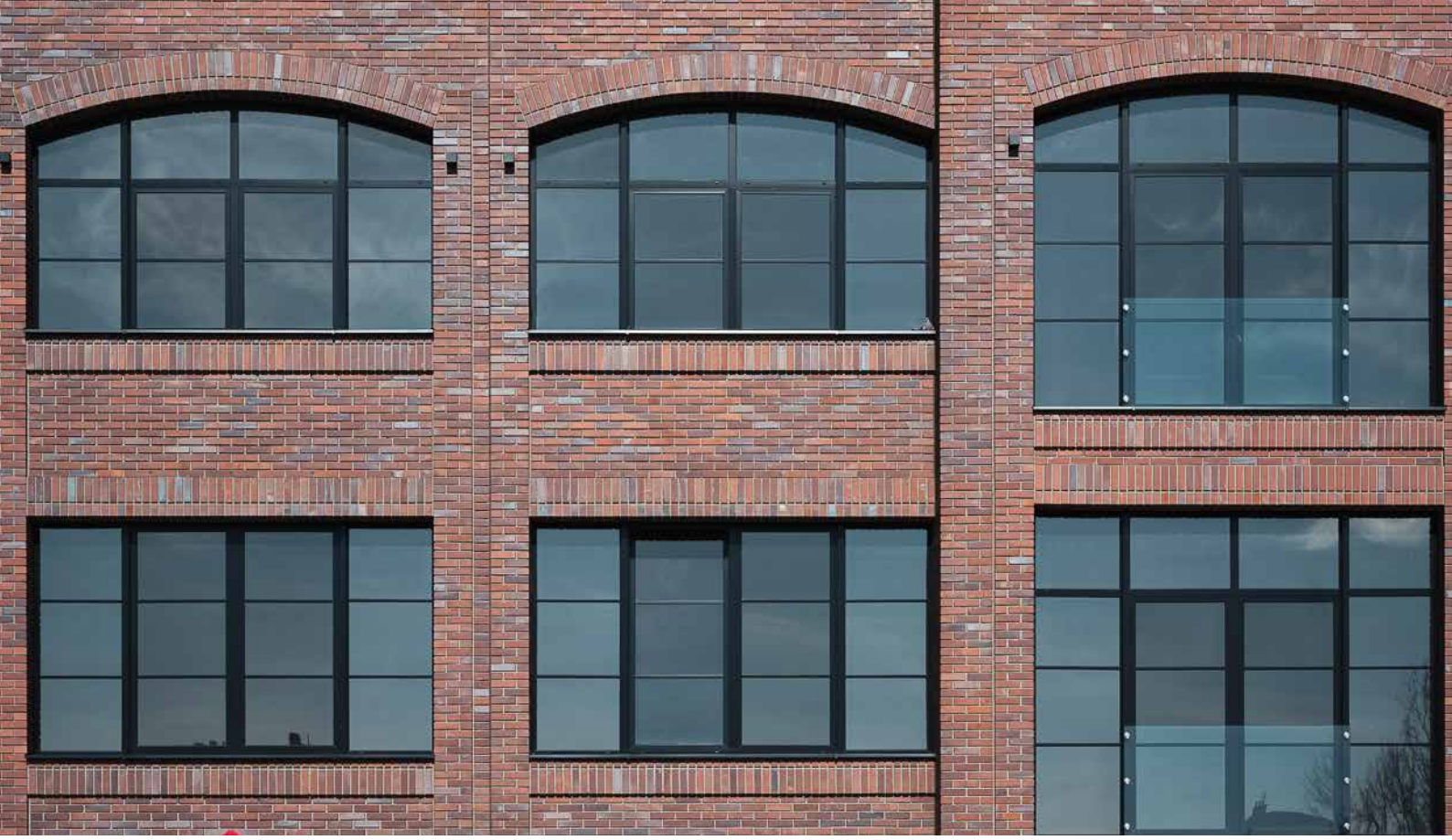


Window and door system
A75 WINDOW

The A75 three-chamber system is designed for the manufacture of thermally insulated window and balcony door structures.

The robust construction, durability of the aluminium and rich design guarantee many years of durability and aesthetics. The system meets the requirements of all current and future thermal and acoustic insulation standards, as confirmed by certificates from renowned research institutes.



