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NBS L20/540

FOLDING DOOR

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APPENDIX 15A

FORTRESS PRIDO INSULATED FOLDING DOOR

Product Reference	Fortress Prido Industrial Sectional Manual Folding Door.
Description	A double-skinned thermally insulated aluminium panelled door designed for reducing building energy consumption.
Application	Recommended for factories/ warehouses/ garages.
Size	Maximum dimensions up to 4000mm x 4000mm. Last revision January 2017. Please consult Fortress SEFA for advice.
Performance	Acoustic performance: Weighted Level Difference D_w value 25dB. Thermal Performance: Insulated panel material U Value 1.1 W/m ² K or whole door assembly 2.25 W/m ² K EN 12425: Water Ingress Class 3 @ 150pa CE-marked: Product Standard BS EN 13241-1 2003 + A1:2011. BS EN 12604 Industrial, commercial and garage doors and gates. Mechanical aspects - Requirements. BS EN 12453 Industrial, commercial and garage doors and gates. Safety in use of power operated doors - Requirements. BS EN 12424 Industrial, commercial and garage doors and gates. Resistance to wind load: BSEN 12424:2000, Classification 5 at 4000W x 4000h Manufacturer's Declaration of Conformity in accordance with the Construction Products Directive 2013. Manufacturer's Declaration of Incorporation in accordance with the Machinery Directive 98/37/EC.
Arrangement	Heavy duty horizontal track system.
Panels	Aluminium insulated panels 1000mm x 50mm. Door [panels can be solid or include vision panels (Maximum of 1 vision panel per linear metre width up to a maximum of 2 per panel), 50mm insulated CFC-free rigid polyurethane foam, density 40kg/m ³ . Panels have a U value of 1.1 W/m ² K and are completed with pre drilled galvanised steel end caps. EPDM 2mm thick weather proof seals to top and side reveals.
Tracks	All components fully galvanised with galvanised fixings. Horizontal 5mm tracks with heavy duty fixing angles. EPDM 2mm thick Side Seals.
Hardware	All components fully galvanised. Doors supplied with adjustable side hinges complete with carriers, intermediate hinges, nylon and steel rollers.
Finish	Door panels can be coated in either a polyester or plastisol finish to outer skin only.
Manual Operation	Push/pull open & close.

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OPTIONAL EXTRAS

Accessories

Wicket gate - standard size 800mm x 2000mm, complete with lock, handles and safety locking system.
Glazing panels 480w x 862h double glazed argon filled units
Spring load locking shoot bolts
Keyed shoot bolts

Panel Options

Solid or glazed window panels.

Finishes

Door curtain and guides can be supplied BS EN 12206-1 DuPont® polyester powder coated (PPC) to the Fortress Pro-Tec range of 29 BS and RAL colours. Matt PPC finishes only. All finishes are applied in-house using an electrostatic process. Under normal circumstances average film thickness of 60-80µm (microns) is applied. Non-standard colours are available on request - this may increase lead times. Please consult Fortress SEFA for advice.

Standard DuPont® Colour Range

RAL 9006, RAL 5009, RAL 3009, RAL 8017, RAL 6003, RAL 7024, RAL 7016, RAL 9005, RAL 7044, RAL 9010, RAL 9007.

Services

Fortress SEFA provides a full technical advice service.
NBS Specifications.
RIBA CPD.

Manufacturer

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