



ZEUS CASEMENT

**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!

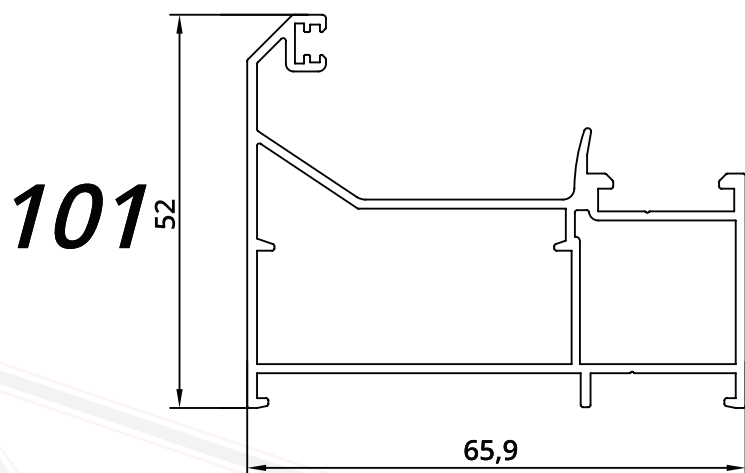


ZEUS anti-theft systems are unique in the aluminium market, as they are in fact the only real burglarproof aluminium systems.

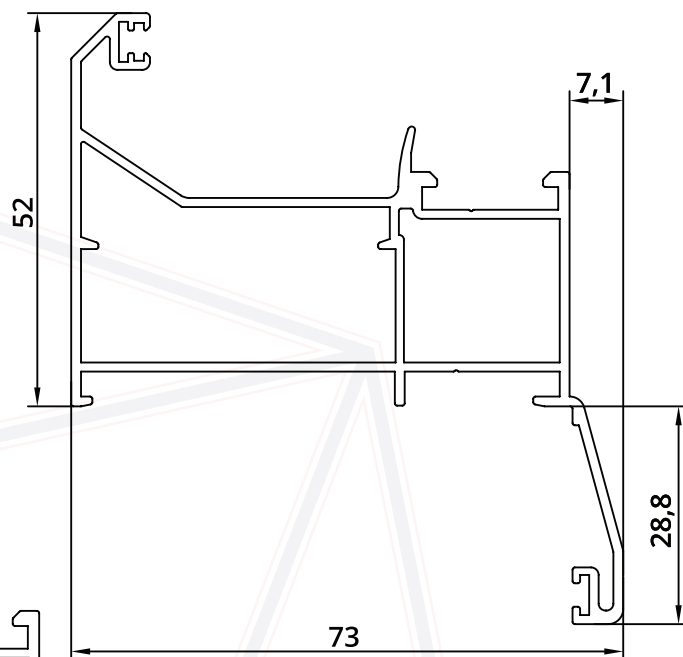
Unlike the common aluminium anti-burglary systems, **ZEUS** systems lock perimetrically along their whole height and width, not only in several points.

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.

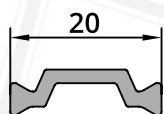
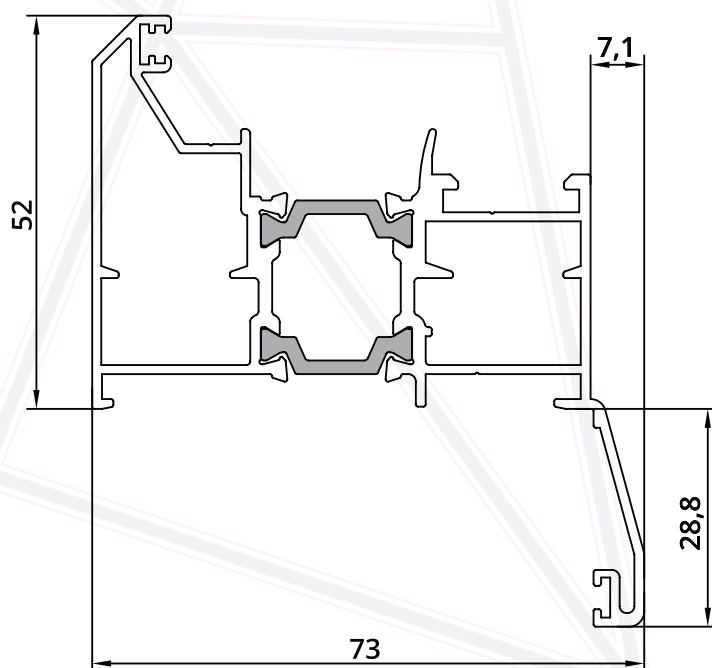
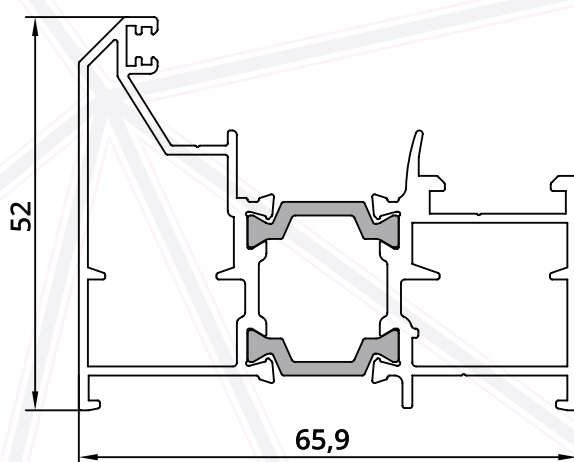
Furthermore, all **ZEUS** Systems come with a powder coating quality Qualicoat Certification, as well as with an ISO Certificate, which guarantees the quality of the production process.

