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**NBS L20/480**

**LOUVRES**

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**APPENDIX 50**

**FORTRESS STEEL FULLY LOUVRED SR3 MODULAR LOUVRE BANK**

<b>Product Reference</b>	Fortress Steel Fully Louvred SR3 Modular Louvre Bank.
<b>Description</b>	Fully louvred metal construction modular louvre bank, designed for high security industrial and commercial applications.
<b>Size</b>	Structural opening size: Within Standard 1000mm x 1000mm modular size. Any variation outside this scope please contact Fortress technical for advice.
<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. Free Area: Standard 50% but up to 61% dependent on overall size. (Note : 27% airflow reduction with woven insect mesh) Fire performance: N/A. Security rating : Up to LPS1175 SR3. BS EN 12206-1 (2004) Application of architectural powder coating.
<b>Frame</b>	Minimum 25 x 50 SHS sub-frame, welded for additional strength and rigidity onto which a 3mm anti-drill resistant perforated sheet of hardened steel is welded. This creates a rigid sub-frame platform core to which a 50x50 RSA welded mild steel frame housing the louvre blades is fixed.
<b>Louvre Blades</b>	Minimum 1.2mm steel.
<b>Fixings</b>	Minimum of M8
<b>Finish</b>	Frame & blades 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>Standard DuPont® Colour Range</b>	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.
<b>Services</b>	Fortress SEFA provides a full technical advice service. NBS Specifications. RIBA CPD.
<b>Manufacturer</b>	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