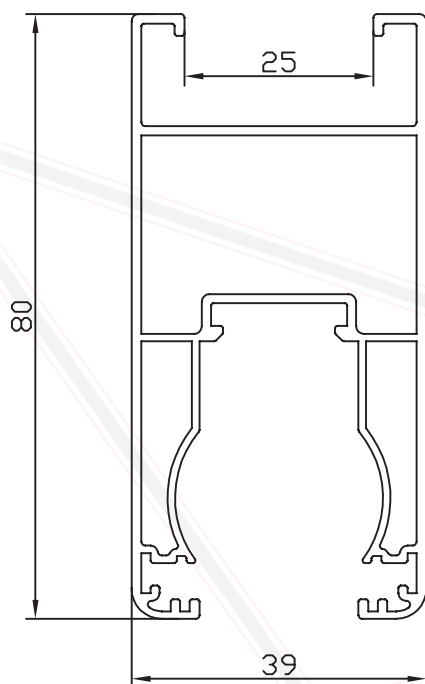


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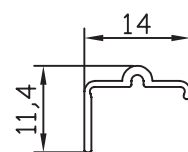
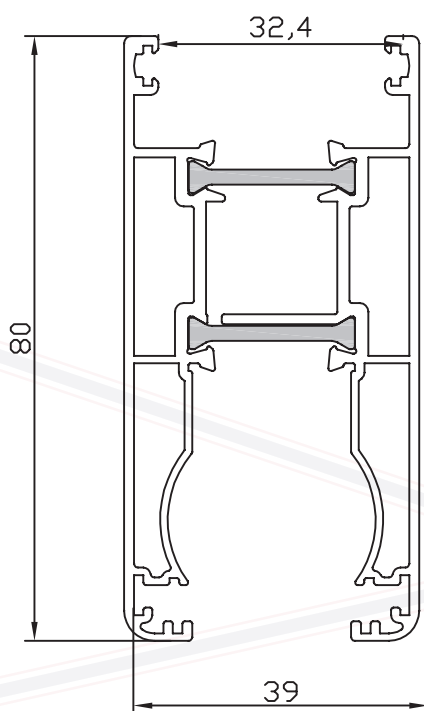




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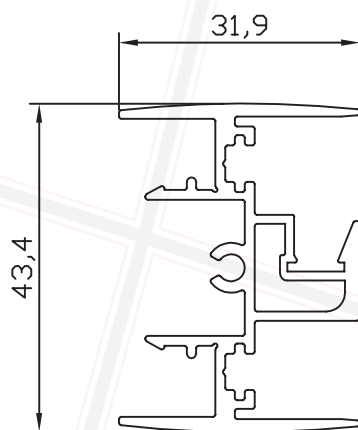
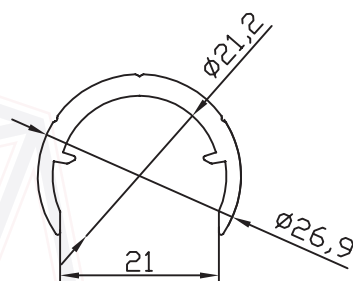


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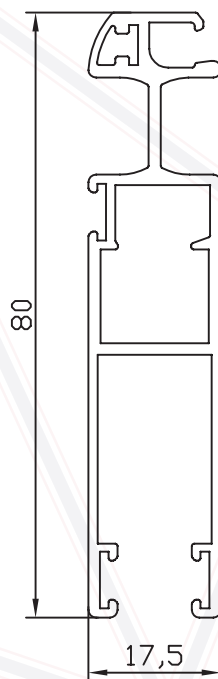


