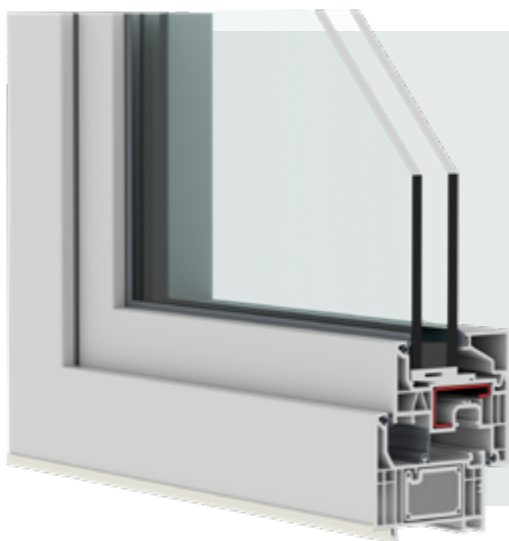


TECHNICAL DATA SHEET

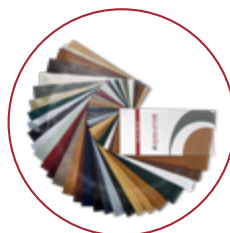
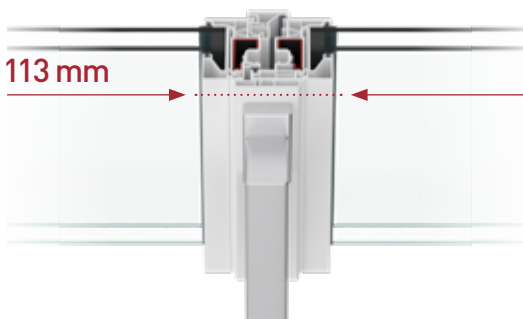
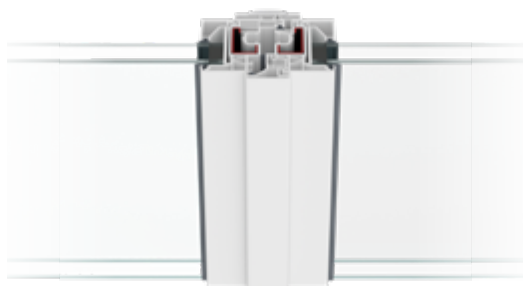
Windows > Windows and french windows in PVC



SERIES

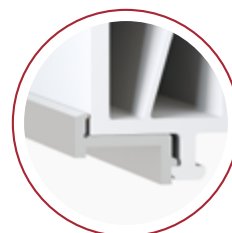
ELIOR

Elior is a system designed to offer 25% more light compared to a traditional PVC window frame. Thanks to its minimal profile and reduced sash, the central joint measures only 113 mm, allowing for a larger glass surface and increased natural light. The centrally positioned handle is a distinctive feature that gives the system a visually pleasing and harmonious appearance. Essential and symmetrical lines are combined with excellent performance to create the perfect balance between design and functionality.



Wide Range of colours:

This means you can always find the best solution for your home.



Aluminium drip bar:

Covers water drainage holes at the front with the purpose-made drainage caps.



Ventilation grille:

Hides the unsightly upper ventilation slots in the frame.



Fastening cap:

Covers the screws used for fastening.

THERMAL TRANSMITTANCE

| | |
|------------------|-------------------------|
| NODE (Uf) | 1,20 W/m ² K |
| GLASS (Ug) | 1,10 W/m ² K |
| COMBINATION (Uw) | 1,28 W/m ² K |


Uw up to 0,87 W/m² K (with appropriate glazing)

Uw: thermal values of the individual frame components (frame and glazing)

