

# PURe® SLIDE Inline Sliding Window System

## Technical Datasheet

### Scope

The PURe® SLIDE Inline Sliding window has been designed to meet current and future building regulations, with impressive thermal performance. PURe® is an evolved generation of aluminium window systems manufactured in the UK. It combines the long life and low maintenance of powder coated aluminium with a patented high insulation PUR foam thermal barrier. PURe® SLIDE Inline Sliding windows are capable of accepting glazing up to 52mm 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

PURe® SLIDE Inline Sliding window sections are available typically in two finishes.

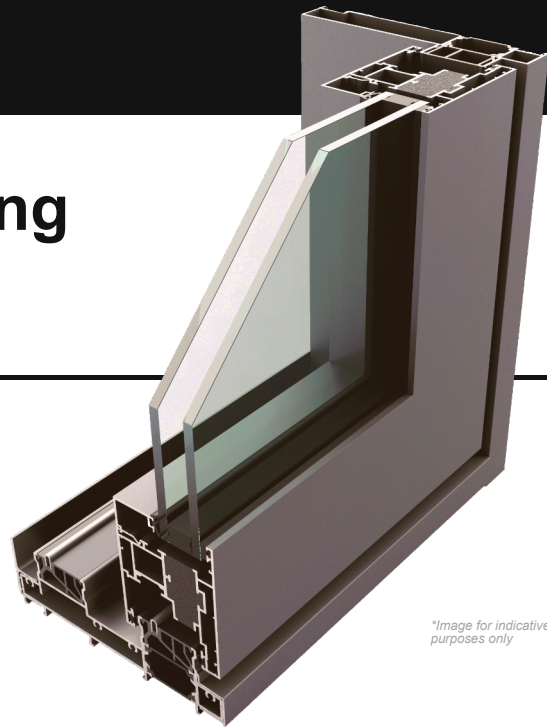
- Polyester Powder Coating to BS EN 12206-1 Part 1 painted in house. Surface finish to a minimum of 40 microns standard, or enhanced to suit project requirements, in accordance with ISO 9001, ISO 14001 and ISO 45001.
- Anodised finishes are to BS3897 to a minimum of 25 microns (AA25), supplied in either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

### Construction

PURe® is constructed using mitred corners, joined with crimped cleats; alignment chevrons assist in clean, accurate mitres. Integral transoms and mullions are scribed around the outer frames and fixed with either screwports or shearblocks. 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

SLIDE Inline Sliding

Size ranges may vary. Speak to us to discuss your project specifics.

### Average U-values

Residential CEN standard (Double Glazed)

Residential CEN standard (Triple Glazed)

Commercial CEN standard (Double Glazed)

Commercial CEN standard (Triple Glazed)

U-values are calculated on a project specific basis. Please contact your Technical Sales Manager or Architectural Advisor for more information.

### Glazing

Thickness

28mm - 52mm

### Testing

Security

PAS24 & SBD

BS6375 -1

Air Permeability 600Pa

Water Tightness 300Pa

Wind Resistance 1200Pa

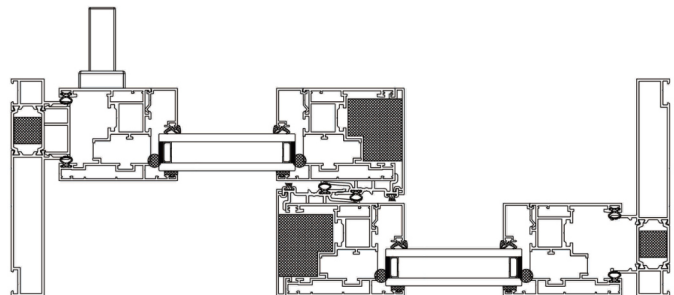
BS6375 - 2

✓

BS6375 - 3

✓

*Test certifications available upon request.*



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Official Police Security Initiative



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