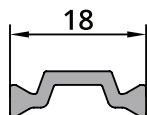
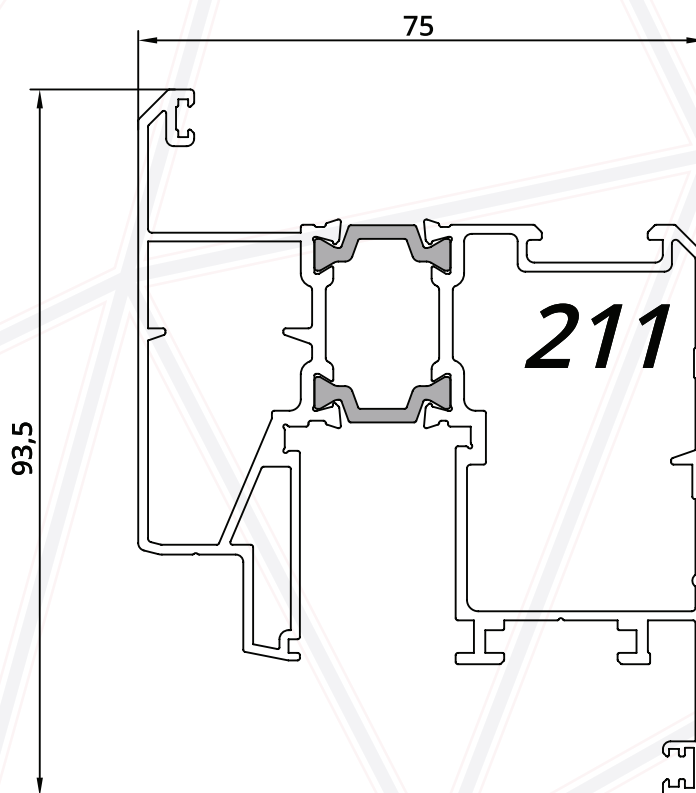
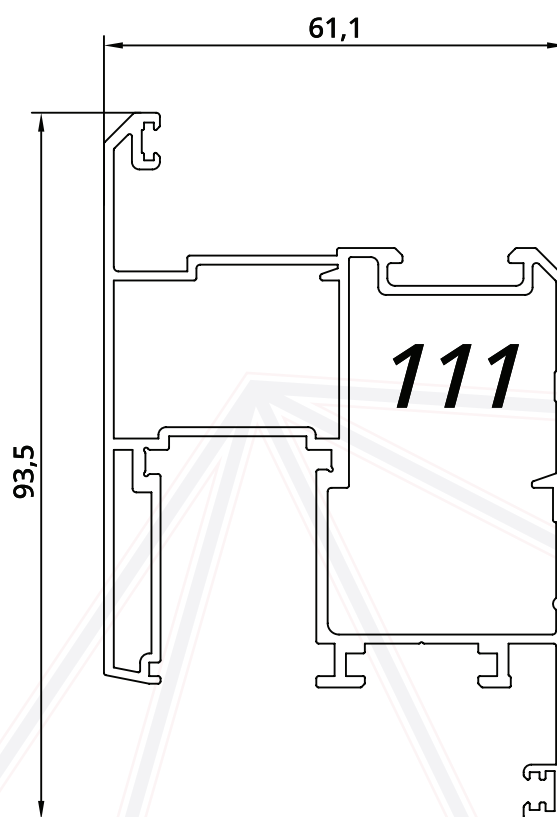


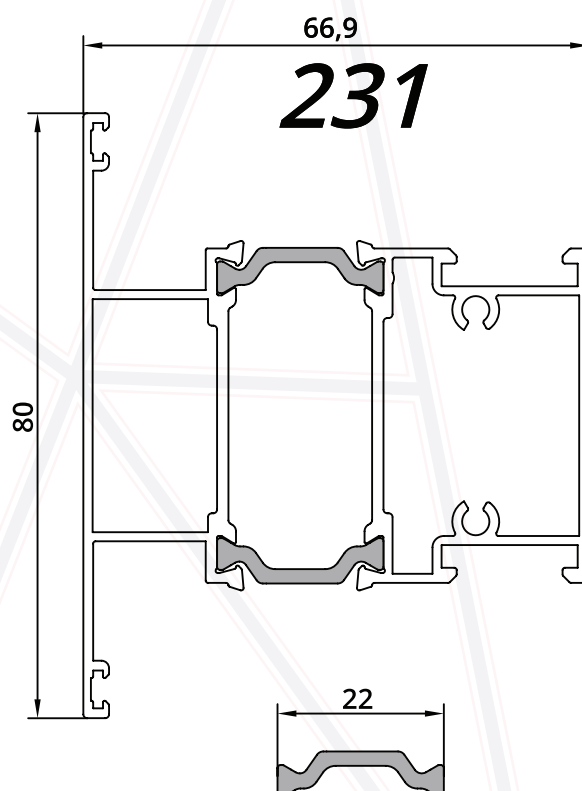
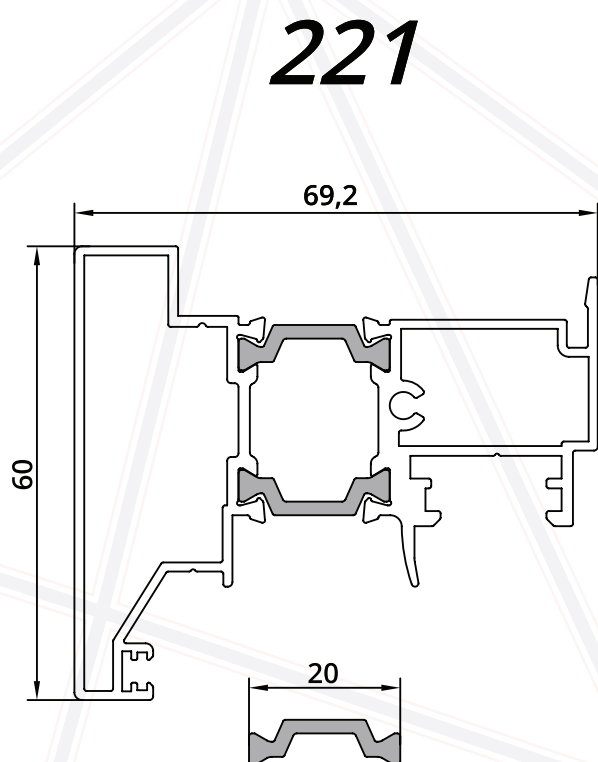
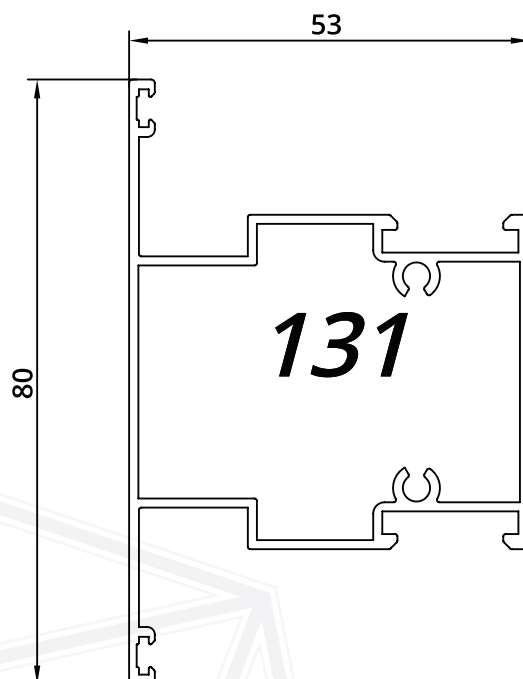
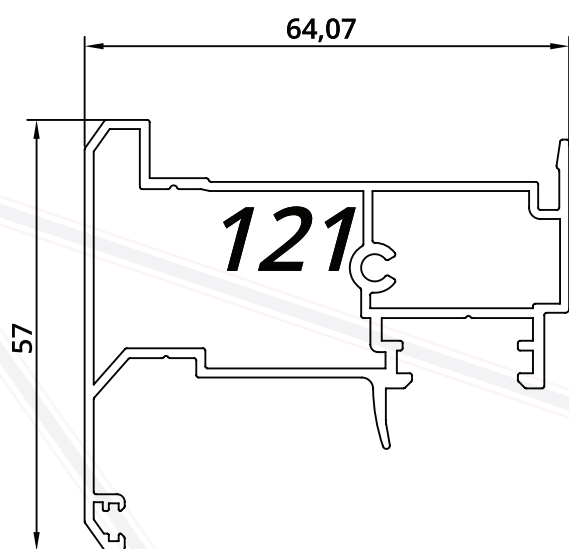
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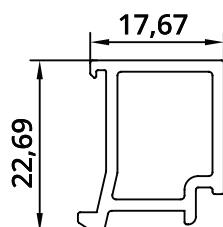
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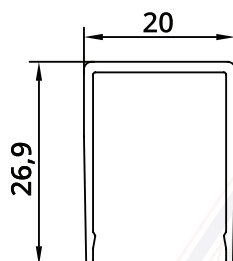




