



Technical Specification / Data Sheet

Product: LBS Insuguard

Supplier

LBS Group, Unit 6, Sterling Trading Estate, Rainham Road South, Dagenham, Essex RM10 8TX
T: 020 8517 6655 F: 020 8984 0378 E: sales@lbsgroup.co.uk W: www.lbsgroup.co.uk

Application

A rolling shutter comprising 95mm double skin galvanised steel interlocking laths with PU Insulation core and rubber bottom seal fitted to bottom lath
Designed to provide physical protection of industrial units & loading bays, whilst supporting the thermal performance of the building

Size

Maximum recommended dimensions for single shutter 8000mm wide / 6000mm high

Performance

CE-marked 01 May 2005

BS EN 12604 (2000) Mechanical aspects – Requirements

BS EN 12453 (2001) Safety in use of power operated doors – Requirements

BS EN 12424 (2000) Resistance to wind load: Class 5

BS EN 12206-1 (2004) Application of architectural powder coating

Air Permeability measured at 1.95 m³.h-1.m-2 @ 50pa.

Thermally tested over the fully assembled curtain to 3.3w/m²k

Acoustic reduction of 22dB

Manufacturer's Declaration of Conformity in accordance with the Construction Products Directive 89/106/EEC

Manufacturer's Declaration of Incorporation in accordance with the Machinery Directive 98/37/EC

Arrangement

Vertical roller curtain for face / reveal fixing

Barrel

102 x 1.6mm / 125mm x 1.6mm / 168mm x 5mm mild steel tube finished with one coat rust inhibitive primer

End Plates

4mm / 6mm mild steel plates (depending on curtain size / weight) finished with one coat rust inhibitive primer

Guides

83x90mm roll formed guide manufactured from 2.5mm galvanised steel with snap-on PVC & mohair brush strips

Casing / fascia

1.2mm galvanised steel coil casings and fascia panels to be provided as required

Finish

Standard colours as follows (others available at an extra cost)

White RAL 9003 / Goosewing Grey RAL 7038 / Silver RAL 9006 / Dark Grey RAL 7011 / Merlin Grey BS18B25 / Anthracite Grey RAL 7016 / Black RAL 9005

Moorland Green BS12B21 / Olive Green RAL 6003 / Dark Green RAL 6009 / Juniper Green BS12 B29 / Chili Red RAL 3000 / Van Dyke Brown 8014

Solent Blue BS18 E53 / Sargasso Blue RAL 5003

Operation

LBS Drive System 415v 3-phase direct drive or flange-mounted operator with safety brake and manual operation via removal endless hand-chain.

Surface mounted push button control providing impulse opening – Continuous pressure (DEADMAN) closing

Impulse closing with Low level obstruction protection to BS EN12453:2001

Locking

Via motor

Options

Areas of vision may be provided by punched slots infilled with polycarbonate windows 170x45mm at 230mm or 350mm centres

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