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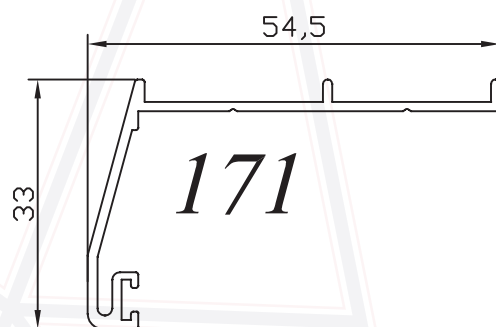
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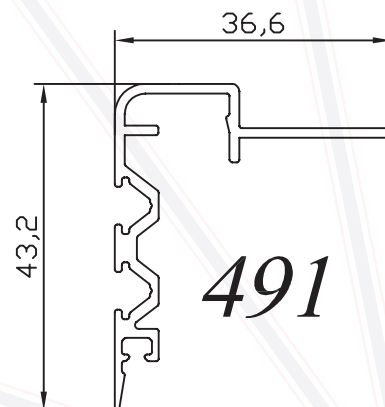
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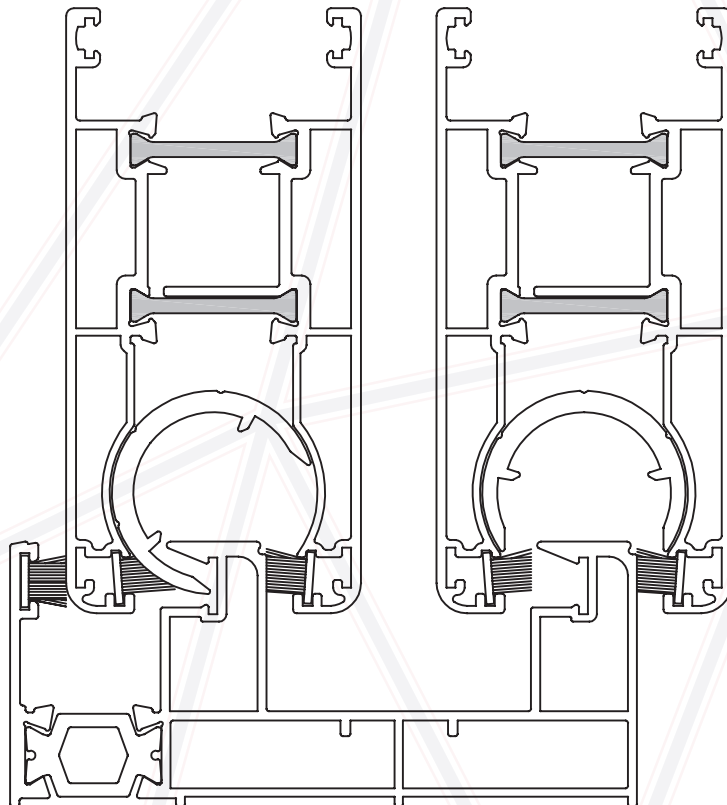
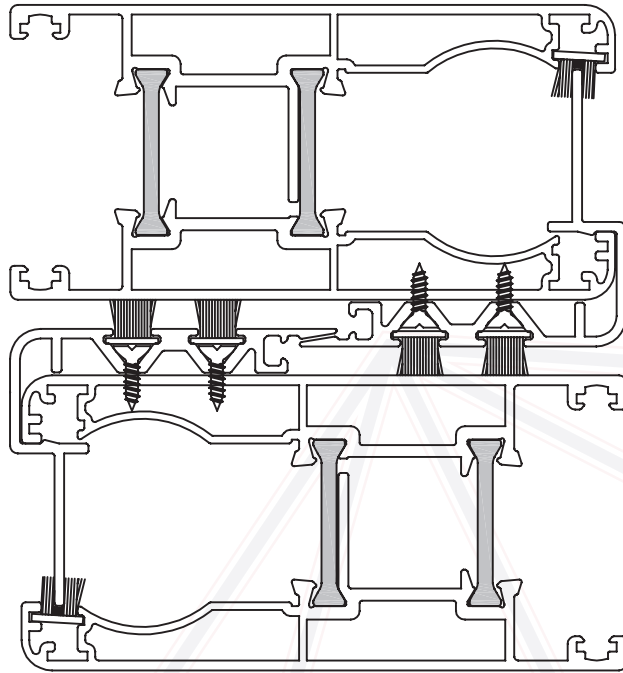


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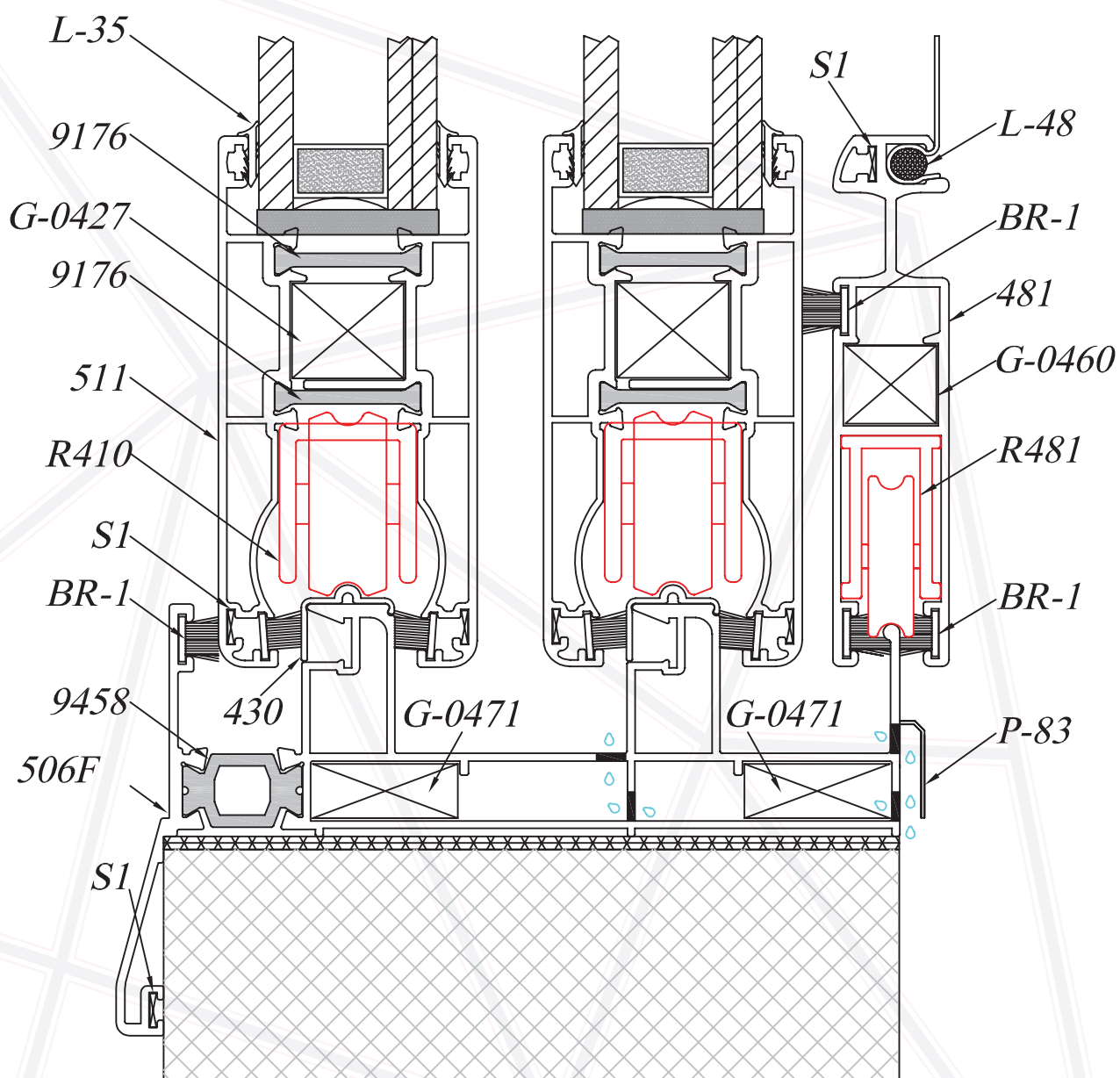
HOOK PROFILE



