

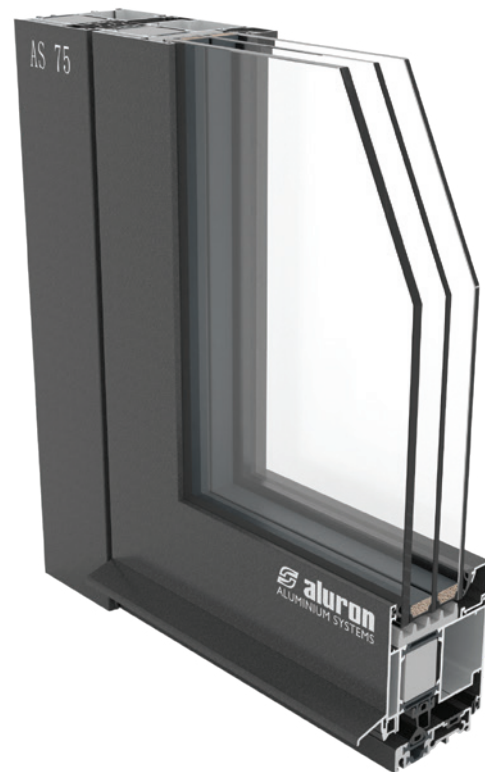


Moderna Powiśle Apartments in Warsaw

Window and door system **AS 75 DOOR**

The solution is used to construct thermally insulated doors that are resistant to deformation caused by large temperature differences between the inside and outside environment thanks to the use of anti bi-metal dividers.

The three-chamber AS 75 system meets all the stringent legal requirements for thermal and acoustic insulation, thanks in part to the use of new-generation thermal insulators.

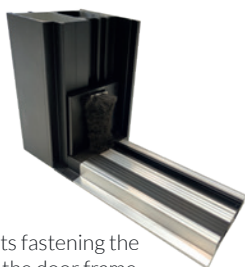


SELECTED SYSTEM PARAMETERS

from 0.93 W/m ² K*	class RC2, RC3	class 4	E1200 (1200 Pa)	class C2	41(-1;-5) dB	class 3
Thermal insulation Ud	Burglar resistance	Air permeability	Watertightness	Wind load resistance	Acoustics	Use class

DESIGN & FUNCTIONALITY

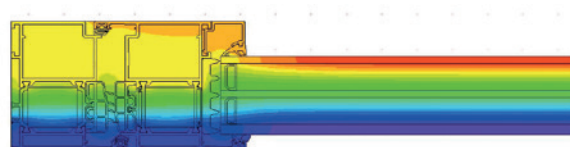
- 3** Three-chamber structure of aluminum profiles.
- 12** Twelve door designs available.
- The door leaf flushed with the frame on both sides.
- TPE** System equipped with proprietary ecological TPE seals.
- 4** Four thermal options available.
- ASM** A solution compatible with the system-designed mosquito net.
- Option to equip the door with surface, roller or hidden hinges.
- Option to integrate the system into modern smart house solutions.
- Modern full-depth threshold and aluminium substructure solution.
- Manufacturing optimisation through the use of the same fasteners and seals.
- Possibility of constructing emergency doors: emergency and panic doors.
- Elegant aluminium drain plugs.



New elements fastening the threshold to the door frame



Anthracite seals

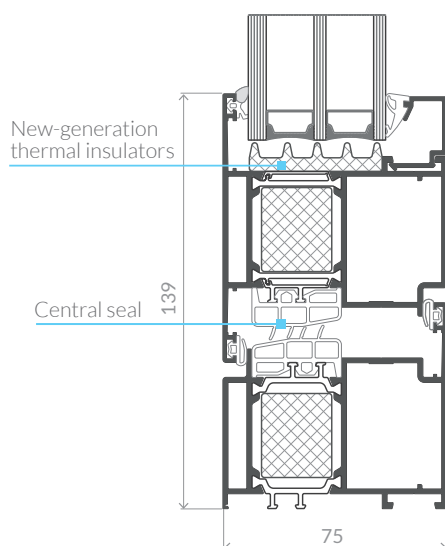


Temperature distribution

SYSTEM CHARACTERISTICS

3000 mm	1400 mm	280 kg	75 mm	17-57 mm	69 mm	65 mm
Max. leaf height	Max. leaf width	Max. leaf weight	Door profile depth	Glazing range	Min. visible frame width	Min. visible leaf width

Section through doors opening outwards



Section through doors opening inwards