CE CERTIFIED

Uw > 0.67 W/(m²K)

RC2* RESISTANCE BURGLAR

RC3* RESISTANCE BURGLAR

SELECTED SYSTEM PARAMETERS

from 0.67 W/m²K*	class RC2, RC3	class 4	class E1950	class C5	47(-2;-6) dB
Thermal insulation Uw	Burglar resistance	Air permeability	Watertightness	Resistance to wind load	Sound insulation

DESIGN & FUNCTIONALITY

- Low balcony threshold in turn-and-tilt windows, turn-and-tilt windows versions with continuous perimeter sealing.
- Option of designing arched constructions, including welded ones.
- All-glass corner.
- Available solutions: all-glass corner and stepped glass window.
- Four thermal options available.
- The A75 INDUSTRIAL window variant characterised by a special industrial design, complemented by system bars in a flat or spatial version.
- Production optimisation through use of the same fasteners and seals.
- System compatible with intelligent house solutions.
- Option to design turn windows, turn-and-tilt windows, turn-and-tilt windows with movable mullion and tilt windows.
- Two variants of hardware pusher: aluminum and PVC.
- Cover for the fitting groove.
- Elegant aluminium drain plugs.

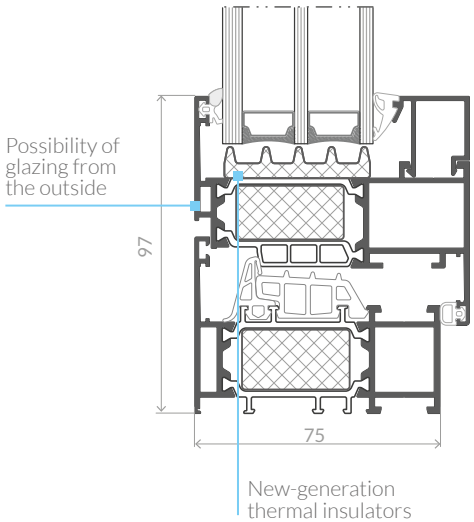


Temperature distribution

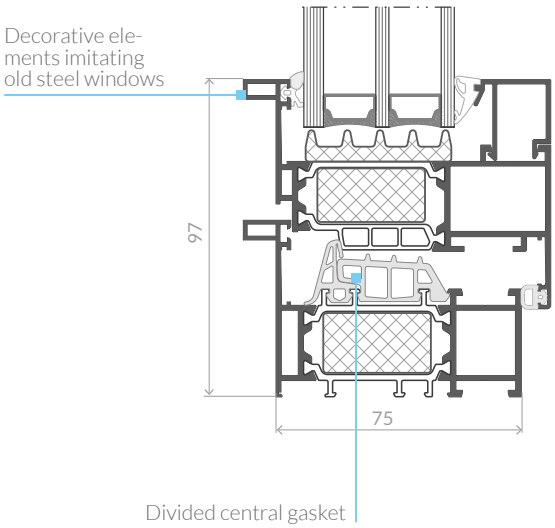
SYSTEM CHARACTERISTICS

3000 mm	1600 mm	200 kg	75 mm	16-66 mm	46 mm	33 mm
Max. sash height	Max. sash width	Max. sash weight	Installation depth	Glazing range	Min. visible frame width	Min. visible sash width

Section through opening window



Section through an INDUSTRIAL window





Apartamenty Czorsztyn Prestige

Lift and slide door system
AS 178HS PRO SLIM



The solution is used to construct a new generation of large-format, all-glass overhead sliding doors dedicated to residential buildings and other projects where ease of use and movement play an important role.

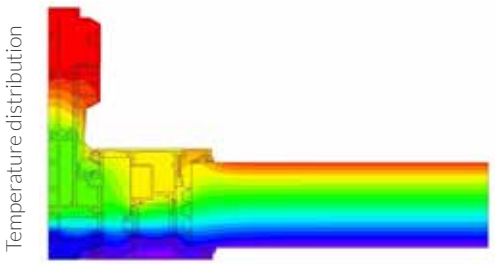
The ANTI-BI-METAL technology used as standard ensures durability and proper functioning irrespective of significant temperature differences inside and outside the room, while the flat door bolt strikers guarantee aesthetics and user safety. The solution is an alternative to expensive narrow-profile designs.