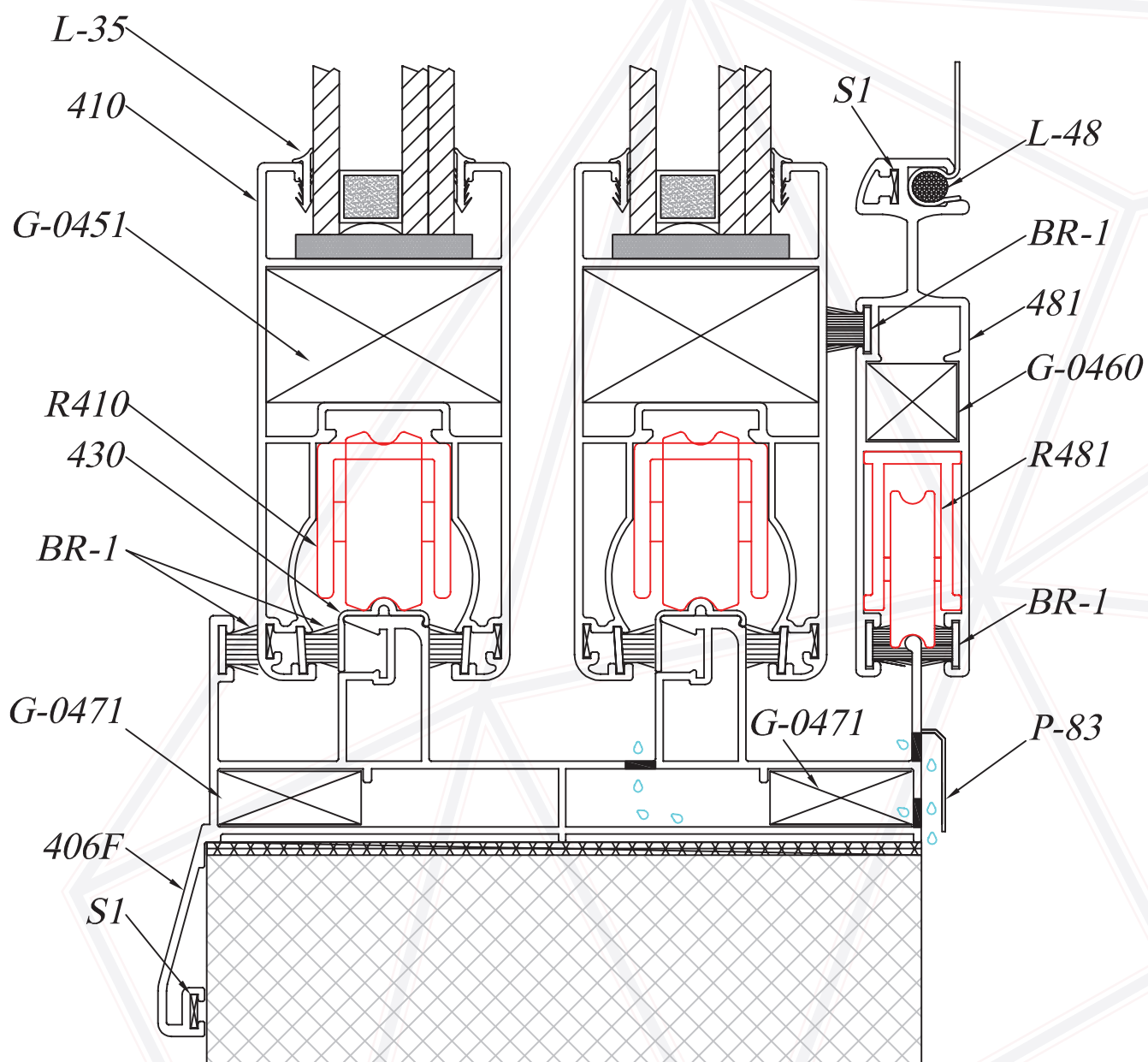
LOCKED

UNLOCKED

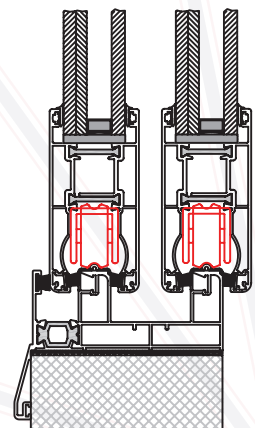
**THERMALBREAK DOUBLE SLIDER WINDOW
FRAME WITH FLY SCREEN OUTSIDE**



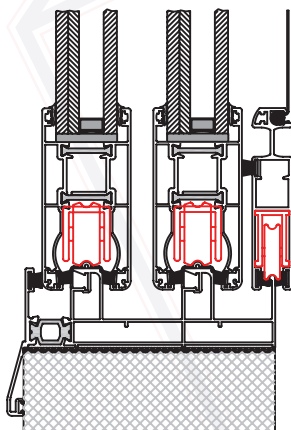
COLD DOUBLE SLIDER WINDOW FRAME
WITH FLY SCREEN OUTSIDE