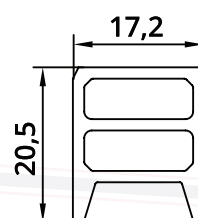
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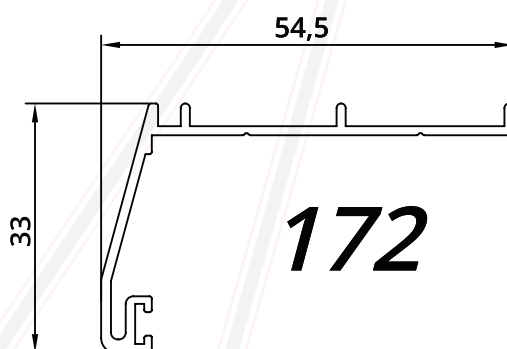
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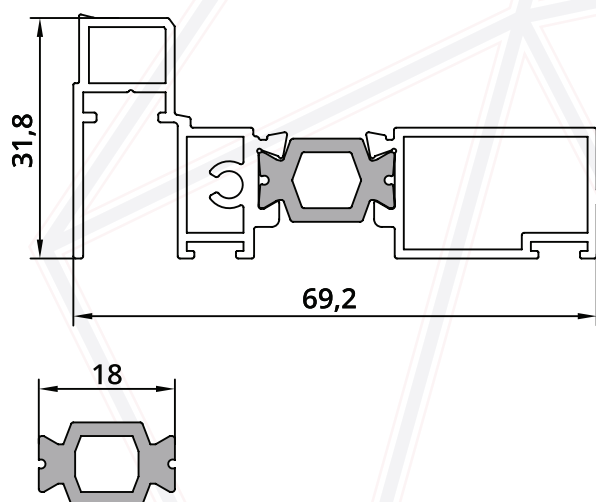
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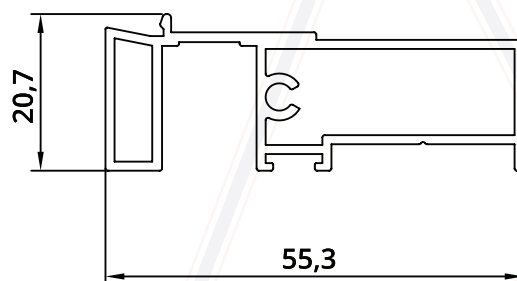
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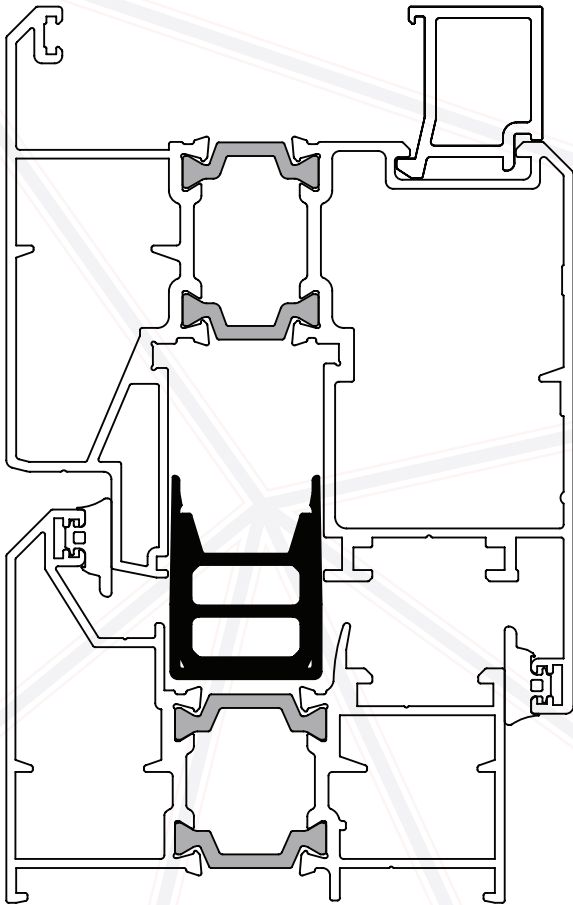


