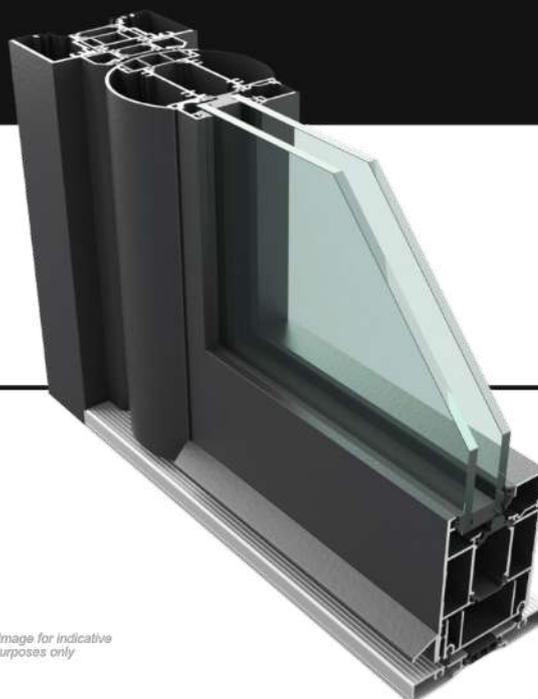




# SPD 150 High Usage Non-Rebated Door System

## Technical Datasheet



*\*Image for indicative purposes only*

### Scope

The SPD150 system is designed as a high usage, non-rebated door and framing solution capable of being manufactured as single and double doors, including emergency door types and utilising low thresholds and a variety of options such as radius anti-finger trap stiles. It is a thermally broken polyamide system, capable of accepting glazing up to 48mm thickness.

### 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 PA66 GF.25 and Senior Architectural Systems Polyurethane.
- The Gasketry is generally manufactured in accordance with BS ISO 3302-1.
- The fixings are generally A2 Stainless Steel screws.

### Finishes

SPD150 framing sections are available typically in three 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.
- Mill Finish.

### Construction

SPD150 is constructed with square cut components, mechanically jointed using self tapping screws into special shearblocks. A proprietary sealant is used on all metal joints in line with good practice.

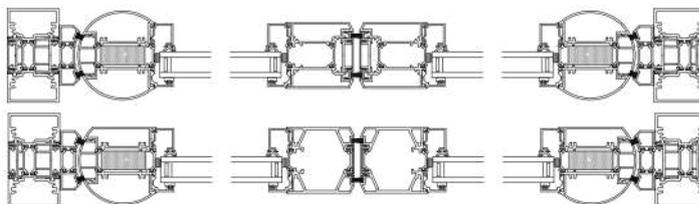
### Environmental

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.

Typical Sizes	
<b>Standard Locking</b>	
Max door leaf width	1250mm
Max door leaf height	2600mm
Max weight per door leaf	110kg & 150kg
<b>Electric Locking</b>	
Max door leaf width	1250mm
Max door leaf height	2600mm
Max weight per door leaf	110kg & 150kg
<b>Push Panic Exit</b>	
Max door leaf width	1250mm
Max door leaf height	2600mm
Max weight per door leaf	110kg & 150kg
<b>*Average U-values</b>	
<b>Single Door</b>	
CEN standard (Double Glazed)	1.6 W/m <sup>2</sup> K
CEN standard (Triple Glazed)	1.3 W/m <sup>2</sup> K
<b>Double Door</b>	
CEN standard (Double Glazed)	1.6 W/m <sup>2</sup> K
CEN standard (Triple Glazed)	1.3 W/m <sup>2</sup> K
<b>Glazing</b>	
Thickness	28mm - 48mm
<b>Testing</b>	
Security	PAS24
**BS6375 - 1	✓
BS6375 - 2	✓

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

*Test certifications available upon request.*



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