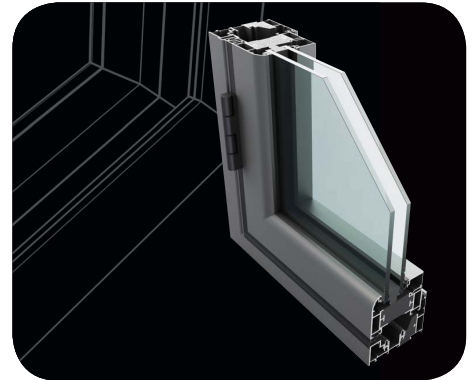


# PURe® FOLD

## folding sliding door system



### Scope

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The PURe® FOLD folding sliding door has been designed to meet current and future building regulation, with impressive U values and thermal performances. PURe® is an evolved generation of aluminium door systems manufactured in the UK. They combine the long life and low maintenance of powder coated aluminium externally with a patent pending high insulation PUR foam thermal barrier. PURe® folding sliding doors are capable of accepting glazing up to 48mm thick depending on weight.

### Materials

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- All aluminium sections are extruded using Aluminium Alloy 6060 or 6063 T6 to BS EN 755 part 9 2008 or BS EN 12020-2.
- Polyamide thermal barriers are manufactured in accordance with PA66 GF25.
- Gaskets are manufactured in accordance with BS3734.

### Finishes

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PURe® folding sliding door sections are available typically in two finishes:

- Polyester Powder Coating to BS EN 12206:2004 Part 1 – painted in house. Surface finish at 40 microns standard, or enhanced to 60 microns for marine environments, in accordance with ISO 9001, ISO 14001 and ISO 18001.
- Anodised finishes are to BS3897: 1991 to a minimum of 25 microns (AA25), supplied in either satin or polished finish in a limited range of colours.

### Construction

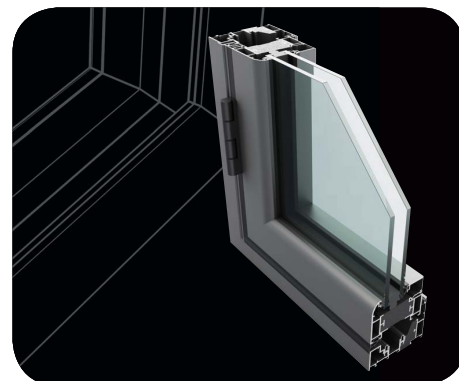
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PURe® is constructed using mitred corners, joined with crimped or mechanical cleats; alignment chevrons assist in clean, accurate mitres.

A proprietary sealant is used on all metal joints in line with good practice.

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### Technical Data

#### Weather rating

Tested to BS6375-1, BS6375-2 and BS6375-3

#### Patent Pending Number

1500459.1

#### Typical\* sizes

Max Door Leaf Width	1000mm
Max Door Leaf Height	2616mm
Max Outerframe Width	6000mm
Max Outerframe Height	2700mm
Max Weight Per Door Leaf	100Kg

\*For guidance only – when exceeded please consult our technical department

#### Glazing

Thickness	28mm - 48mm
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For thicker options please consult our technical department

#### Average U values

CEN standard - Standard	2000 x 2180mm
28mm Double Glazed Unit	1.36 W/m <sup>2</sup> K
48mm Triple Glazed Unit	0.95 W/m <sup>2</sup> K

CEN standard - Thermally Enhanced	2000 x 2180mm
28mm Double Glazed Unit	1.33 W/m <sup>2</sup> K
48mm Triple Glazed Unit	0.93 W/m <sup>2</sup> K

For glazing specification please contact our technical department

#### Security

Security tested to PAS24: 2012, security hardware required. Q-Mark fully certified.

### Environmental

PURe®, when used on projects involved in a BREEAM assessment, or within the Code for a Sustainable Built Environment and the Code for Sustainable Homes (which therefore involves the Green Guide to specification) can offer significant benefits. For project specific assistance, please contact our specification team.

#### Specification.

**Please contact our team for advice on product suitability, calculations and NBS or bespoke specifications.**

All data in this specification sheet is courtesy of Senior Architectural Systems. Soundcraft Doors and Windows works in partnership with Senior Architectural Systems.

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