

TECHNICAL DETAILS

PERFORMANCE:

According to STS 52.0
Air transmission: PA2
Mechanical resistance to wind: PV2
Watertightness: PE2
Severe weather: rated BS6375 Part 1 Class C 600 Pa
Water: 300 Pa
Wind Pressure 1200 Pa

DETAILS:

Built-in-depth: outerframe 78mm. Sash 70mm
Sealings: with extruded E. P. D. M. rubber & PP brushes
Glazing: from 6 to 38mm. 28mm standard

SIZE RESTRICTIONS:

Frame Height: Max 2500mm Min 1950mm
Frame Width: Max 6000mm Min 1000
Panel Width: Max 1000mm

FEATURES:

- Polyamide Thermal Barrier for superior insulation
- Maximum sash weight up to 80 Kgs
- Security locking on main doors and intermediate stiles
- High performance weathering
- Internally beaded
- Virtually maintenance free

OPTIONS:

- Open inside or outside of building
- Accommodates glazing units from 6mm to 38mm
- Standard cill or low profile cill for minimal step-over
- Widest range of styles and openings
- Single, dual-colour or exclusive 'wood effect' finishes
- Open to left or right, or out from the centre

MATERIALS:

Aluminium: AlMgSi 0.5 Type 6060/6063 T5 in condition F22 (according to NBN P21-001 and DIN 7863, TV 110, NFP 85301, ISO 3994, tested and approved according to artificial ageing test of 'Plexi Glass' combined with vulcanised rubber.

Thermal break: polyamide strips PA 6.6.25% reinforced with glass fibre.

FINISHING:

Electrostatic Powder Coating: according to the guidelines of A. P. A. - Qualicoat in most of the current RAL colours. The composed profiles (with thermal break) can be coated with different inner and outer colours (Dual Colour). Anodised in satin or bronze colours with EWAA/EURAS - Qualinod quality label.

Also available in 'wood effect finish to imitate different wood structures (powder coated according to 'Qualicoat' standards).