

Lagan - Internal

Specification

- Available in a range of handings
- Available in a range of configurations, overhead panels and side panels
- Available with a range of frame profiles and frame fixing options
- Available with a range of hardware
- Available with a range of vision panels including single, double and triple glazed with a variety of window beading styles
- Available with a range of Acoustic upgrades
- Available in galvanised steel or stainless steel construction



Standards

- BSEN 14351-1: 2006 + A1

Applications



Government buildings



Industrial units



Leisure



Public facilities



Transport hubs



Power generation



Healthcare



Education



Utilities



Museums and art

Technical Data

- Typical insulation value: High density mineral wool core 3.1 - 4.8 W/m²k depending on hardware and glazing options
- Typical insulation value: Pre-expanded, small cell honeycomb core 3.7 - 4.6 W/m²k depending on hardware and glazing options

Standard Leaf Construction

- SMARTform Technology featuring a continuous 'deep pocket' 4 sided interlocking edge lock seam for superior strength and durability
- The core is insulated and sound deadened with pre-expanded, small cell honeycomb core material and laminated under heat and pressure to the face skins
- Two skins of 1.2mm (18 ga.) thick steel Galvatite ZF 'Galvaneal' to EN 10142: 2000
- 44mm thick door leaf with no face seams
- Doors are complete with heavy-duty hardware reinforcements
- Door edges are bevelled for ease of operation and close fit
- Doors are mortised, reinforced, drilled and tapped for three template drilled dog bolt hinges.
- A fully flush integral astragal is folded into the leading edge of one leaf to increase security and reduce the chance of water ingress

Standard Frame Construction

- Powershield bespoke frame adjuster system which provides enhanced security, ease of installation and a solid fixing
- Manufactured from 1.5mm (16 ga.) thick steel Galvatite ZF 'Galvaneal' to EN 10142: 2000
- Supplied in either knock down for easy site assembly or fully welded smooth finish
- Frames are mortised, reinforced, drilled and tapped for hinges and strikes
- Frames are provided with a minimum of four fixings per jamb. Fixing holes are covered with either polymer cover caps or metal flush discs
- Corners have integral reinforcements for solid and easy fixing of jambs and head