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**NBS L20/540**

**FOLDING DOOR**

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**APPENDIX 15A**

**FORTRESS PRIDO INSULATED FOLDING DOOR**

<b>Product Reference</b>	Fortress Prido Industrial Sectional Manual Folding Door.
<b>Description</b>	A double-skinned thermally insulated aluminium panelled door designed for reducing building energy consumption.
<b>Application</b>	Recommended for factories/ warehouses/ garages.
<b>Size</b>	Maximum dimensions up to 7575mm x 6000mm. Last revision June 20. Please consult Fortress SEFA for advice.
<b>Performance</b>	Acoustic performance: Weighted Level Difference $D_w$ value 25dB. Thermal Performance: Insulated panel material U Value 1.1 W/m <sup>2</sup> K or whole door assembly 2.25 W/m <sup>2</sup> 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 7575w x 6000h 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.
<b>Arrangement</b>	Heavy duty horizontal track system.
<b>Panels</b>	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 <sup>3</sup> . Panels have a U value of 1.1 W/m <sup>2</sup> K and are completed with pre drilled galvanised steel end caps. EPDM 2mm thick weather proof seals to top and side reveals.
<b>Tracks</b>	All components fully galvanised with galvanised fixings. Horizontal 5mm tracks with heavy duty fixing angles. EPDM 2mm thick Side Seals.
<b>Hardware</b>	All components fully galvanised. Doors supplied with adjustable side hinges complete with carriers, intermediate hinges, nylon and steel rollers.
<b>Finish</b>	Door panels can be coated in either a polyester or plastisol finish to outer skin only.
<b>Manual Operation</b>	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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