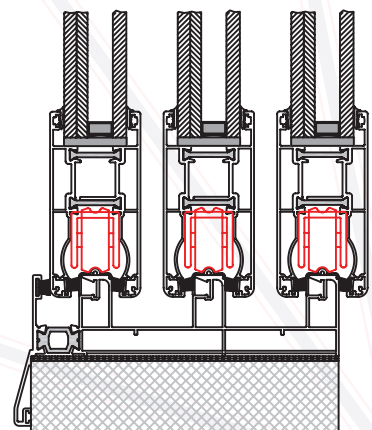
THERMALBREAK DOUBLE SLIDER WINDOW FRAME



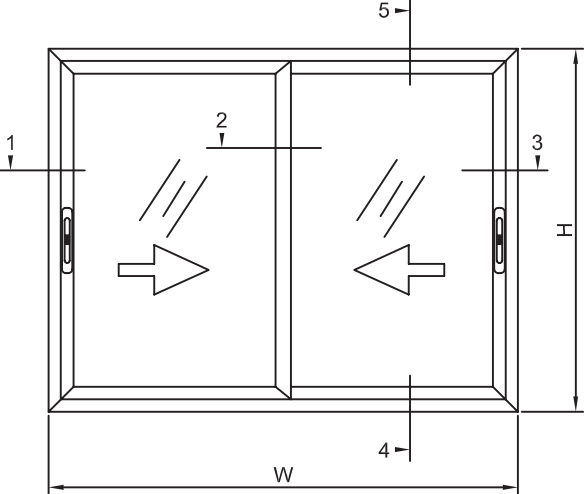
THERMALBREAK DOUBLE SLIDER WINDOW FRAME
WITH FLY SCREEN OUTSIDE



THERMALBREAK TRIPLE SLIDER WINDOW FRAME

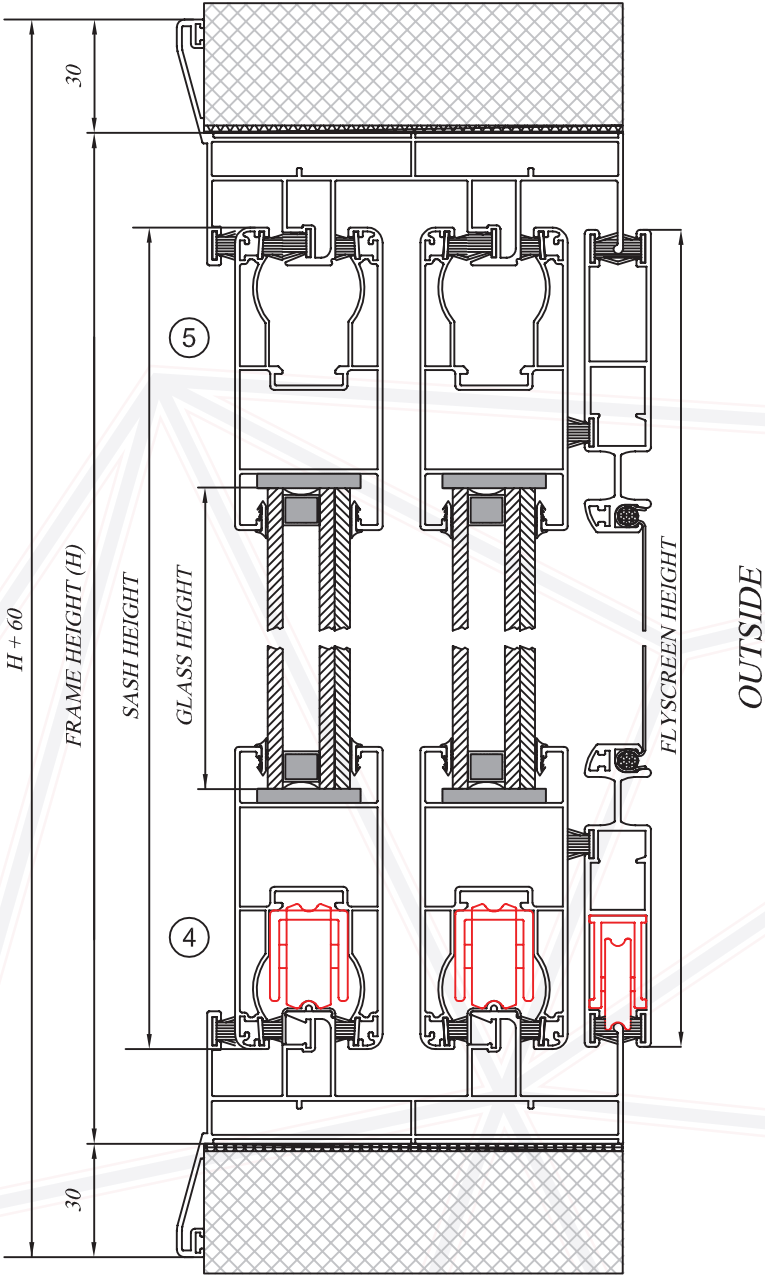