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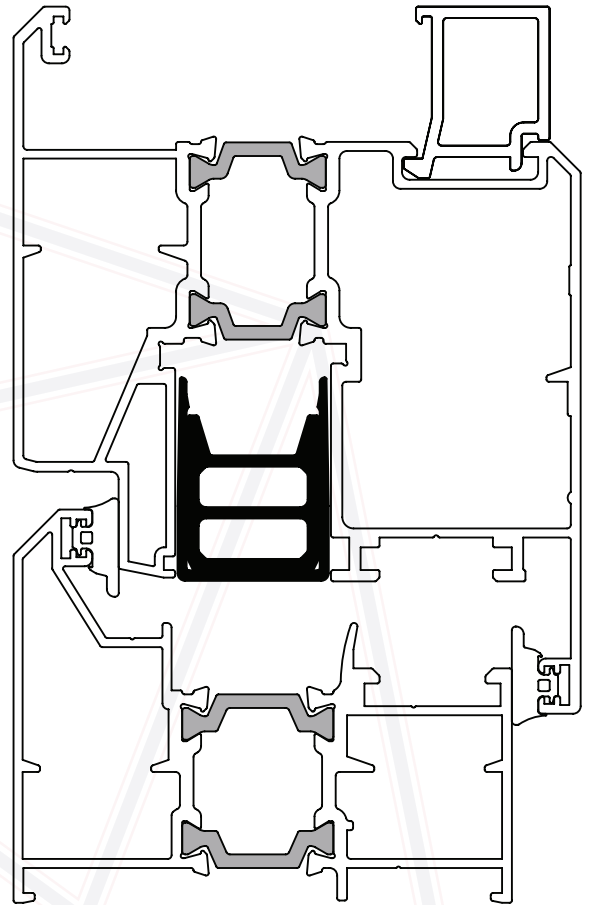


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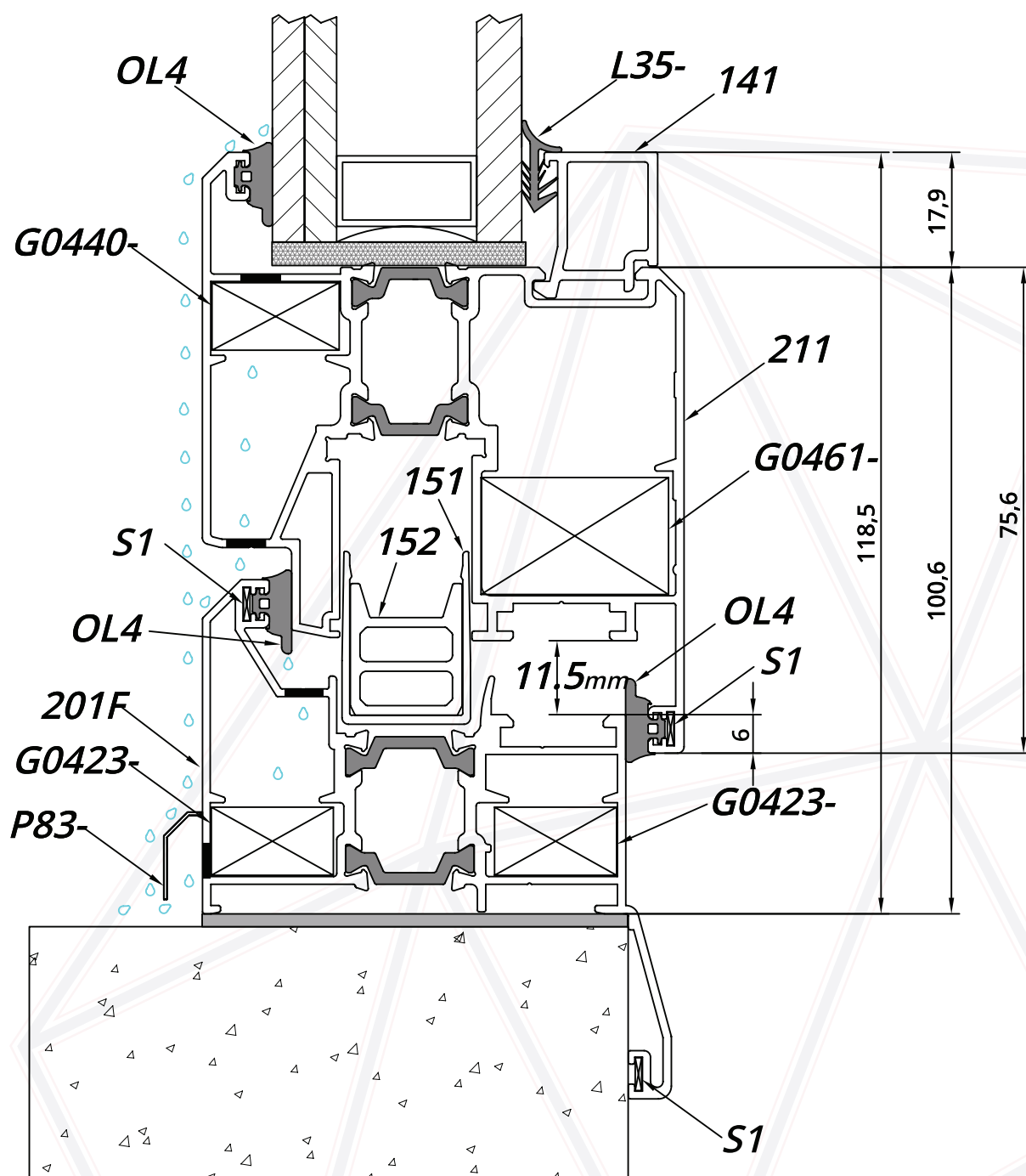


