

Perfect Kozijnen

Five-chamber system for passive windows **AS 110 PASSIV**

The AS 110 PASSIV system is designed for the manufacture of windows, patio doors and display windows with the highest level of thermal insulation on the market.

There are up to five thermal variants on offer, including a passive variant certified at Passive House in Darmstadt. This is a state-of-the-art design for glazing with heavy 3-chamber packages. It allows the excellent static parameters of the sash to be maintained. The system has very high acoustic insulation.



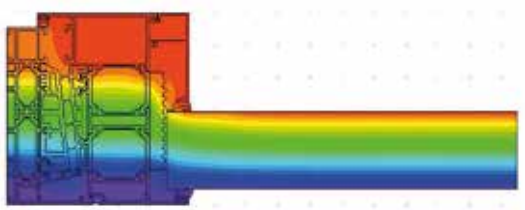
Uw >0.51 W/(m²K)

SELECTED SYSTEM PARAMETERS

from 0.42 W/m²K	class E1950	class 4	class C5/B5	class 4
Thermal insulation Uw	Water tightness	Air permeability	Wind load resistance	Mechanical strength

DESIGN & FUNCTIONALITY

- Innovative 5-chamber technology to improve structural rigidity.
- The window sash flushed with the frame from the outside.
- Five thermal options available.
- Two variants of hardware pusher: aluminum and PVC.
- Option of designing large glazing adapted to modern architectural trends.
- Cover for the fitting groove.
- Option to design turn windows, turn-and-tilt windows, turn-and-tilt windows with movable mullion and tilt windows.
- Lower profiles of leaves and low assemblies - more light.
- A solution compatible with mosquito nets system from Aluron.
- Elegant aluminium drain plugs in the color of the joinery.
- Sash available in two hardware groove versions: ALU and PVC.
- Possibility of crimping and doweling.

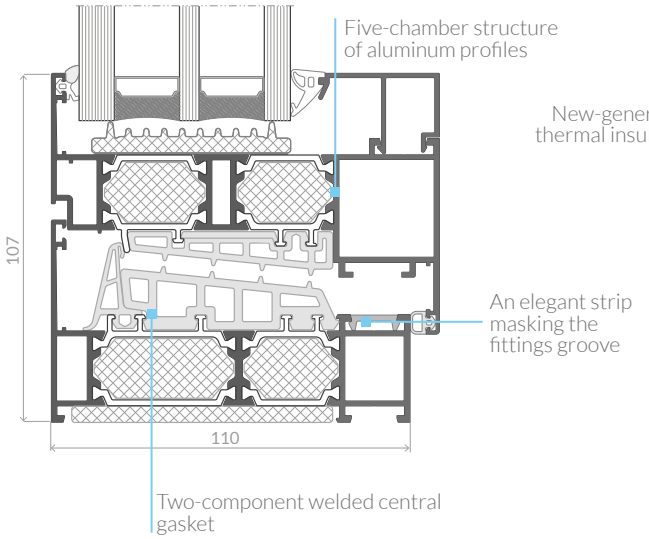


Temperature distribution

SYSTEM CHARACTERISTICS

3500 mm	1700 mm	300 kg	110 mm	47-74.5 mm	119 mm	54 mm	32 mm
Max. sash height	Max. sash width	Max. sash weight	Frame depth	Glazing range	Depth of window sashes	Min. visible frame width	Min. visible sash width

Section through opening window



Section through a fixed window mullion