ZEUS SLIDING WINDOW DOUBLE SLIDER WINDOW FRAME FLY SCREEN OUTSIDE

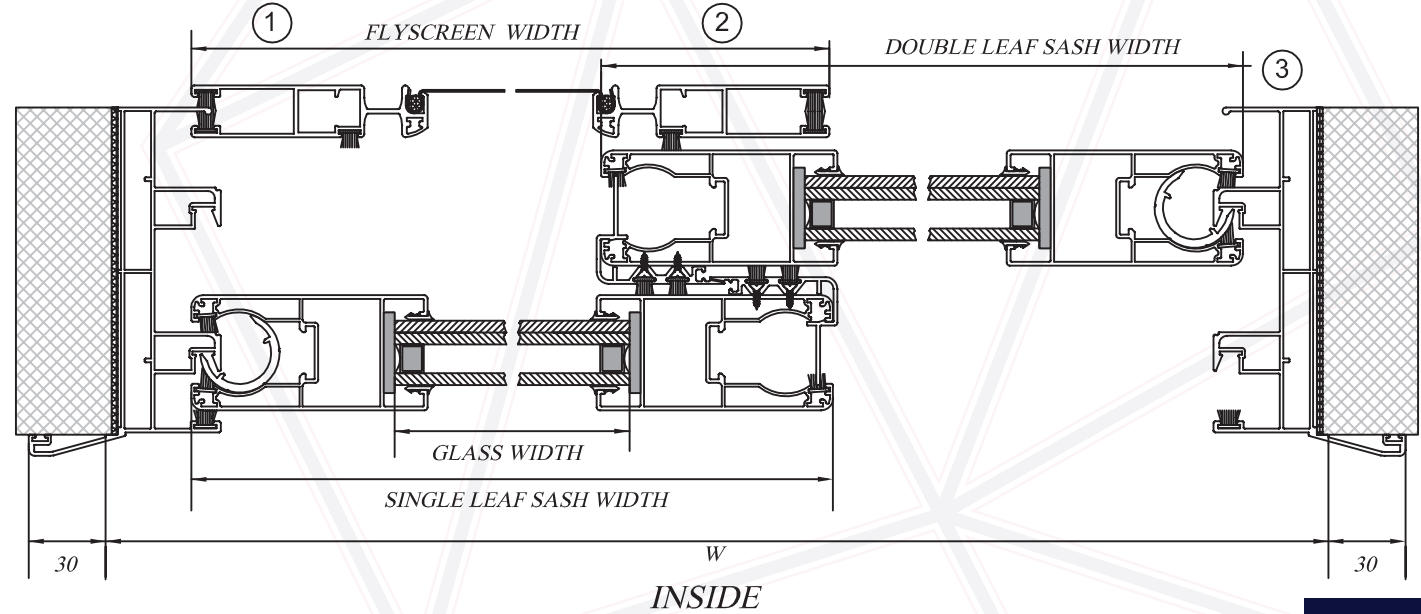


ELEVATION
DOUBLE SLIDER FRAME

INSIDE



OUTSIDE



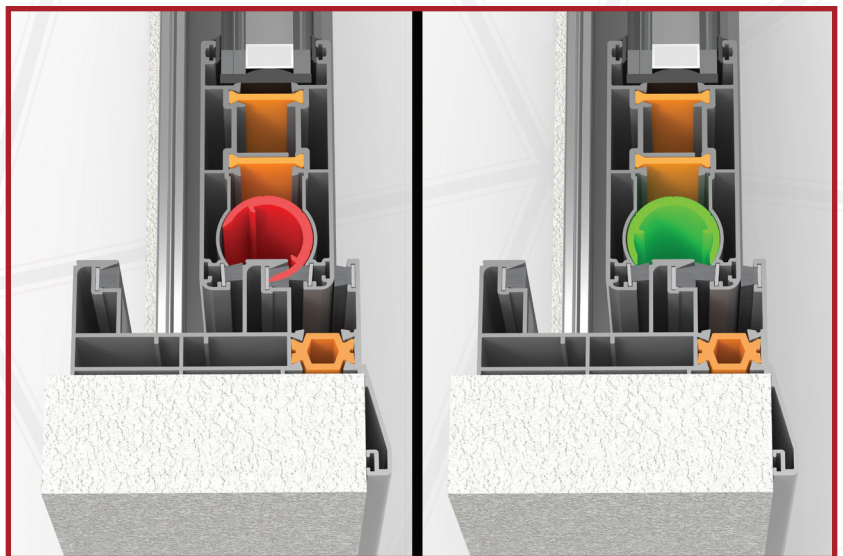
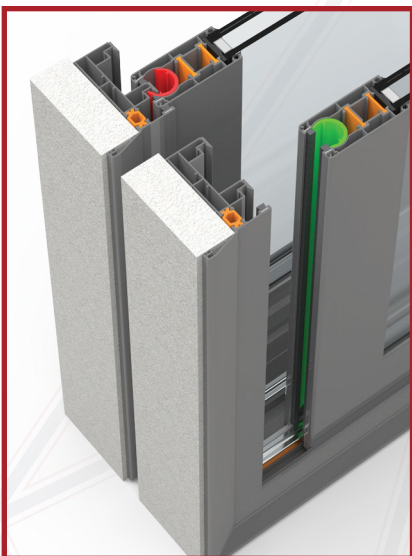
INSIDE



