

Head Office:

06 Trench Road, Hyde Park Industrial Estate
Newtownabbey, Belfast, BT36 4TY

T +44 (0)28 9034 2655
F +44 (0)28 9034 2651

sales@fortress-sefa.com
www.fortress-sefa.com

NBS L20/610

SECURITY METAL DOORSET Version 06/Jan 2016/Page 1 of 1

APPENDIX 06G

FORTRESS SDS STEEL DOORSET LPS1175 SR4

Product Reference

Fortress BBS4 Single Steel Security Door set LPS1175 SR4

Description

A steel door set with an all metal construction certified to security rating SR4 by LPCB.

Application

Enhanced range of steel security doors are suitable for sites deemed to be within medium to high risk applications.

Size

Structural opening size: Standard 1000mm x 2100mm or 1125mm x 2100mm
Frame size: 990mm x 2095mm or 1115mm x 2095mm
Door leaf size: 884mm x 2039mm or 1009mm x 2039mm

Performance

Insulation Material Thermal performance: U-value 0.363 W/m²K
Door Assembly Thermal performance: Max U-value 2.2 W/m²K when insulated.
Security Rating: LPS 1175 SR4
Acoustic performance: Up to Weighted Level Difference D_w value 22dB.
Air permeability: 3.0m³/hr/m²
Fire performance: 4-hour fire resistance BS 476: Part 22 (1987).
BS EN 12206-1 (2004) Application of architectural powder coating.
BS EN 1634-3 (2004) Fire resistance testing: Smoke control seals (where required in door schedule).

Door Leaf

Two skins of 3mm & 1.2mm steel sheet welded to form a 55mm thick door leaf, stiffened & reinforced to achieve SR4.
Lock sealed with reinforced epoxy resin, high viscosity, thixotropic sealant along the hinge and lock edges for additional rigidity.
Door is blanked, reinforced, drilled and tapped for mortised, templated hardware. Door reinforced, for surface mounted hardware.

Frame

120mm deep one-piece welded frame with 14mm rise threshold & anti-jemmy interlocks (patent protected) as standard.

Hardware

Fortress MICO or Surelock McGill surface mounted hardware. Contact our technical office to discuss your specific entry/exit requirements.

Options

Over panels (solid)
Side panels (solid)

Accessories

Fortress MICO Panic bolt.
Fortress MICO Panic latch.
Fortress Door closer.
Fortress MICO Sash lock, Lever handle, Escutcheons & Double Euro Cylinder
Fortress Pull Handles.
Fortress Kick/push plates.
Fortress Friction stays.
Weather seal. Smoke seal. Acoustic Seal
Door Viewer

Standard DuPont® Colour Range

BS 00A05; BS 08B29; BS 04E53; BS 12B27; BS 18B25; BS 18E53; RAL 1015;
RAL 1021; RAL 3005; RAL 3020; RAL 5003; RAL 5005; RAL 5010; RAL 5013;
RAL 5015; RAL 6005; RAL 6029; RAL 7016; RAL 7021; RAL 7031; RAL 7035;
RAL 7037; RAL 8016; RAL 9001; RAL 9005 (BLACK); RAL 9006 (SILVER);
RAL 9007; RAL 9010 (WHITE); RAL 9910.

Services

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

Manufacturer

Fortress Pro-Tec Ltd. 120 Old Coach Road, Templepatrick, Ballyclare, County Antrim, BT39 0HA.
Tel: +44 (0)28 9443 3693. Fax: +44 (0)28 9034 2651.
Email: info@fortress-sefa.com Web: www.fortress-sefa.com

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