



Emaus Garden Apartments in Krakow

## Window and door system **AS 75 WINDOW**

The AS 75 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. The system is available in a triple-seal version thanks to the use of an additional gasket between the frame and the sash. The additional gasket increases protection against wind, rain, and noise.



### SELECTED SYSTEM PARAMETERS

from 0.67 W/m <sup>2</sup> K*	RC2, RC3, RC4	class 4	E1950 (1950 Pa)	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.
-  **GLASS LINE** Available solutions: all-glass corner and stepped glass window.
-  **4** Four thermal options available.
-  Possibility of using anthracite seals.
-  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.
-  **2** Two variants of hardware pusher: aluminum and PVC.
-  Cover for the fitting groove.
-  Elegant aluminium drain plugs.



Anthracite seals



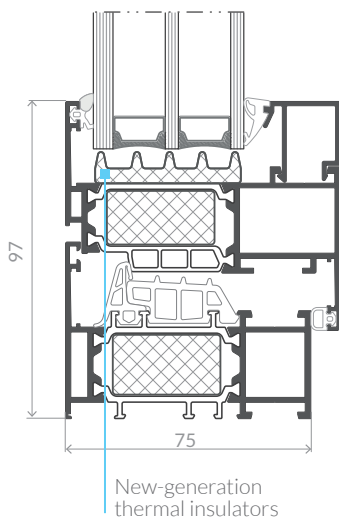
Temperature distribution

## 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

Triple-sealed sash



Increased sash stiffness thanks to a deep outer chamber

Additional external seal in the frame