TECHNICAL SPECIFICATIONS

- 6 chambers with a construction depth of 76 mm
- Double rabbet seal + central seal
- Galvanised steel reinforcements with a thickness of notable dimensions are used exclusively for the sash.
- Excellent levels of stability, thanks to the Forthex thermal reinforcement in the frame
- Welded seal on slanted joints
- Certified Double glazing featuring high-level heat and sound insulation with Warm Edge duct
- Glass-casement bonding with special foam for improved structure and sound insulation
- Possibility to use double glazing up to 60 mm thick
- Roto NX, burglar-proof metal hardware with bottom hung casement as standard for the correct ventilation of the room
- Product 100% Made in Italy and 100% recyclable



| VERIFICATION | VERIFICATION RESULT | OBSERVATIONS |
|--|---|---|
| Summary of test report 0036/21 | Air permeability according to EN 12207 - UNI EN 120207: class 4 Resistance to driving rain compliant with EN 1227 - UNI EN 12208: class 9A Wind resistance according to EN 12211 - UNI EN 12210: class C4 | Verification based on different frame and sash combinations |
| Suitability verification for ventilation window | Air permeability according to UNI EN 12207: class 4 Resistance to driving rain compliant with DIN EN 12208: class 9A |  |
| Sound insulation verification | Sound protection classes 2, 3, 4 and 5 | Verification based on different frame - sash and glass combinations |
| Thermal insulation verification | Thermal transmittance coefficient (U-value) $U_f = 1,20 \text{ W/m}^2\text{K}$ | Verification carried out for combination 5103/7360 |

Thermal insulation for Window type:
1230 x 1480 mm - Frame/Sash node value:
 $U_f = 1,20 \text{ W/m}^2\text{K}$

- with double glazing and Warm Edge duct
 $U_g = 1,10 \text{ W/m}^2\text{K}$ - $\Psi = 0,037$

Thermal insulation in class A with $U_w = 1,28 \text{ W/m}^2\text{K}$

- with double glazing and Warm Edge duct
 $U_g = 0,90 \text{ W/m}^2\text{K}$ - $\Psi = 0,037$

Thermal insulation in class A with $U_w = 1,14 \text{ W/m}^2\text{K}$

- with double glazed unit and Warm Edge duct
 $U_g = 0,50 \text{ W/m}^2\text{K}$ - $\Psi = 0,037$

(Maximum thickness of the glass is 60 mm)

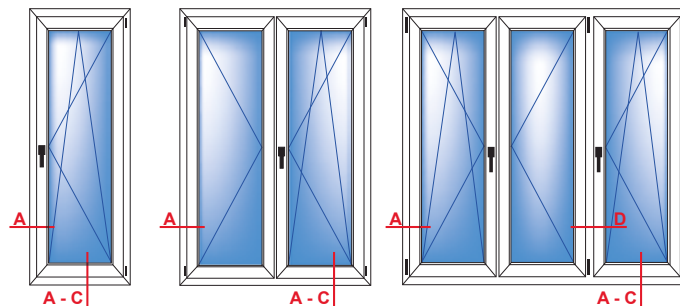
Thermal insulation in class A with $U_w = 0,87 \text{ W/m}^2\text{K}$

Hardware System Specification:

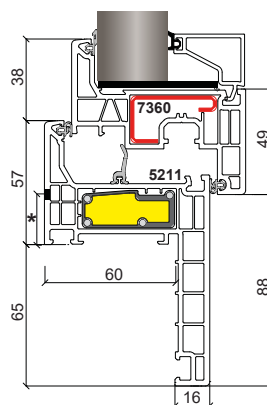
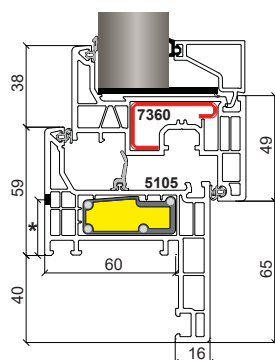
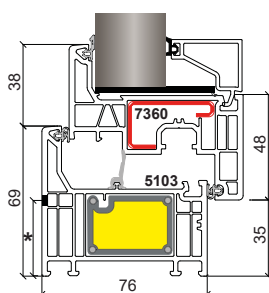
- Standard Roto NX hardware, load capacity 130 kg
- Burglar-proof class WK1, with false operation device and micro-ventilation
- Special ROTOSIL NANO surface treatment according to the Class 4 based on the requirement of DIN EN 13126/8
- Fastenings screwed onto reinforcement with the possibility of increasing the degree of break-in

