



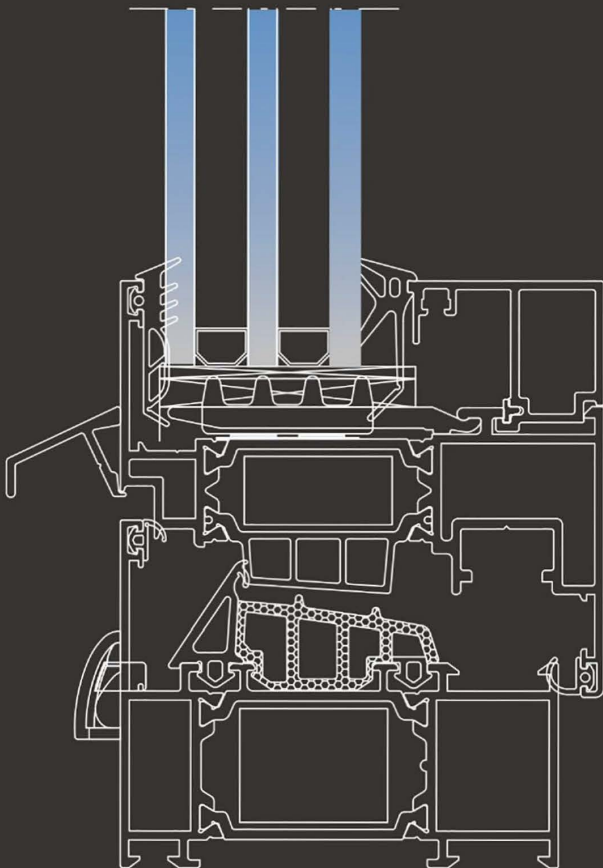
**S77**

HINGED INSULATED SYSTEM

Supreme S77 system is Alumil's latest proposal for advanced insulating hinged systems which meets the high standards of private and public buildings in Western Europe, combining the demanding levels of thermal insulation, water tightness and sound insulation. The system includes a wide range of profiles with modern flat shape, as well as with Alumil's characteristic curved shape.

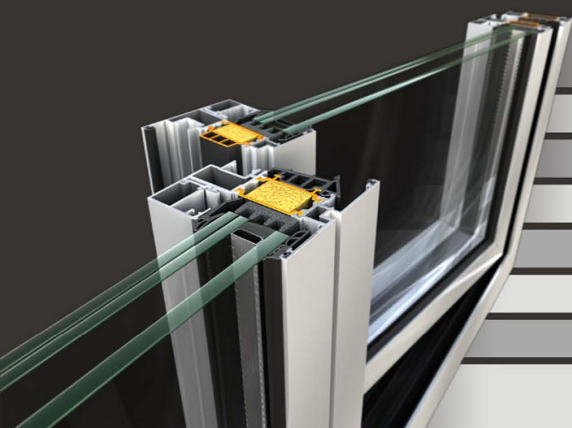
Furthermore, it provides the choice of using concealed sash and concealed fittings for windows and doors and also, of making constructions with totally aligned sash and frame profiles both internally and externally for the entrance doors. It is the ideal solution for any kind of constructions that require strict standards for high performance and maximum safety.

- High thermal insulation value  $U_f \geq 0,85 \text{ W/m}^2\text{K}$  by using special 40 mm fiber glass reinforced polyamides in the frame and sash profiles, PE insulation foam, kooltherm bars and central gasket that consists of a combination of EPDM and foaming material.
- Visible aluminium face width 93 mm and only 67 mm for concealed sash.
- 3 levels of watertightness with EPDM gaskets both for windows and entrance doors.
- Available low threshold for easy access of disabled
- Available extra profiles specifically for proper installation at the French market.



