

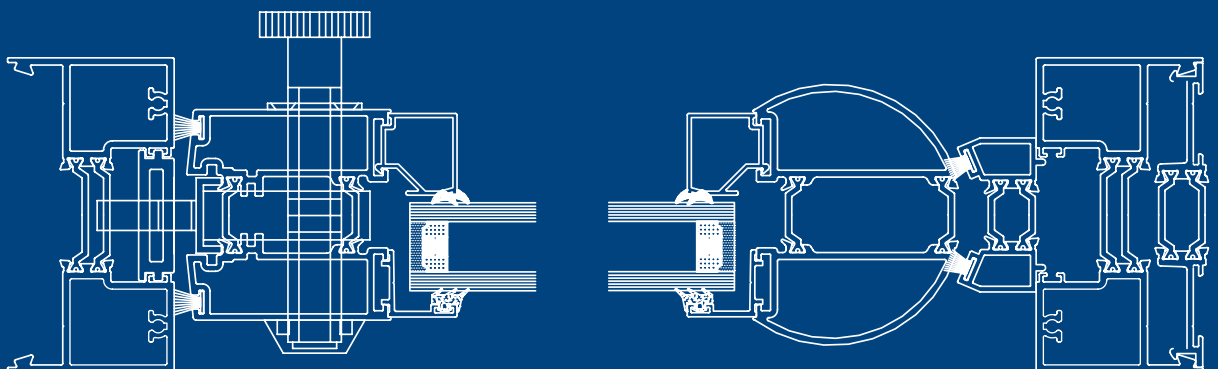


smart
architectural aluminium

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 for Smart Wall Doors
- U Value 1.4W/m²K for Smart Wall Screens
- LPS 1175 Level 2; Enhanced Security Performance
- BS EN 1627 Level 3; Enhanced Security Performance
- BS 6375 Part 1: 2009 Weather rated, anti-finger trap doors
- PAS 24:2012 Security rated doors



Smart Wall

Smart Wall has recently been successfully tested to LPS 1175 level 2 and BS EN 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. Smart Wall doors are weather rated to BS 6375 and are available 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.



Application

- Thermally broken, heavy duty doors & screens
- 30kg Dynamic impact test
- 6kN Static load test
- 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

Features

- Swing, hinged & automatic commercial entrance doors and ground floor treatment
- Fully rebated swing door with anti-finger trap

Finish

Polyester powder coat to marine quality as standard

Technical Performance

U Value 1.8 W/m²K for Smart Wall Doors
U Value 1.4W/m²K for Smart Wall Screens

	Rebated Door	Screen Work
Air	Class 2, 300pPa	Class 4, 600Pa
Water	Class 7a, 150Pa	Class 9a, 600Pa
Wind	Class A5, 2000Pa	Class A4, 1600Pa

Document L Compliant

Dimensions

Frame Width	53mm
Frame Depth	100mm
Max Sash Height	2500mm
Max Sash Width	1150mm
Max Sash Weight	80kg

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IMS130SMW.201410

Glass

24-32mm double or triple glazed sealed units

Test Certification

LPS 1175 Level 2 Enhanced Security Performance

BS EN 1627 Level 3 Enhanced Security Performance

PAS 24: 2012 Security Performance

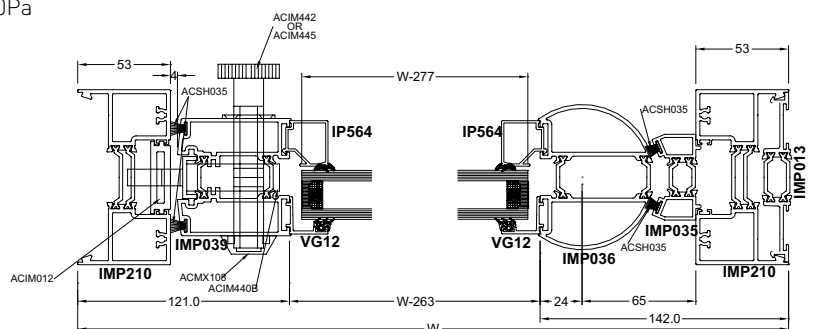
BS 6375 Part 1: 2009 Weather Performance



Rebated Door



Screen Work



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