W450

Tilt & Turn Thermal Insulating System

for maximum energy saving.



OPENING SYSTEMS



System Identity

The W450 system belongs to the thermal insulation systems generation and has been designed with attention to detail in order to meet contemporary architectural needs for energy efficiency and safety. This line's wide range of profiles offer numerous innovative solutions, from flat to curved sections, as well as the ability to apply complex typologies such as "aller-retour" doors, rotating windows and opening frames with hidden sash in order to achieve a highlevel aesthetics.

The available profiles collaborate perfectly with high-quality components and mechanisms which underline the system's multifaceted and ergonomic nature.

The system's non-negotiable priority for maximum energy savings and high safety is ensured due to the possibility of perimeter locking and the use of 24 mm reinforced polyamides (PA66 GF25) offering a Thermal insulation Index Uf=2.2-2.6 W/m²K and a Sound Reduction Index Rw of 43 dB.

Thanks to its innovative features, the W450 system is extremely efficient, user-friendly, unique in its kind.

Features & Benefits

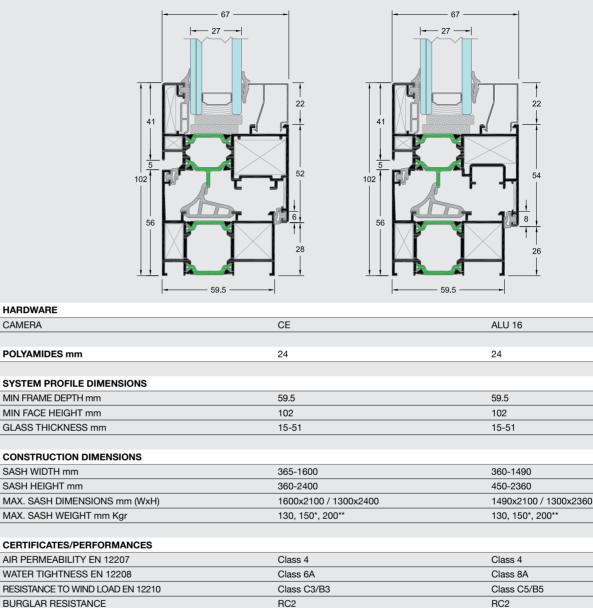
- The maximum security provided by the use of multiple locking combined with the high performance of thermal and sound insulation guarantee excellent quality, functionality and significant energy saving.
- Use of glass reinforced polyamides (PA66 GF25) 24 mm.
- Multi-chamber central gasket that secures optimum impermeability preventing energy loss.
- Option of using mechanisms CAMERA EUROPEA & CAMERA ALU 16 (stainless steel locking mechanism on perimetric system).
- Manufacturing capabilities with bead cutting of 45° degrees and snap-joined bead for excellent aesthetic result to the inside of frames.
- "Curtain" gaskets that deliver extra thermal insulation.

Configurations

Casement windows

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450





43 dB (-2;-7)

Uf=2.2-2.6 W/m²K

Rate of Insulation

SOUND REDUCTION Rw EN 140-3

THERMAL INSULATION UF EN ISO 10077-2

*Reinforced Tilt and Turn | **Hinged with heavy duty hinges

Uw=1.84 W/m²K Thermal conductivity coefficient has calculated for the co 1400x2200 with Ug=1.1 W/m²K

43 dB (-2;-7)

Uf=2.2-2.6 W/m²K

SYSTEM

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