



ALU Hidden Sash Window

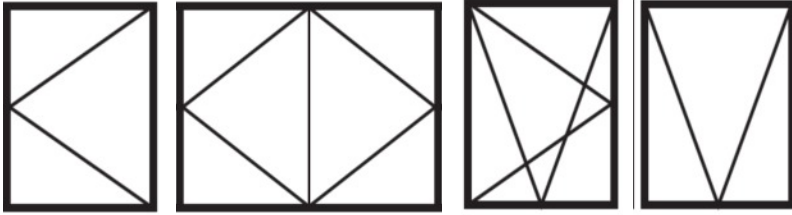
A European style tilt before turn design with hidden sash, characterized by sightlines of only 66 mm from the outside, maximising the surface area of the glazing, so that the glazing makes up 85% of the total window area. This design means that from the outside the sash is concealed, so it is impossible to distinguish between fixed and opening lights, giving the façade a homogeneous appearance, which is aesthetically pleasing.

- Thermal break of 35 mm and the insertion of polyolefin foam into the frame and leaf allow to reach values of up to $1.0 \text{ W} / \text{m}^2\text{K}$ of transmittance of hollow, maximizing its energy efficiency.
- High thermal performances are completed with a high degree of soundproofing achieved by this system thanks to the possibility of installing glazed units up to 40 mm thick.
- Weather testing results attest to the excellent performance in watertightness, permeability and wind resistance to receive the highest protection in the most unfavourable climatological situations.

Opening Possibilities

Open In:

- 1 & 2 sashes
- Tilt & turn 1 & 2 sashes
- Hinged



Technical Data

U Values

U Glass (W/m ² K)	0.7	0.8	0.9	1	1.1	1.2
U Overall (W/m ² K)	1.2	1.3	1.4	1.4	1.5	1.6

Weather Ratings

Wind Resistance:	BS EN 12210:2000 Class C5
Water Tightness:	BS EN 12208:2000 Class E1650
Air Permeability:	BS EN 12207:2000 Class 4

Acoustic Insulations

- Maximum glazing 40mm
- Maximum acoustic insulation $R_w=46$ dBA

Size Limitations Per Sash

Max Width:	1300mm
Max Height:	2400mm
Max Weight:	120Kg

