



AS 75 WINDOW

an innovative door-window system

The triple-chamber **AS 75 system** has been designed for thermally insulated window and door structures by means of state-of-the-art ANTI-BI-METAL technology, which protects the door leaves from heat deformation as well as very low temperatures. This system meets all current and future insulation standards.



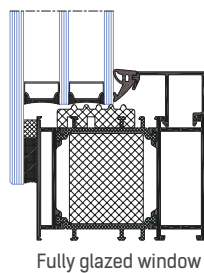
WINDOWS

- 3 types of window construction
- Thermal parameters of the construction meet the requirements till 2021
- Integral with other Aluron systems
- Aluminium drainage caps
- Suitable for smart buildings
- Arc constructions, including welded ones

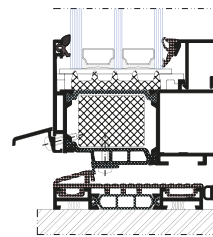
SELECTED FEATURES AND SYSTEM PARAMETERS

Frame thickness	75 mm
Range of glazing	up to 66 mm
Window sash thickness	84 mm
Window thermal insulation U_w	from 0.67 W/m ² K
Possible types of cladding	alu clad PVC
Waterproof	E 1950 Pa
Air permeability	IV class
Wind load resistance	C3
Burglary protection	RC2, RC3

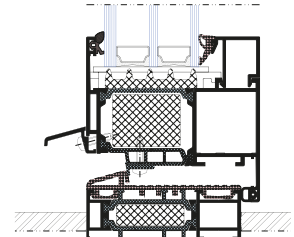
Full-glass corner in the AS 75 system



Fully glazed window

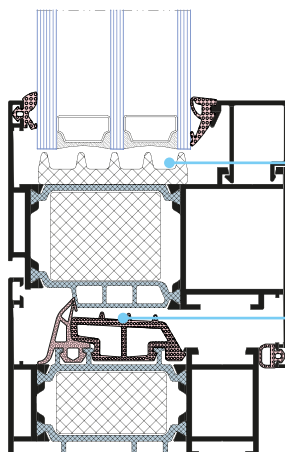


Low balcony door thresholds



Low balcony door thresholds

Window



New generation of thermal insulation

Partitioned central gasket

Heat transfer U_w coefficient for sample window 1.23 x 1.48 [m]

	U_w [W/m ² K]			
	$U_g=0,5$	$U_g=0,6$	$U_g=0,7$	$U_g=1,0$
AS 75T1	0,97	1,04	1,11	1,41
AS 75T2	0,87	0,94	1,01	1,28
AS 75T3	0,79	0,86	0,93	1,2