ALUMIL
SMARTIA
S67

HINGED INSULATED SYSTEM

S67 system for hinged thermal insulated constructions with high standards main characteristics such as high levels of thermal insulation, air, watertightness & wind load resistance.

- Frame width 67 mm & sash width 75 mm

- High thermal insulation value $U_f \geq 1,65 - 2,4$ W/m²K 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 150 Kg

- 3 levels of watertightness with EPDM gaskets
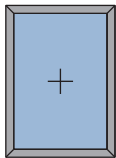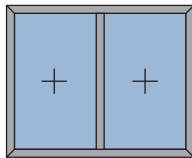
- Higher waterproofing level

TECHNICAL CHARASTERISTICS

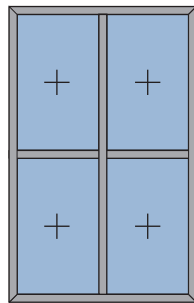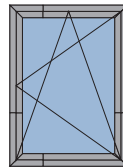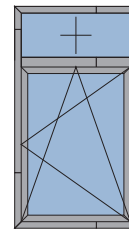|	
Visible aluminium face width	93 mm
Frame height	51 mm
Frame width	67 mm
Sash height	37 mm
Sash width	75 mm
Sash weight	150 Kg
Glazing	58 mm
Insulation	Polyamide 30 mm

TYPOLOGIES

One fixed light
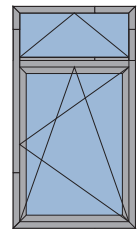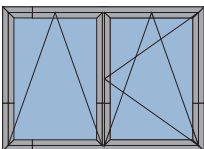

Two fixed lights

Four fixed lights

Single side-hung
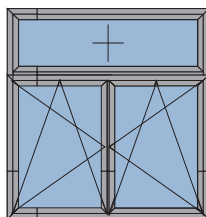casement, tilt and turn

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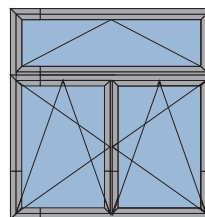tilt and turn with fixed light

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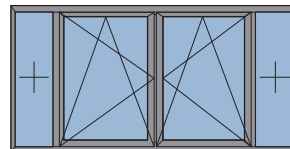tilt and turn with tilt light
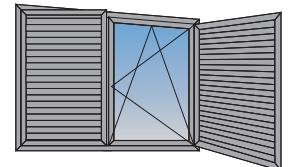

Double side-hung casement,
tilt and turn

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 E1050
	Resistance to wind load EN 12210, EN 12211	CLASS C4/B4
	Thermal Insulation EN 10077-2	U_f from 1,65 to 2,4 W/m²K