SELECTED SYSTEM PARAMETERS

from 0.7 W/m²K	class 4	class E1200	class C3/B3	class RC2	45(-2;-7) dB
Thermal insulation Uw	Air permeability	Watertightness	Resistance to wind load	Burglar resistance	Acoustics

DESIGN & FUNCTIONALITY

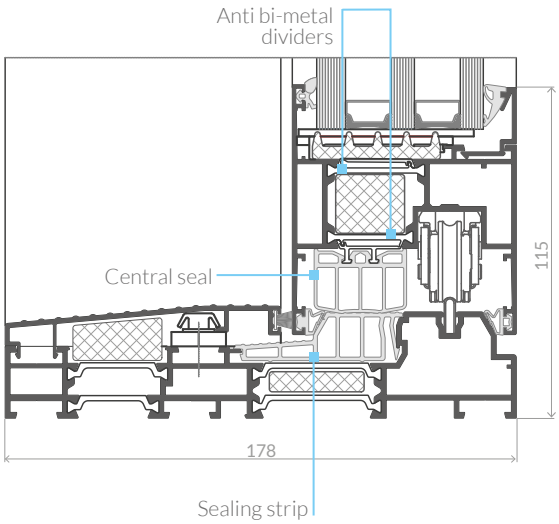
- Option of constructing structures in all fitting patterns.
- Solutions of all-glass corners and opening corners without a mullion.
- The solution of a narrow mullion: ultra variant - 25 mm, slim variant - 50 mm.
- Option to automate leaf movement.
- A solution compatible with the Aluron AS M system mosquito net.
- Multi-fold constructions based on a two and three-track frame.
- The solution of a low, warm threshold.
- Available in GLASS LINE version with all-glass cladding.
- Most profiles cut straight. 10% shorter prefabrication time.
- Narrow built-in profiles and crimp joints of the aluminium frames.
- Option of integrating the door frame completely into the thermal insulation layer.
- Easier installation of the door leaf. Temperature distribution in the frame.



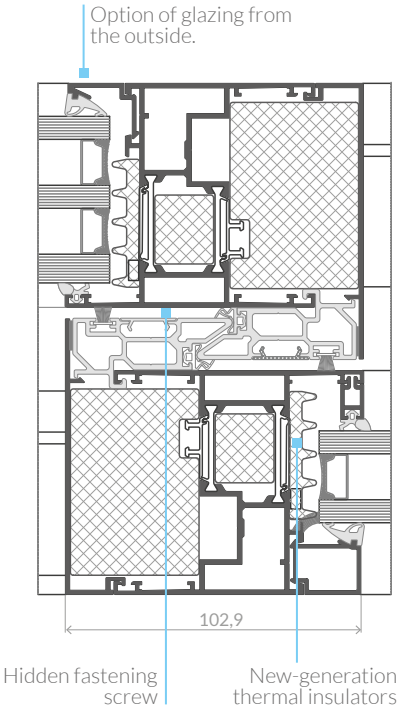
SYSTEM CHARACTERISTICS

3300 mm	3300 mm	600 kg	37 mm	25 mm / 50 mm	59 mm	78 mm
Max. leaf height	Max. leaf width	Max. leaf weight	Min. visible frame width	Narrow mullion	Max. glazing packet thickness	The depth of sash

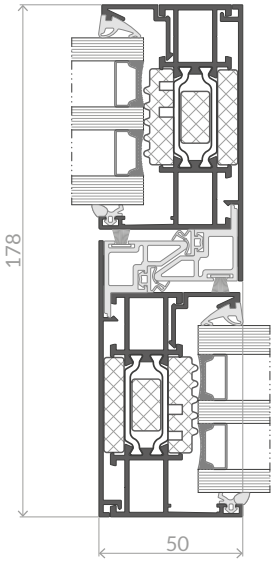
Section through sliding door at floor level



Section through centreline labyrinth



Slim-line variant



Aluron K. Baran i Wspólnicy S.K.A. | 42-400 Zawiercie, ul. Podmiejska 11 | tel. 32 62 10 600 | biuro@aluron.pl | www.aluron.eu