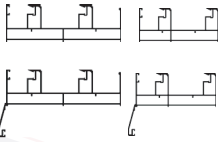
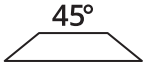
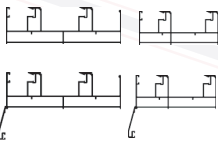
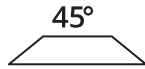
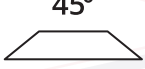
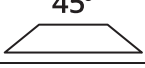
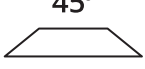
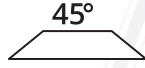
Sliding Advantages

- Sliding system is both cold and thermal break.
- It is designed for all common typologies for small, medium and large openings The height of the rail is only 35mm
- The assembly of the profiles is achieved with light equipment with Monticelli mechanical corner joints that combine easy handling, and quick processing
- Rail and sash use the same alignment corner for easy connection and improved aesthetic result corner joints
- Same rail is used all around the window or door.
- The glazing use allows for thick safety glass in order to secure the burglar proof properties of the system and suit its purpose.

Thanks to the new specially designed security bar, the sliding system is exempted from any accessories on the stable frame. When locking, the security bar comes out of the sliding frame and entraps the stable frame throughout the height and not only in several points. Hence maximum security and brilliant aesthetic result!

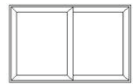


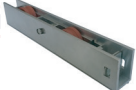
SLIDING CUTTING LIST COLD DOUBLE-SASH SUCESSIVE SLIDING FRAME

PROFILES CUTTING LIST FOR COLD DOUBLE-SASH SUCESSIVE SLIDING FRAME 					
ITEM No.	DES CRIPTION & SEC TION SHAPE	PROFILE No.	PROFILE CUTTING ANGLE	No. OF PIECES	Remarks
1	 FRAME WIDTH	406, 403	 45°	02	W (FOR PROFILES WITHOUT WING)
		406F, 403F			W+60 (FOR PROFILES WITH WING)
2	 FRAME HEIGHT	406, 403	 45°	02	H (FOR PROFILES WITHOUT WING)
		406F, 403F			H60+ (FOR PROFILES WITH WING)
3	 CAP FOR FRAMES	430	 45°	02	INSTALL CAP ON THE BOTTOM FRAME WIDTH AND CUT IT TOGETHER WITH THE FRAME
4	 SAS H WIDTH	410	 45°	04	$(W + 27,5)/2$
5	 SAS H HEIGHT	410	 45°	04	H - 52
6	 HOOK PROFILE	491		02	H - 76
7	 FLYS CREE N WIDTH	481	 45°	02	$(W + 27,5)/2$
8	 FLYS CREE N HEIGHT	481	 45°	02	H - 52

GASKET - E.P.D.M.				
ITEM No.	ACCESSORY CODE No.	DES CRIPTION & GASKET SHAPE		REMARKS
1	BR-1	 BRUSH		11W + 22H
2	L-35	 INNER GASKE T FOR GLASS		4W + 8H
3	L-48	 FLYSCREE N INSE RTING RUBBER		1W + 2H

**ACCESSORIES FOR COLD
DOUBLE-SASH SLIDING WINDOW**

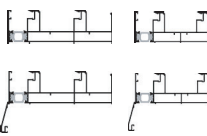
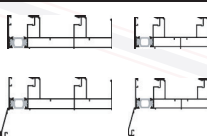
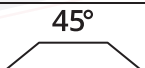
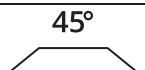


ITEM No.	ACCESSORY CODE No.	DESCRIPTION & GASKET SHAPE	FINISH	REMARKS
1	G-0471	 MECHANICAL CORNER JOINT FOR ALL FRAMES MONTICELLI 0471	M.F	08
2	G-0451	 MECHANICAL CORNER JOINT FOR COLD SASH 410 MONTICELLI 0451	M.F	08
3	G-0460	 MECHANICAL CORNER JOINT FOR FLY SCREEN 481 MONTICELLI 0460	M.F	04 IF EQUIPED WITH FLY SCREEN
4	S-1	 ALIGNMENT CORNER 30MM X 5MM X 1MM FOR ALL FRAMES AND SASHES	M.F	16 (20 IF EQUIPED WITH FLY SCREEN) OR 20 (24 IF EQUIPED WITH FLY SCREEN) IF FRAME HAS WING
5	P-100	 SASH HANDLE	P.C	02
6	P-83	 SINK CAPS	P.C	02
7	Z-101	 SASH STABILIZER	BLACK	04
8	SC-101	 SCREWS FOR SASH STABILIZER	ST.STEEL	08
9	SC-12	 SCREWS FOR FIXING FRAMES	ST.STEEL	10
10	R-410	 ROLLER FOR SASHES	M.F	04
11	R-481	 ROLLER FOR FLY SCREEN	M.F	02

