



Technical information

# PURE<sup>®</sup> SLIDE inline slide door system

single, double and triple track configurations

**PURE**  
DOOR SYSTEMS

## Scope

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The PURE® SLIDE inline 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® inline sliding doors are capable of accepting glazing up to 52mm 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® inline 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 mechanical cleats; alignment chevrons assist in clean, accurate mitres.

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

## Weather Rating

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

Patent Number  
GB252363.8

## Typical\* sizes

Max Door Leaf Width	3005mm
Max Door Leaf Height	2916mm
Max Outerframe Width	Project specific
Max Outerframe Height	3000mm
Max Weight Per Door Leaf	160Kg

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

## Glazing

Thickness	28mm - 52mm
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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	1.60 W/m <sup>2</sup> K
48mm Triple Glazed Unit	1.22 W/m <sup>2</sup> K

CEN standard - Thermally Enhanced	2000 x 2180mm
28mm Double Glazed Unit	1.48 W/m <sup>2</sup> K
48mm Triple Glazed Unit	1.11 W/m <sup>2</sup> K

*CEN Standard is based on a single and double track configuration. For further U value calculations please contact our technical department*

## Security

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

## Environmental

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Senior Architectural Systems is fully compliant with BS EN ISO 9001, BS EN ISO 14001 and OHSAS 18001 standards.

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 national team of architectural advisors for advice on product suitability, calculations and NBS or bespoke specifications.**