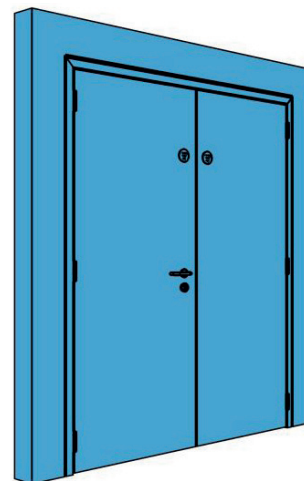


Carlingford - PAS 24

Specification

- Single, double and leaf and a half configurations
- Inward and outward opening
- Available with a range of vision panels including single, double and triple glazed with a variety of window beading styles
- Security louvre tested to PAS 24
- Single rebate or double rebate frame profiles with a variety of frame fixing options
- On double doors, 2 lever action flush bolts are required and located within the leading edge of the inactive door leaf
- All hardware is factory fitted unless otherwise stated
- The use of ASSA ABLOY tested hardware is essential for continued compliance with the tested standard



Standards

- PAS 23-1: 1999
- PAS 24: 2007
- BS 6375-1: 2009
- Upgradable to FD30(S) - FD240(S) in accordance with BS 476 Part 22: 1987
- Upgradable to E30 - E240 in accordance with EN 1634-1: 2008
- Most standard configurations are available as Certifire compliant and are therefore regularly audited and approved by third party to ensure continued conformity
- Upgradable to BSEN ISO 140 Pt 3
- BSEN 14351-1: 2006 + A1 2010

Applications



Government buildings



Industrial units



Leisure



Public facilities



Transport hubs



Power generation



Healthcare



Education



Utilities



Museums and art

Technical Data

- Typical insulation value: Pre-expanded, small cell honeycomb core 3.7 - 4.6 W/m²k depending on hardware and glazing options
- Typical insulation value: High density mineral wool core 3.1 - 4.8 W/m²k depending on hardware and glazing options
- Stainless steel dog bolt hinges to increase resistance to attack

Standard Leaf Construction

- Two skins of 1.5mm (16 ga.) thick steel Galvatite ZF 'Galvaneal' to EN 10142: 2000
- 44mm thick door leaf with no face seams
- 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
- Doors are complete with lock and hardware reinforcements engineered to give high performance throughout the life of the door
- Face skins are connected by a continuous 'deep pocket' 2 sided interlocking edge lock seam for superior strength and durability
- 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 durable and permanent 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