LOCKED

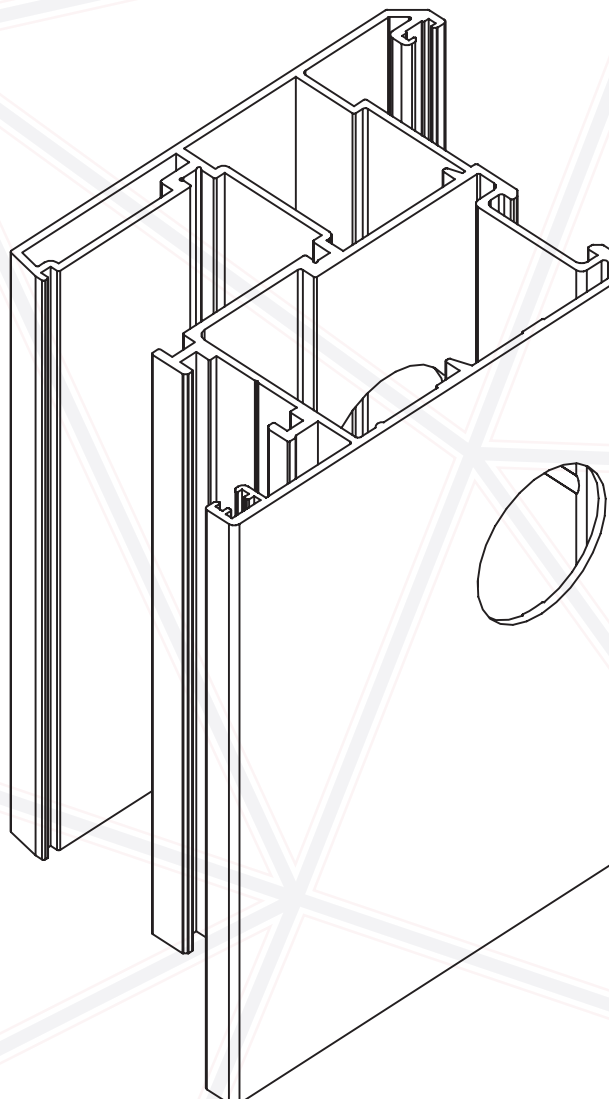
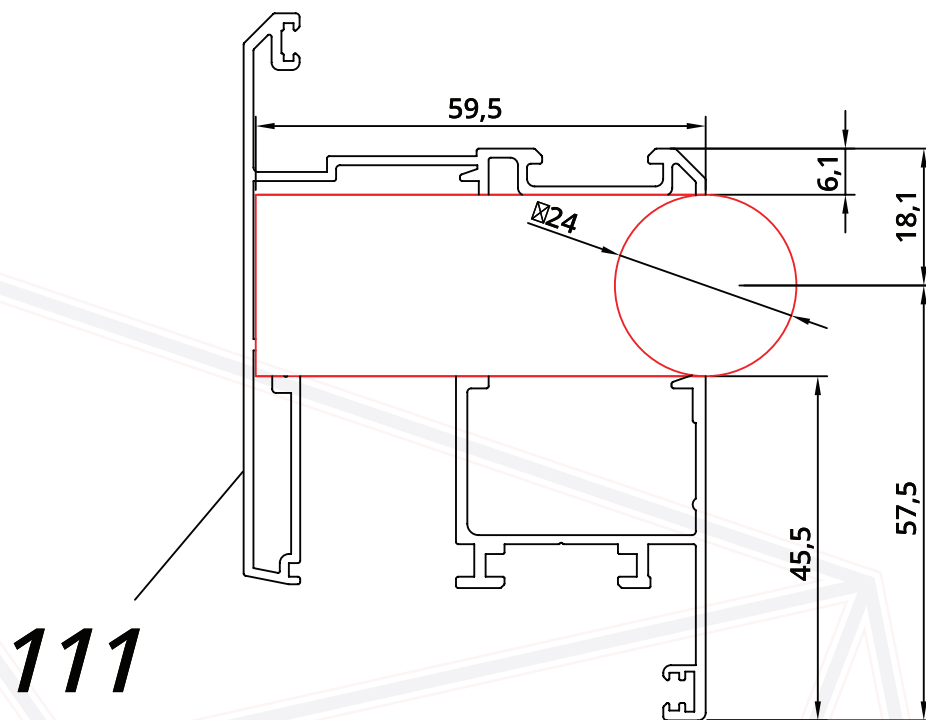


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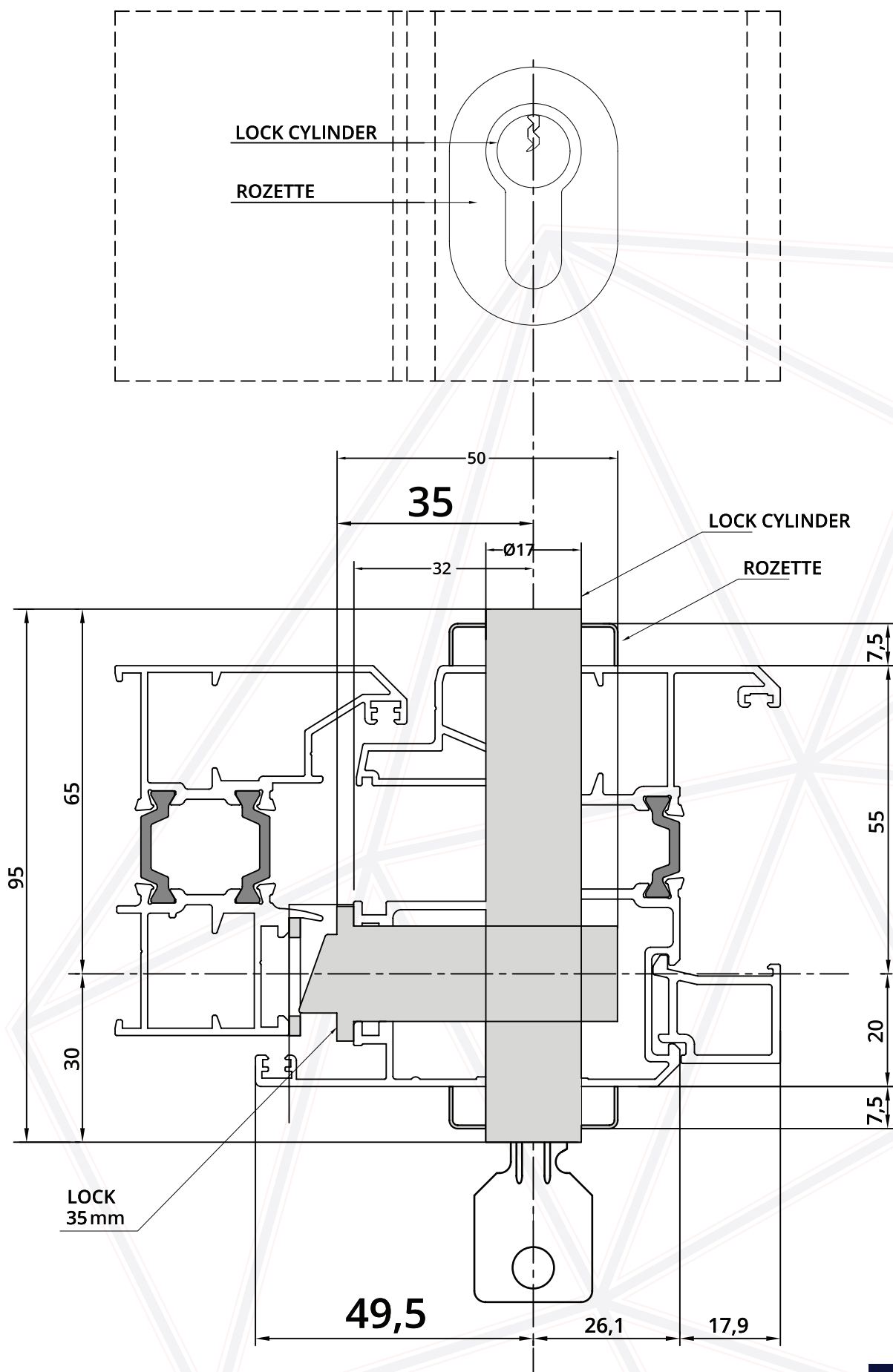
WATER OUTFLOW SYSTEM



