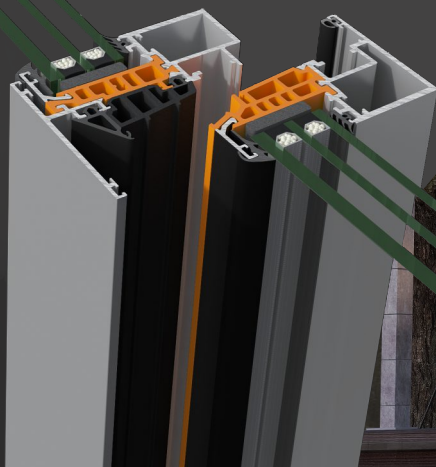


Alumil

SUPREME S77



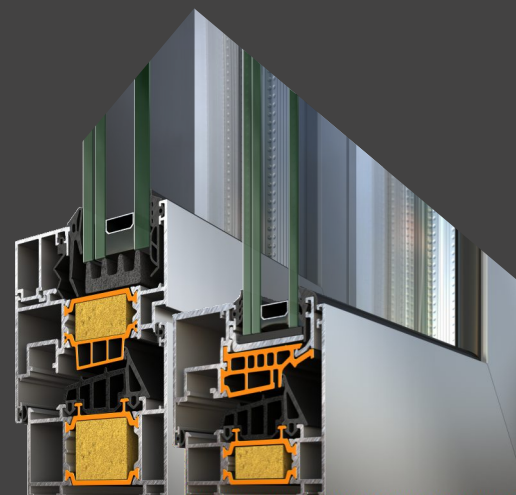
HINGED INSULATED SYSTEM

The system SUPREME S77 is ALUMIL's proposal for advanced insulating casements, with modern flat design which meet the high standards of private and public buildings in Western Europe. It is the ideal solution for projects that require high performance and maximum safety.

Furthermore, the system offers minimal design for windows & patio doors with the concealed sash and fittings. The SUPREME S77 satisfies the demanding levels of thermal insulation, water tightness performances which in combination with sound reduction, make it ideal for the most demanding projects.

- High thermal insulation value $U_i \geq 0,85 \text{ W/m}^2\text{K}$, certified by ift Rosenheim Institute.
- Visible aluminium face width 93 mm and only 67 mm for concealed sash.
- Maximum watertightness with 3 levels of EPDM gaskets and co-extruded EPDM and foam gasket.

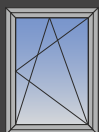
- Specially designed low threshold for easy access for people with disabilities.
- For all typologies of hinged windows and patio doors.
- Wide range of sill profiles available.



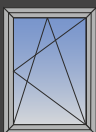
TECHNICAL CHARACTERISTICS

Visible aluminium face width	93 mm (only 67mm for concealed sash)
Frame height	61 mm
Frame width	77 mm
Sash height	73 mm
Sash width	85 mm
Sash weight	Up to 150 kg
Glazing	23 to 72 mm
Insulation	Polyamides 40 mm width, Kooltherm, PE insulation foam

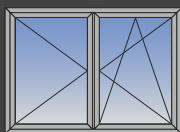
TYOLOGIES



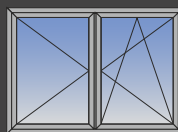
Single tilt
& turn casement



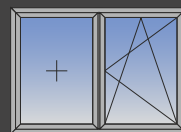
Single tilt & turn casement
with P.W.D. frame



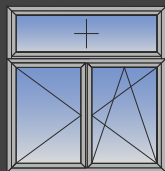
Single tilt & turn
with side-hung casement



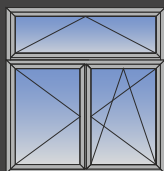
Single tilt & turn with side-hung
casement with P.W.D. frame



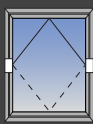
Single tilt & turn with
fixed light



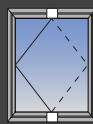
Single tilt & turn
with side-hung casement
and fanlight



Single tilt & turn
with side-hung
and bottom hung casement

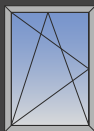


Horizontal pivot
casement

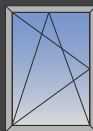


Vertical pivot
casement

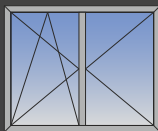
Concealed sash



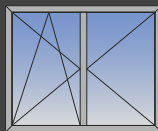
Single tilt
& turn casement



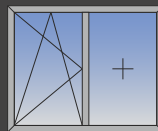
Single tilt & turn casement
with P.W.D. frame



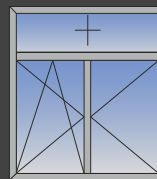
Single tilt & turn
with side-hung casement



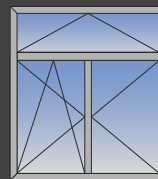
Single tilt & turn with side-hung
casement with P.W.D. frame



Single tilt & turn with
fixed light



Single tilt & turn
with side-hung casement
and fanlight



Single tilt & turn
with side-hung
and bottom hung casement

CERTIFICATES



Air permeability EN 1026, EN12207

CLASS 4



Watertightness EN 1027, EN 12208

CLASS E1500



Resistance to wind load EN 12210, EN 12211

CLASS C5/B5



Burglar resistance EN 1627-1630

RC3



Sound reduction EN 14351, EN 717

R_w (C;Ctr) = 42 (-2;-8) dB



Thermal Insulation EN 10077-2

U_w = 0,95 W/m²K *

* For window dimensions 1,60 x 2,40 m and U_g = 0,7 W/m²K



ALUMIL SA

KILKIS INDUSTRIAL AREA

GR 61 100, KILKIS

TEL: +30 23410 79300

FAX: +30 23410 71988

www.alumil.com