

Alumil

SMARTIA S67



HINGED INSULATED SYSTEM

S67 is an insulated system for casements with high standards that offer high levels of thermal insulation, air, watertightness & wind load resistance.

- Frame width 67 mm & sash width 75 mm
- High thermal insulation value $U_i \geq 1,1 - 2,6 \text{ W/m}^2\text{K}$ by using special 30 mm fiber glass polyamides in the frame and sash profiles & PE insulation foam
- Visible aluminium face width 93 mm and only 72 mm with the concealed sash
- Available in various designs: flat & curved
- Max. glass thickness up to 58 mm and weight per sash up to 180 Kg
- 3 levels of watertightness with EPDM gaskets
- High waterproofing level

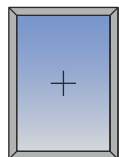




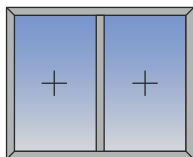
TECHNICAL CHARACTERISTICS

Visible aluminium face width	93 mm
Frame height	51 mm
Frame width	67 mm
Sash height	73 mm
Sash width	75 mm
Max. sash weight	180 Kg
Glazing	17-58 mm
Insulation	Polyamide 30 mm width

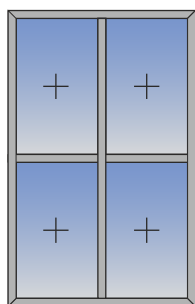
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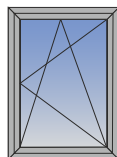
One fixed light



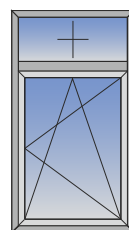
Two fixed lights



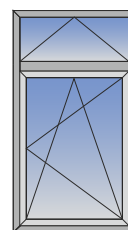
Four fixed lights



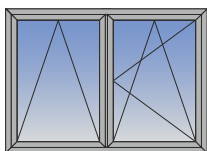
Single side-hung
casement, tilt and turn



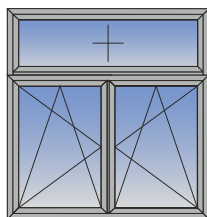
Single side-hung casement,
tilt and turn with fixed light



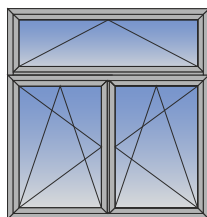
Single side-hung casement,
tilt and turn with tilt light



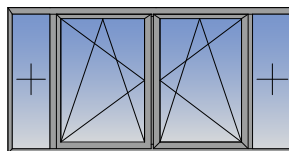
Double side-hung casement,
tilt and turn



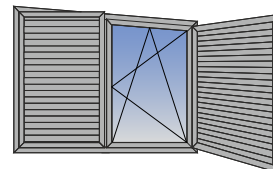
Double side-hung casement,
tilt and turn with fixed light



Double side-hung casement,
tilt and turn with tilt light



Double side-hung casement,
tilt and turn with side lights



Double side-hung casement,
tilt and turn, with shutter

CERTIFICATES



Air permeability EN 1026, EN12207

CLASS 4



Watertightness EN 1027, EN 12208

CLASS E1200



Resistance to wind load EN 12210, EN 12211

CLASS C4/B4



Burglar resistance EN 1627-1630

RC3



Sound reduction EN 14351, EN 717

R_w (C;Ctr) = 45 (-2;-6) dB



Thermal Insulation EN 10077-2

U_f from 1,1 to 2,6 W/m²K



ALUMIL SA

KILKIS INDUSTRIAL AREA

GR 61 100, KILKIS

TEL: +30 23410 79300

FAX: +30 23410 71988

www.alumil.com