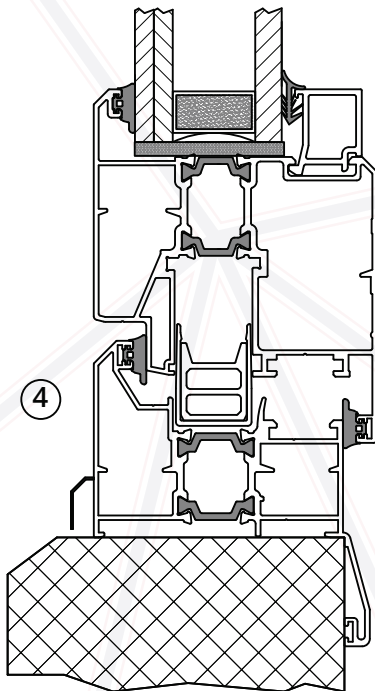
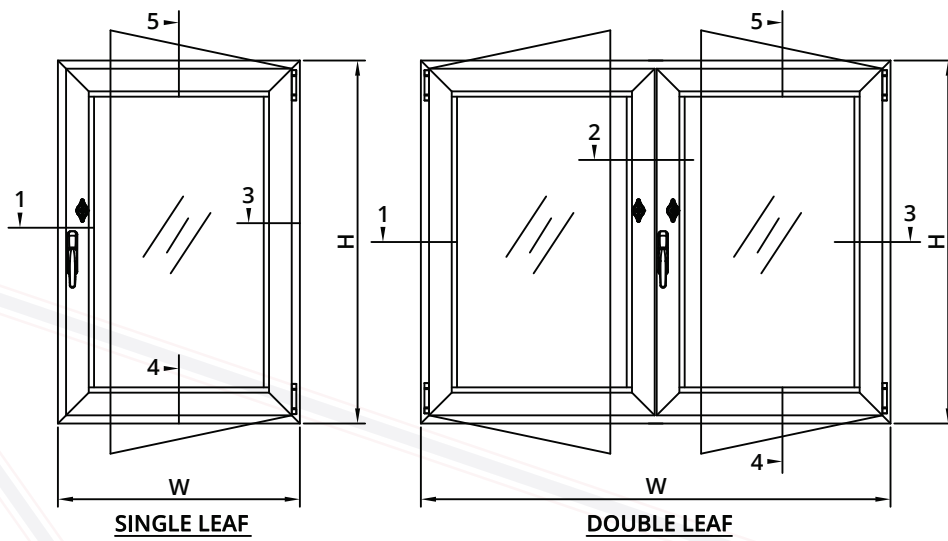
DRILLING CENTER FOR PART ZEUS Z1.4L