On request

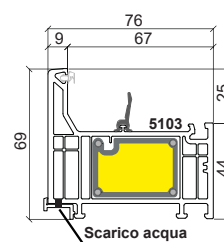
- Hardware with optional systems with resistance class WK2 - WK3 (WK3 not certifiable)



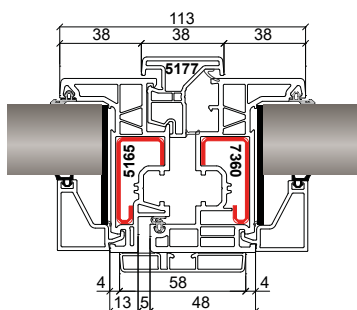
Section A - C
Frame - Sash



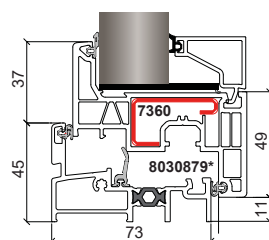
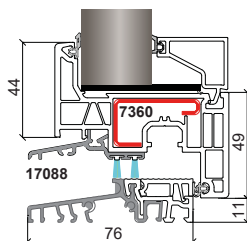
Particular
Frame with Sill



Section B
Central node 2 sashes



Section C
Threshold - Sash



Frame 5103 with threshold 8030879
Assembly detail

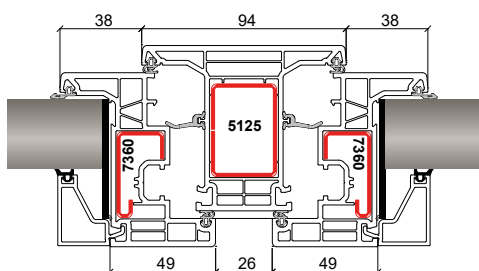


External view



Internal view

Section D
Sash node - Transom - Sash

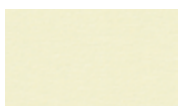


On the frame, at the height of the water drainage hole, approximately 35 mm (center of the hole), on Z-profile frames, the height of the water drainage hole is approximately 25 mm (center of the hole).

BATCH COLOURS



Bianco 3



Avorio 096

TYPE A COATING



Ciliegio 110



Noce 154



**Bianco classico
100**



Crema 96



**Cedro sbiancato
694**



Grigio Cedro 143



Grigio 004



Verde scuro 006



**Grigio Antracite
lucido 048**



**Grigio Quarzo
068**



**Grigio Antracite
072**



Blu Acciaio 079



Winchester 109



**Bronzo scuro
138**



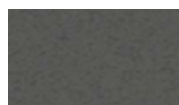
Macore 144



**Alluminio Grigio
184**



Douglas 402



**Moondance
liscio 628**



Grigio liscio 651



Alux DB703 653



**Noce Sorrento
Balsamico 663**



**Grigio Basalto
667**



**Grigio Antracite
Stylo 686**



**Nero Grafite
Stylo 690**



**Grigio Chiaro
907**



**Alluminio liscio
911**



**Alluminio Bianco
925**



**Marrone
cioccolato 008**

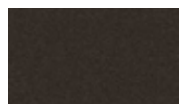
TYPE B COATING



**Rosso scuro
027**



**Nero Grafite
Matt 043**



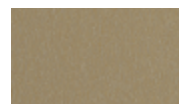
**Grigio Ombra
Matt 044**



**Woodec Turner
Oak Matt 047**



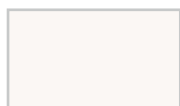
**Grigio Antracite
Matt 103**



**Bronzo
spazzolato 119**



**Verde Muschio
134**



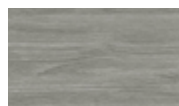
Bianco Matt 358



**Woodec Turner
Oak Toffee 342**



**Woodec Turner
Oak Walnut 346**



**Woodec Sheffield
Oak Concrete 036**



**Woodec Sheffield
Oak Alpine 042**