



S440

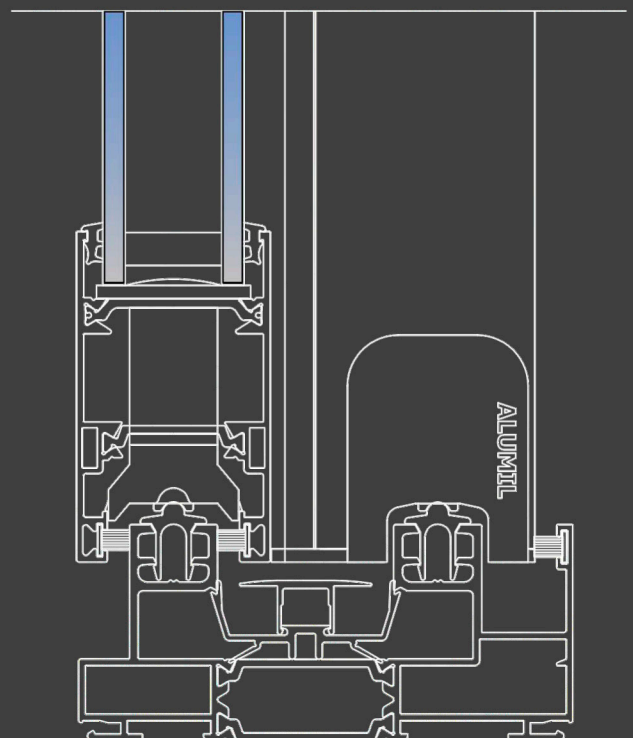
SLIDING INSULATED SYSTEM

The S440 is the latest proposal for thermally insulated sliding systems. Alumil created the innovative sliding system S440 according to the modern architectural trends and the requirements for higher energy-efficient systems and excellent performances. This system is the ideal solution for sliding frames in Western Europe.

The linear profiles' shape has been designed so as to minimize both the visible aluminum frame and the visible depth of the system. The performances of the system meet the most demanding requirements by combining high energy efficiency, safety and modern design and enable a large range of constructions that can contribute significantly to the buildings' energy efficiency, visibility and natural lighting.

- Minimum visible height 75 mm & ability to use particular elegant interlock profile in just 39 mm, for maximizing visibility and natural lighting.
- Two sash profiles available for 45° and 90° assembling.
- Fiberglass reinforced polyamides of 40 mm width in the frame and 40 mm, 32 mm width in the sash profile offering to the system a high level of thermal insulation ($U_f = 2,9$ to $4,6 \text{ W/m}^2\text{K}$).

- Extra thermal insulation at the interlocking point by using PVC profile.
- PVC profiles for drainage with specially designed clipped cover that offers high watertightness and reduces visually the frame's depth according to the minimal design of the system.



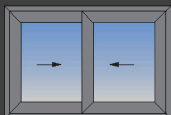
S440

TECHNICAL CHARACTERISTICS

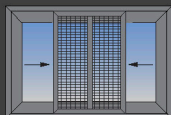
Visible aluminium face width	111,5 mm
Frame height	45 mm
Frame width	103 mm
Sash height	75 mm
Sash width	44 mm
Interlocking profile width	39/78,5 mm
Sash weight	Up to 120 kg
Glazing	32 mm
Insulation	Polyamides 40 mm Ø 32 mm width, PVC

TYPOLOGIES

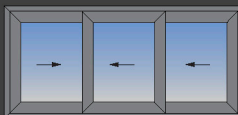
Horizontal sliding



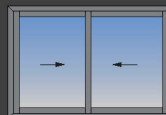
Two sash sliding window



Two sash sliding window
with fly screen



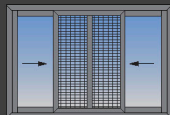
Three sash sliding window



Two sash parallel
sliding window 90° cutting



Three sash sliding
window with fly screen



Two sash sliding window 90°
cutting, with fly screen

CERTIFICATES



Air permeability EN 1026, EN12207

CLASS 3



Watertightness EN 1027, EN 12208

CLASS E750



Resistance to wind load EN 12210, EN 12211

CLASS C3/B3



Thermal Insulation EN 10077-2

U_f from 2,9 to 4,6 W/m²K



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