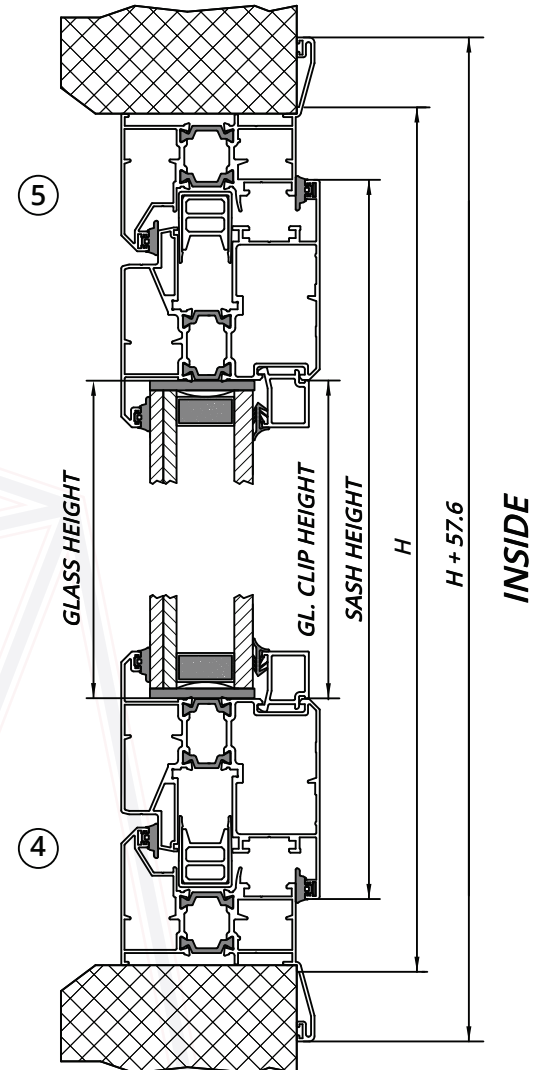
DRILLING CENTER FOR CYLINDER LOCK



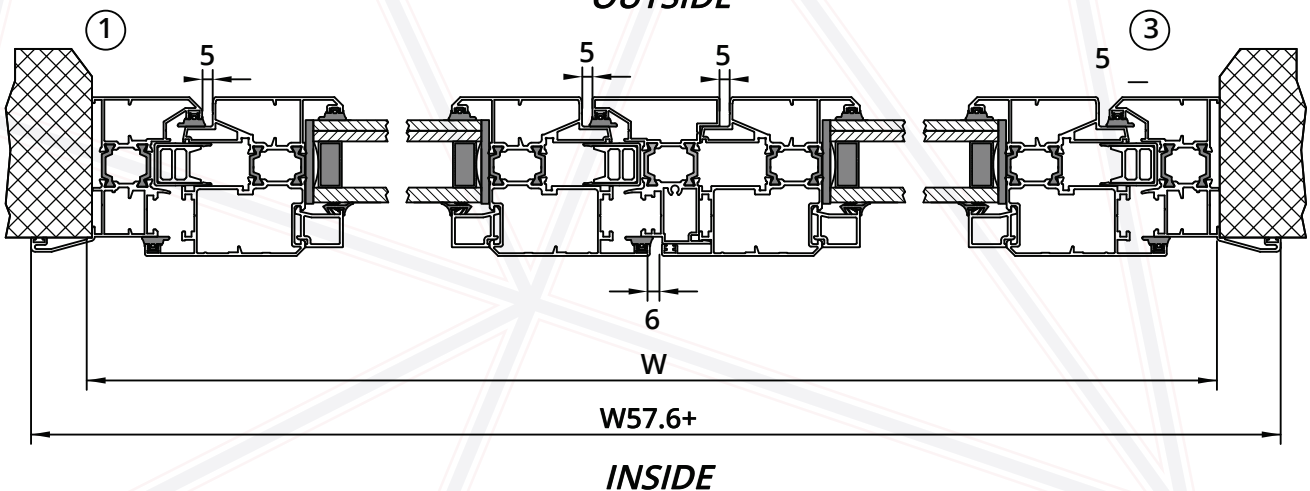
CASEMENT WINDOW OPEN IN CUTTING LIST SIDE HUNG WINDOW



OUTSIDE



②
OUTSIDE

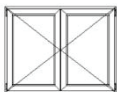
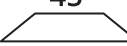
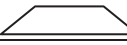
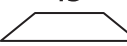
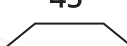




Casement Advantages

- Casement system that is both cold and thermal break can provide low cost construction but also extremely robust
- The system is compatible with “Euro Groove” channel for hardware (4mm gap for hinge arm).
- It is a 2 gaskets system
- The assembly of the profiles is achieved with light equipment with Monticelli mechanical corner joints that combine easy handling, and quick processing.
- that combine easy handling, and quick processing.
- Frame and sash use the same alignment corner for easy connection and improved aesthetic result corner joints.
- Allows tilt and turn mechanism
- All basic typologies can be made
- The glazing bead allows for thick safety glass in order to secure the burglar proof properties of the system and suit its purpose.

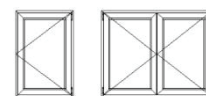
CASEMENT WINDOW OPEN IN CUTTING LIST SIDE HUNG WINDOW

PROFILES CUTTING LIST FOR COLD CASE MENT WINDOW OPEN IN							
ITEM No.	DES CRIPTION & SEC TION SHAPE	PROFILE No.	PROFILE CUTTING ANGLE	No. OF PIECES	Remarks		
1	  FRAME WIDTH	101 OR 101F	45° 	02	W (FOR PROFILE 101) W+57,6 (FOR PROFILE 101F)		
2	  FRAME HEIGHT	101 OR 101F	45° 	02	H (FOR PROFILE 101) H57+,6 (FOR PROFILE 101F)		
3	 SAS H WIDTH	112	45° 	02	W - 50 (SINGLE)		
				04	(W - 56) / 2 (DOUBLE)		
4	 SAS H HEIGHT	112	45° 	02	H - 50 (SINGLE)		
				04	(H - 56) / 2 (DOUBLE)		
5	 ADOPTER	121		01	H - 120 (DOUBLE)		
6	 GL. CLIP WIDTH	309		02	W - 201.2 (SINGLE)		
				04	(W - 358.4)/2 (DOUBLE)		
7	 GL. CLIP HEIGHT	309		02	H - 237 (SINGLE)		
				04	H - 237 (DOUBLE)		
8	 SE CURITY BAR WIDTH	151		02	W - 146.5 (SINGLE)		
				04	W - 146.5 (DOUBLE)		
9	 SE CURITY BAR HEIGHT	151		02	H - 146.5 (SINGLE)		
				03	H - 146.5(DOUBLE)		
10	 REINFORCE- MENT FOR S.B WIDTH	152		02	W - 287 (SINGLE)		
				04	W - 287 (DOUBLE)		
11	 REINFORCE- MENT FOR S.B HEIGHT	152		02	H - 287 *(SINGLE)		
				03	H - 287 *(DOUBLE)		
*THE PIECE OF REINFORCEMENT BAR HEIGHT OF THE SIDE WHERE THE CENTER HOLE IS DRILLED IS BEE N DIVIDED INTO TWO PIECES BY REMOVING 140MM LONG PIECE WHICH LOCATED AROUND THE CENTER OF THE HOLE							

GASKET - E.P.D.M.

ITEM No.	ACCESS ORY CODE No.	DES CRIPTION & GASK ET SHAPE	SINGLE LEAF	DOUBLE LEAF
1	OL4	 IMPACT GASKE T	6W + 6H	6W +10H
2	L-35	 INNER GASKE T FOR GLASS	2W + 2H	2W + 4H

ACCESSORIES FOR COLD CASEMENT WINDOWS



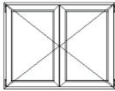
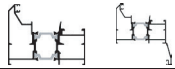
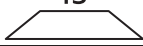
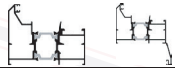
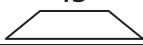
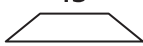
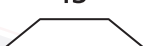
ITEM No.	ACCESSORY CODE No.	DESCRIPTION & GASKET SHAPE	FINISH	SINGLE LEAF	DOUBLE LEAF
1	G-0490	 MECHANICAL CORNER JOINT FOR FRAME 101 OR 101F MONTICELLI 0490	M.F	04	
2	G-0461	 MECHANICAL CORNER JOINT FOR SASH 112 MONTICELLI 0461F	M.F	08	16
3	S-1	 ALIGNMENT CORNER 30MM X 5MM X 1MM FOR FRAME 101,101F & SASH 112	M.F	08	12
4	HINDGE	 HINGES FOR OVERLAP	P.C	02	04
5	HANDLE	 HANDLE	P.C	01	01
6	P-83	 SINK CAPS	P.C	02	02
7	P-81	 CAP PAIR FOR ADAPTER	BLACK	-	01
8	SCR-25	 SCREWS FOR FIXING PROFILE No.121	ST.STEEL	-	03
9	SCR-50	 SCREWS FOR FIXING PROFILE No.101 , 101F	ST.STEEL	10	12
10	SCR-20	 SCREWS FOR FIXING CAPS OF ADAPTER	ST.STEEL	-	2