GLASS HEIGHT = H - 190 mm

GLASS WIDTH FOR DOUBLE SLIDER WINDOW = $(W + 27.5)/2 - 138\text{mm}$

SLIDING CUTTING LIST THERMAL BREAK DOUBLE-SASH SUCCESSIVE SLIDING FRAME

PROFILES CUTTING LIST FOR THERMALBRAKE DOUBLE-SASH SUCCESSIVE SLIDING FRAME					
ITEM No.	DESCRIPTION & SECTION SHAPE	PROFILE No.	PROFILE CUTTING ANGLE	No. OF PIECES	Remarks
1	 FRAME WIDTH	503F, 506F	 45°	02	W (FOR PROFILES WITHOUT WING)
		503, 506			W+60 (FOR PROFILES WITH WING)
2	 FRAME HEIGHT	503F, 506F	 45°	02	H (FOR PROFILES WITHOUT WING)
		503, 506			H60+ (FOR PROFILES WITH WING)
3	 CAP FOR FRAMES	430	 45°	02	INSTALL CAP ON THE BOTTOM FRAME WIDTH AND CUT IT TOGETHER WITH THE FRAME
4	 SASH WIDTH	511	 45°	04	$(W + 27,5)/2$
5	 SASH HEIGHT	511	 45°	04	H - 52
6	 HOOK PROFILE	491		02	H - 76
7	 FLYSCREEN WIDTH	481	 45°	02	$(W + 27,5)/2$
8	 FLYSCREEN HEIGHT	481	 45°	02	H - 52

GASKET – E.P.D.M.				
ITEM No.	ACCESSORY CODE No.	DESCRIPTION & GASKET SHAPE	REMARKS	
1	BR-1	 BRUSH	11W + 22H	
2	L-35	 INNER GASKET FOR GLASS	4W + 8H	
3	L-48	 FLY SCREEN INSERTING RUBBER	1W + 2H	

ACCESSORIES FOR THERMALBREAK DOUBLE SASH SLIDING WINDOW

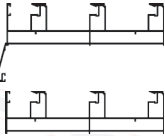
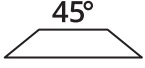
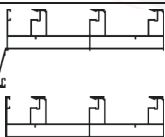
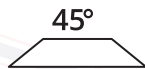
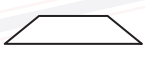


ITEM No.	ACCESSORY CODE No.	DESCRIPTION & GASKET SHAPE	FINISH	REMARKS
1	G-0471	 MECHANICAL CORNER JOINT FOR ALL FRAMES MONTICELLI 0471	M.F	08
2	G-0427	 MECHANICAL CORNER JOINT FOR THERMALBREAK SASH 511 MONTICELLI 0427.8	M.F	08
3	G-0460	 MECHANICAL CORNER JOINT FOR FLY SCREEN 481 MONTICELLI 0460	M.F	4 IF EQUIPED WITH FLY SCREEN
4	S-1	 ALIGNMENT CORNER 30MM X 5MM X 1MM FOR ALL FRAMES AND SASHES	M.F	16 (20 IF EQUIPED WITH FLY SCREEN) OR 20 (24 IF EQUIPED WITH FLY SCREEN) IF FRAME HAS WING
5	P-100	 SASH HANDLE	P.C	02
6	P-83	 SINK CAPS	P.C	02
7	Z-101	 SASH STABILIZER	BLACK	04
8	SC-101	 SCREWS FOR SASH STABILIZER	ST.STEEL	08
9	SC-12	 SCREWS FOR FIXING FRAMES	ST.STEEL	10
10	R-410	 ROLLER FOR SASHES	M.F	04
11	R-481	 ROLLER FOR FLY SCREEN	M.F	02

GLASS HEIGHT = H - 190 mm

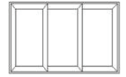
GLASS WIDTH FOR DOUBLE SLIDER WINDOW = $(W - 27 \pm 0.5) / 2 - 138 \text{mm}$

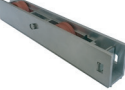
SLIDING CUTTING LIST COLD TRIPLE-SASH SUCESSIVE SLIDING FRAME

PROFILES CUTTING LIST FOR COLD TRIPLE-SASH SUCESSIVE SLIDING FRAME					
ITEM No.	DES CRIPTION & SEC TION SHAPE	PROFILE No.	PROFILE CUTTING ANGLE	No. OF PIECES	Remarks
1	 FRAME WIDTH	407	 45°	02	W (FOR PROFILES WITHOUT WING)
		407F			W+60 (FOR PROFILES WITH WING)
2	 FRAME HEIGHT	407	 45°	02	H (FOR PROFILES WITHOUT WING)
		407F			H60+ (FOR PROFILES WITH WING)
3	 CAP FOR FRAMES	430	 45°	03	INSTALL CAP ON THE BOTTOM FRAME WIDTH AND CUT IT TOGETHER WITH THE FRAME
4	 SAS H WIDTH	410	 45°	06	$(W + 110)/3$
5	 SAS H HEIGHT	410	 45°	06	H - 52
6	 HOOK PROFILE	491		04	H - 76