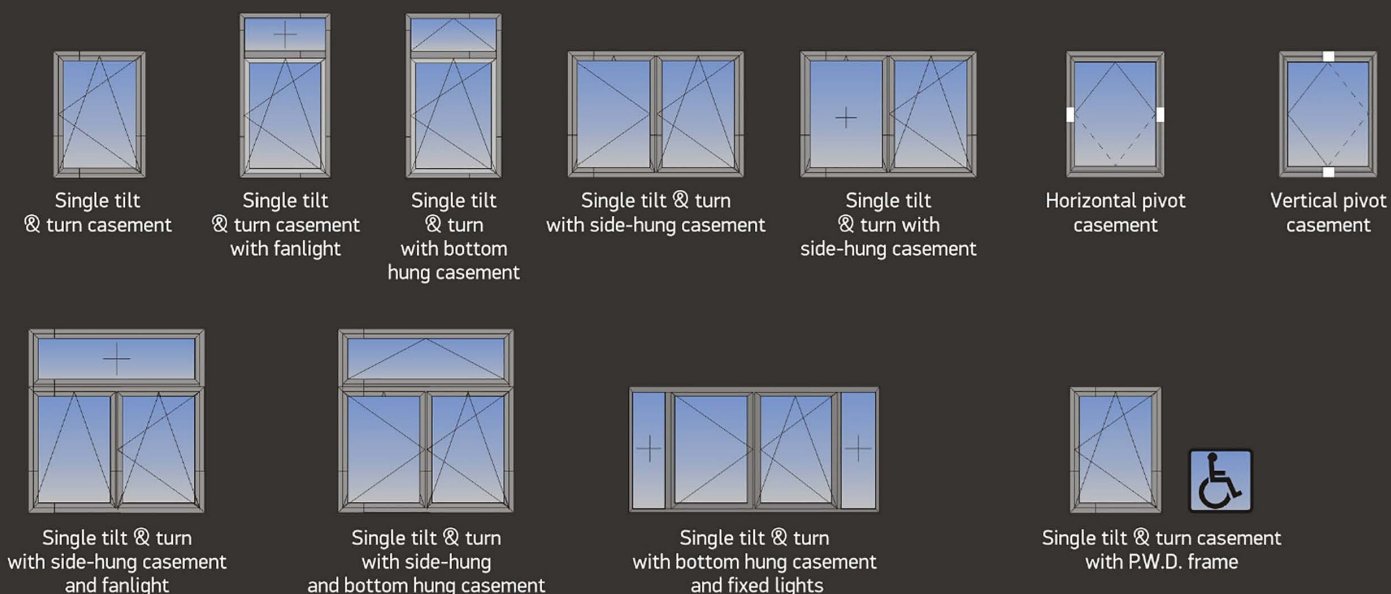
# S77

## TECHNICAL CHARACTERISTICS

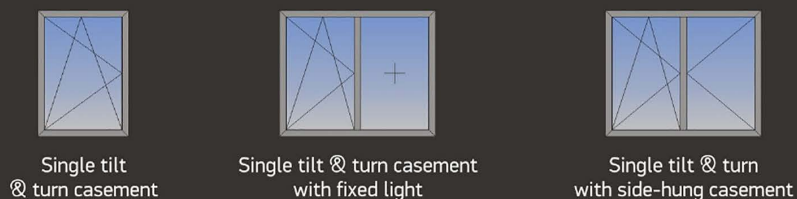


Visible aluminium face width	93 mm only 67 mm for concealed sash
Frame height	61 mm
Frame width	77 mm
Sash height	73 mm
Sash width	85 mm
Sash weight	Up to 130 kg
Glazing	24 to 68 mm
Insulation	Polyamides 40 mm width, Kooltherm, PE insulation foam

## TYOLOGIES



## Concealed sash



## CERTIFICATES

	Air permeability EN 1026, EN12207	CLASS 4
	Watertightness EN 1027, EN 12208	CLASS E1350
	Resistance to wind load EN 12210, EN 12211	CLASS C5/B5
	Thermal Insulation EN 10077-2	U <sub>f</sub> from 0,85 up to 1,4 W/m <sup>2</sup> K