

# PUR<sup>e</sup>® FOLD Folding Sliding Door System

## Technical Datasheet

### Scope

The PUR<sup>e</sup>® FOLD Folding Sliding door system has been designed to meet current and future building regulations, with impressive U-values and thermal performances. PUR<sup>e</sup>® is an evolved generation of aluminium window and door systems manufactured in the UK. It combines the long life and low maintenance of aluminium with a patented high insulation PUR foam thermal barrier. PUR<sup>e</sup>® FOLD Folding Sliding doors are capable of accepting glazing up to 48mm thick.

### Materials

- Extruded aluminium is generally Aluminium Alloy 6060.T6/T66, 6063.T6/T66, 6082.T6 to BS EN 755-9 and EN 12020-2.
- Polyamide thermal barriers are manufactured in accordance with PA66 GF25.
- The Gasketry is generally manufactured in accordance with BS ISO 3302-1.
- The fixings are generally A2 Stainless Steel screws.

### Finishes

PUR<sup>e</sup>® FOLD Folding Sliding door sections are available typically in two finishes.

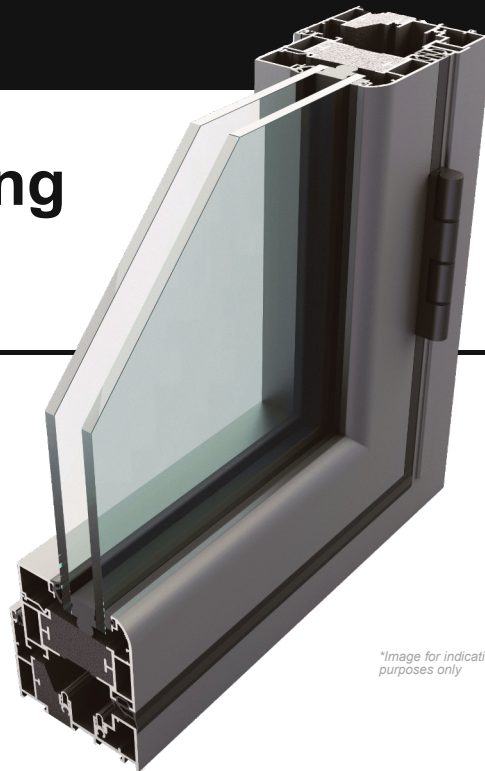
- Polyester Powder Coating to BS EN 12206-1 Part 1 painted in house. Surface finished to a minimum of 40 microns standard, or enhanced to suit project requirements, in accordance with ISO 9001, ISO 14001 and ISO 45001.
- Anodised finishes are to BS3897 to a minimum of 25 microns (AA25), supplied in either satin or polished finish in a limited range of colours.

### Construction

PUR<sup>e</sup>® is constructed using mitred corners and/or shear blocks, joined with crimped or mechanical cleats; alignment chevrons assist in clean, accurate mitres. A proprietary sealant is used on all metal joints in line with good practice.

### Environmental

Senior Architectural Systems is fully compliant with BS EN ISO 9001, BS EN ISO 14001, ISO 45001 and BES6001 standards. When used on projects involved in a BREEAM assessment, or within the Code for a Sustainable Built Environment, (which therefore involves the Green Guide specification) can offer significant benefits. For project specific assistance, please contact our specification team.



\*Image for indicative purposes only

### Typical Sizes

Max door leaf width	1000mm
Max door leaf height	2616mm
Max outerframe height	2700mm
Max weight per door leaf	100kg

### \*Average U-values

CEN standard (Double Glazed)	1.3 W/m <sup>2</sup> K
CEN standard (Triple Glazed)	0.88 W/m <sup>2</sup> K

### Glazing

Thickness	24mm - 48mm
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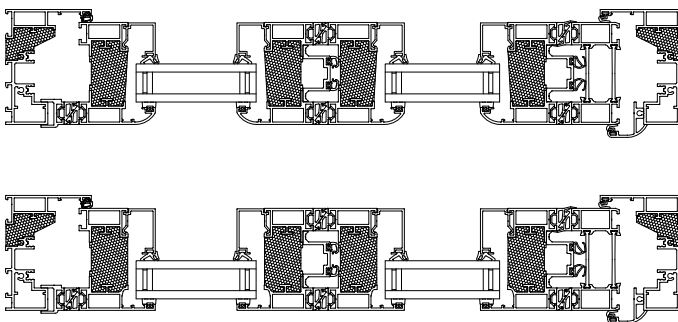
### Testing

Security	PAS24 & SBD
**BS6375 - 1	✓
BS6375 - 2	✓
BS6375 - 3	✓

\*All calculations are based on CEN sized single doors 1230mm x 2180mm ±25% and double door 2000mm x 2180mm ±25%.

\*\* Results may vary based on specification. Further details are available upon request.

Test certifications available upon requests, please contact.



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