GASKET – E.P.D.M.			
ITEM No.	ACCESSORY CODE No.	DES CRIPTION & GASKET SHAPE	REMARKS
1	BR-1	 BRUSH	8W + 16H
2	L-35	 INNER GASKE T FOR GLASS	4W + 8H

ACCESSORIES FOR COLD TRIPLE-SASH SLIDING WINDOW



ITEM No.	ACCESSORY CODE No.	DESCRIPTION & GASKET SHAPE	FINISH	REMARKS
1	G-0471	 MECHANICAL CORNER JOINT FOR ALL FRAMES MONTICELLI 0471	M.F	08
2	G-0451	 MECHANICAL CORNER JOINT FOR COLD SASH 410 MONTICELLI 0451	M.F	12
3	S-1	 ALIGNMENT CORNER 30MM X 5MM X 1MM FOR ALL FRAMES AND SASHES	M.F	24 OR 28 IF FRAME HAS WING
4	P-100	 SASH HANDLE	P.C	03
5	P-83	 SINK CAPS	P.C	02
6	Z-101	 SASH STABILIZER	BLACK	06
7	SC-101	 SCREWS FOR SASH STABILIZER	ST.STEEL	12
8	SC-12	 SCREWS FOR FIXING FRAMES	ST.STEEL	10
9	R-410	 ROLLER FOR SASHES	M.F	06

GLASS HEIGHT = H - 190 mm

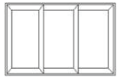
GLASS WIDTH FOR DOUBLE SLIDER WINDOW = $(W + 110) / 3 - 138\text{mm}$

SLIDING CUTTING LIST THERMALBREAK TRIPLE-SASH SUCESSIVE SLIDING FRAME

ACCESSORIES FOR COLD TRIPLE-SASH SLIDING WINDOW 				
ITEM No.	ACCESSORY CODE No.	DESCRIPTION & GASKET SHAPE	FINISH	REMARKS
1	G-0471	 MECHANICAL CORNER JOINT FOR ALL FRAMES MONTICELLI 0471	M.F	08
2	G-0451	 MECHANICAL CORNER JOINT FOR COLD SASH 410 MONTICELLI 0451	M.F	12
3	S-1	 ALIGNMENT CORNER 30MM X 5MM X 1MM FOR ALL FRAMES AND SASHES	M.F	24 OR 28 IF FRAME HAS WING
4	P-100	 SASH HANDLE	P.C	03
5	P-83	 SINK CAPS	P.C	02
6	Z-101	 SASH STABILIZER	BLACK	06
7	SC-101	 SCREWS FOR SASH STABILIZER	ST.STEEL	12
8	SC-12	 SCREWS FOR FIXING FRAMES	ST.STEEL	10
9	R-410	 ROLLER FOR SASHES	M.F	06

GLASS HEIGHT = H - 190 mm

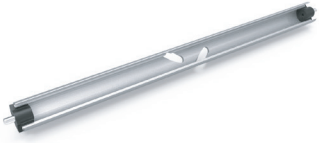
GLASS WIDTH FOR DOUBLE SLIDER WINDOW = $(W + 110)/3 - 138\text{mm}$

ACCESSORIES FOR THERMALBREAK TRIPLE-SASH SLIDING WINDOW					
ITEM No.	ACCESSORY CODE No.	DESCRIPTION & GASKET SHAPE	FINISH	REMARKS	
1	G-0471	 MECHANICAL CORNER JOINT FOR ALL FRAMES MONTICELLI 0471	M.F	08	
2	G-0427	 MECHANICAL CORNER JOINT FOR THERMALBREAK SASH 511 MONTICELLI 0427	M.F	12	
3	S-1	 ALIGNMENT CORNER 30MM X 5MM X 1MM FOR ALL FRAMES AND SASHES	M.F	24 OR 28 IF FRAME HAS WING	
4	P-100	 SASH HANDLE	P.C	03	
5	P-83	 SINK CAPS	P.C	02	
6	Z-101	 SASH STABILIZER	BLACK	06	
7	SC-101	 SCREWS FOR SASH STABILIZER	ST.STEEL	12	
8	SC-12	 SCREWS FOR FIXING FRAMES	ST.STEEL	10	
9	R-410	 ROLLER FOR SASHES	M.F	06	

GLASS HEIGHT = H - 190 mm

GLASS WIDTH FOR DOUBLE SLIDER WINDOW = $(W + 110)/3 - 138\text{mm}$

KIT ZEUS
FOR SLIDING SYSTEMS (ONE KIT NEEDED PER SASH)

ITEM No.	ACCESS ORY CODE No.	DESCRIPTION & GASKET SHAPE	FOR DOUBLE SASH	FOR TRIPLE SASH
1	Z-100	 SE CURITY BAR 60CM WITH SPE CIAL CUT	02	02
2	Z4	 PIVOT BASE WITH METALLIC BALL AND SHOCK ABSORBER	04	04
3	Z5	 SE CURITY BAR MOVER WITH ROLLER AND THREADED END	02	02
4	Z6	 SCREWS	08	08



Burglar Proof



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