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**NBS L20/480**

**METAL DOORSETS**

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**APPENDIX 06e**

**FORTRESS SDS10 & SDS11 STEEL FULLY LOUVRED  
DOORSET**

<b>Product Reference</b>	Fortress Single Steel Fully Louvred Door set.
<b>Description</b>	Flush single steel door set with a fully louvred metal construction designed for general purpose industrial and commercial applications.
<b>Size</b>	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
<b>Performance</b>	Insulation Material Thermal performance: U-value N/A Door Assembly Thermal performance: Max U-value N/A. Acoustic performance: Up to Weighted Level Difference $D_w$ value N/A. Air flow: 50% Fire performance: N/A. Security rating EN1627 2011: RC level 1 or 2 & SBD. 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).
<b>Door Leaf</b>	50x50 angled frame 5mm thick with 2.5mm steel louvre blades welded internally. Door is blanked, reinforced, drilled and tapped for mortised, templated hardware. Door reinforced, where required, for surface mounted hardware.
<b>Frame</b>	100 x 50 6mm thick RHS frame fully welded for additional strength and rigidity. Strike and hinge jambs can be adjusted in length to suit finished floor levels.
<b>Threshold</b>	100mm x 10mm flat plate threshold provides additional strength to the frame.
<b>Hardware</b>	Door leaves are hung with 3 No. 100mm stainless steel hinges. For added security an internal dog bolt security pin hinge can be supplied which prevents the door from being removed from the opening by forced entry. High-frequency hinge reinforcement with a return bend for additional strength. As standard, doors are provided with Fortress hardware solution for architectural ease.
<b>Finish</b>	Door leaf and frame are supplied BS EN 12206-1 polyester power coated (PPC) to the Fortress Pro-tec range of 29 BS and RAL colours from DuPont®. 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. Poly Zinc Marine grade PPC available upon request.
<b>Options</b>	Over panels (Solid, Glazed or Louvred). Side panels (Solid, Glazed, Louvred). Mullions. Transoms. Sills. Weather Bars
<b>Accessories</b>	Fortress Panic bolt. Fortress Panic latch. Fortress Door closer. Fortress Sash lock, Lever handle, Escutcheons & Double Euro Cylinder Fortress Deadlock, Escutcheons & Double Euro Cylinder Fortress Night Latch, Lever handle, Escutcheon and Half Cylinder Fortress Pull Handles. Fortress Kick/push plates. Fortress Friction stays. Weather seal. Smoke seal. Acoustic Seal

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**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**

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