

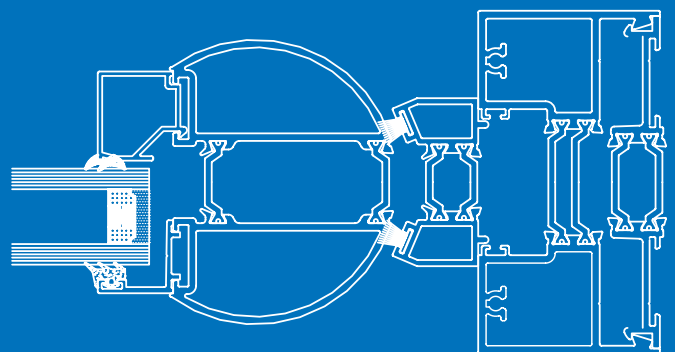
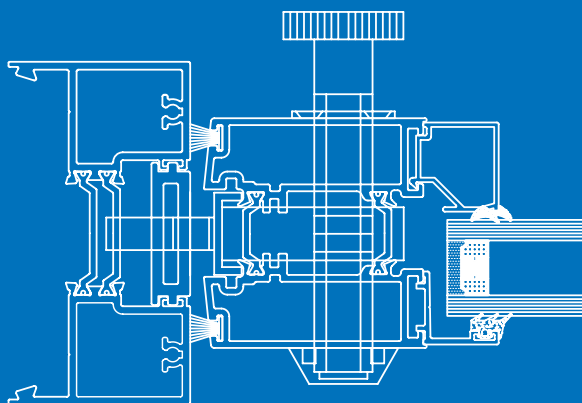


smart
architectural aluminium

Smart Wall

Smart Wall is a thermal shop front screen and door system suitable for all types of ground floor treatment where enhanced thermal performance is required. The system is ideal for use in schools, colleges and other educational buildings.

- U Value 1.8 W/m²K
- LPS 1175 Level 2
Enhanced Security Performance
- ENV 1627 Level 3
Enhanced Security Performance



Smart Wall

Smart Wall has recently been successfully tested to LPS 1175 level 2 and BS ENV 1627 Level 3 for enhanced security performance making the door one of the best performing fully thermally broken screen and entrance doors available in the UK. Screen work is either beaded or pocket glazed with anti-finger trap door sections and drainable low thresholds. All profiles feature polyamide barriers to maximise thermal performance and can be internally or externally glazed. Unlike non-thermal alternatives, Smart Wall is available in dual colour from an extensive range of standard and non-standard finishes. Smart Wall complies with the latest requirements of Document L for thermal transmittance.

Features

- Swing, hinged & automatic commercial entrance doors and ground floor treatment

Application

- Thermally Broken, Heavy Duty Doors & Screens
- 30kg Dynamic Impact Test
- 6kN Static Test Load
- Security Grade 6 Locking Mechanism
- Locking Bolt withstands 10kN Side Load
- Polyamide thermal break
- Achieves U value 1.8W/m²K
- Internally Beaded Sash
- Anti-Finger Trap
- Thermally Broken Low Threshold

Finish

Polyester powder coat to marine quality as standard

Technical Performance

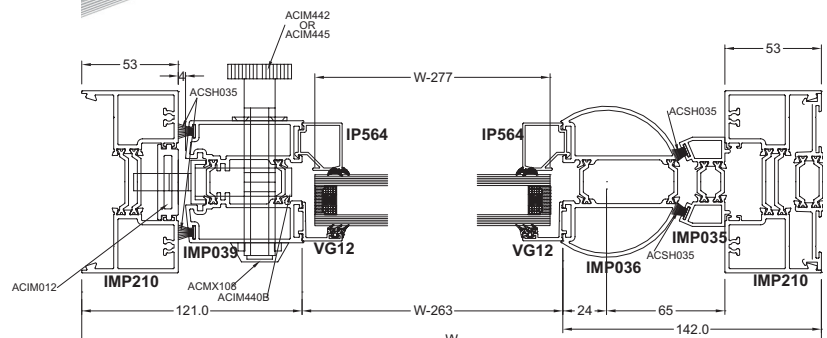
U Value	1.8 W/m ² K
Air	Test Result Pending
Water	Test Result Pending
Wind	Test Result Pending
Doc L 2010	Yes

Dimensions

Frame Width	53mm
Frame Depth	100mm
Max sash size	2500mm
Max sash width	1150mm
Max sash weight	80kg
Glass	24-32mm double or triple glazed sealed units

Test Certification

LPS 1175 Level 2 Enhanced Security Performance
ENV 1627 Level 3 Enhanced Security Performance



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