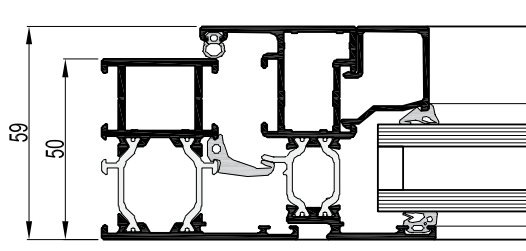


ES 50

Windows & Doors



Simply smart

ES 50 is a well-insulated system for inward and outward opening windows and doors, that combines aesthetic design and energy efficiency with a moderate price. The system's limited built-in depth allows its application in many constructions, even with reduced wall thicknesses.

Design wise, ES 50 offers, next to the functional design frames, special block profiles resembling wooden frames. The use of invisible fittings results in an even more elegant look, since hinges are no longer in sight. In addition, ES 50 can comply with burglar resistance class 2, offering a safe and secure solution both for residential constructions and utility buildings.



TECHNICAL CHARACTERISTICS

Min. visible width inward opening window

Min. visible width inward opening flush door

Overall system depth window

Rebate height

Glass thickness

Frame

Vent

Frame

Vent

Frame

Vent

FUNCTIONAL

48 mm

30 mm

67 mm

74 mm

50 mm

59 mm

22 mm

up to 32 mm

PERFORMANCES



Thermal insulation



Acoustic performance



Air tightness



Wind load resistance



Water tightness



Burglar resistance

Uf-value down to 1.6 W/m²K depending on the frame/vent combination and the glass thickness

Rw (C;Ctr) = 35 (-1;-4) dB / 39 (-1;-3) dB, depending on the glazing type

Up to 600 Pa (class 4)

Up to 1600 Pa (class 4)

Up to 750 Pa (class E750)

Up to RC 2 (EN 1627)