GLASS HEIGHT FOR SINGLE & DOUBLE = H - 211 mm

GLASS WIDTH FOR SINGLE = W - 211 mm

GLASS WIDTH FOR DOUBLE = (W - 378.4)/2

CASEMENT WINDOW OPEN IN CUTTING LIST SIDE HUNG WINDOW

PROFILES CUTTING LIST FOR THERMALBREAK CASEMENT WINDOW OPEN IN							
ITEM No.	DES CRIPTION & SEC TION SHAPE		PROFILE No.	PROFILE CUTTING ANGLE	No. OF PIECES	Remarks	
1		FRAME WIDTH	201 OR 201F	45° 	02	W (FOR PROFILE 201) W+57,6 (FOR PROFILE 201F)	
2		FRAME HEIGHT	201 OR 201F	45° 	02	H (FOR PROFILE 201) H57+,6 (FOR PROFILE 201F)	
3		SAS H WIDTH	112	45° 	02	W - 50 (SINGLE)	
					04	(W - 56) / 2 (DOUBLE)	
4		SAS H HEIGHT	112	45° 	02	H - 50 (SINGLE)	
					04	(H - 56) / 2 (DOUBLE)	
5		ADOPTER	121	 	01	H - 120 (DOUBLE)	
6		GL. CLIP WIDTH	309	 	02	W - 201.2 (SINGLE)	
					04	(W - 358.4)/2 (DOUBLE)	
7		GL. CLIP HEIGHT	309	 	02	H - 237 (SINGLE)	
					04	H - 237 (DOUBLE)	
10		SE CURITY BAR WIDTH	151	 	02	W - 146.5 (SINGLE)	
					04	W - 146.5 (DOUBLE)	
11		SE CURITY BAR HEIGHT	151	 	02	H - 146.5 (SINGLE)	
					04	H - 146.5 (DOUBLE)	
12		REINFORCE- MENT FOR S.B WIDTH	152	 	02	W - 287 (SINGLE)	
					04	W - 287 (DOUBLE)	
13		REINFORCE- MENT FOR S.B HEIGHT	152	 	02	H - 287 *(SINGLE)	
					03	H - 287 *(DOUBLE)	
*THE PIECE OF REINFORCEMENT BAR HEIGHT OF THE SIDE WHERE THE CENTER HOLE IS DRILLED IS BEE N DIVIDED INTO TWO PIECES BY REMOVING 140MM LONG PIECE WHICH LOCATED AROUND THE CENTER OF THE HOLE							

GASKET - E.P.D.M.

ITEM No.	ACCESSORY CODE No.	DES CRIPTION & GASKET SHAPE	SINGLE LEAF	DOUBLE LEAF
1	OL4	 IMPACT GASKE T	6W + 6H	6W +10H
2	L-35	 INNER GASKE T FOR GLASS	2W + 2H	2W + 4H

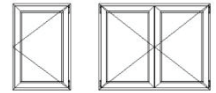
ACCESSORIES FOR THERMAL BREAK CASEMENT WINDOWS					
ITEM No.	ACCESSORY CODE No.	DESCRIPTION & GASKET SHAPE	FINISH	SINGLE LEAF	DOUBLE LEAF
1	G-0423	 MECHANICAL CORNER JOINT FOR FRAME 201 OR 201F MONTICELLI 0423.8	M.F	08	
2	G-0461	 MECHANICAL CORNER JOINT FOR SASH 211 MONTICELLI 0461.10	M.F	04	08
3	G-0440	 MECHANICAL CORNER JOINT FOR SASH 211 MONTICELLI 0440.8	M.F	04	08
4	S-1	 ALIGNMENT CORNER 30MM X 5MM X 1MM FOR FRAME 201, 201F & SASH 211	M.F	08	12
5	HINDGE	 HINGES FOR OVERLAP	P.C	02	04
6	HANDLE	 HANDLE	P.C	01	01
7	P-83	 SINK CAPS	P.C	02	02
8	P-82	 CAP PAIR FOR ADAPTER	BLACK	-	01
9	SCR-25	 SCREWS FOR FIXING PROFILE No.221	ST.STEEL	-	03
10	SCR-50	 SCREWS FOR FIXING PROFILE No.201 , 201F	ST.STEEL	10	12
11	SCR-20	 SCREWS FOR FIXING CAPS OF ADAPTER	ST.STEEL	-	2

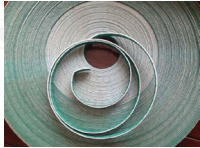
GLASS HEIGHT FOR SINGLE & DOUBLE = H - 211 mm

GLASS WIDTH FOR SINGLE = W - 211 mm

GLASS WIDTH FOR DOUBLE = (W - 378.4)/2

KIT ZEUS
FOR CASEMENT WINDOW



ITEM No.	ACCESSORY CODE No.	DESCRIPTION & GASKET SHAPE	SINGLE LEAF	DOUBLE LEAF
1	Z1	 ZEUS CONTROLLER PARTIALLY PRE-ASSEMBLED	01	02
2	Z2	 CORNER WITH SHAFT AND ROLLER	04	08
3	Z4	 DIVERSION PART	08	14
4	Z5	 MOTION WEDGE	08	14
5	Z6	 RACK	01	02
6	Z3	 RIVET	08	14
7	Z7	 SCREW	12	22
8	Z9	 MOTION TRANSMISSION BELT	2 W + 2 H	2 W + 4 H



Burglar Proof



Visit [Zeus-me.com](https://zeus-me.com) to find more about Zeus and its Next Generation Burglar Proof Technology or contact your local supplier.

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