



Technical Specification / Data Sheet

Product: LBS Portcullis ShopGrille

Supplier

LBS Group, Unit 6, Sterling Trading Estate, Rainham Road South, Dagenham, Essex RM10 8TX
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Application

A rolling grille comprising mill finish aluminium tubes and links arranged on galvanised steel rods in a BRICKBOND pattern (options for in-line)
Designed to provide physical protection of shopfronts whilst maintaining up to 80% vision

Size

Maximum recommended dimensions for single shutter 7000mm wide / 4000mm 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 12206-1 (2004) Application of architectural powder coating
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 or 125mm x 1.6mm (depending on size) mild steel tube finished with one coat rust inhibitive primer
and 80/90 UTS helical steel counterbalance springs for manual self-coiling push-up operation
Shutters over doorways will be provided with two springs which will be used as a safety device in the event of a spring failure

End Plates

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

Curtain

178x50mm spacing on our medium duty grille. 230x75mm spacing on our heavy-duty option for wider openings
Laterally restrained at the end of each rod with caps, with pre-formed bottom rail

Guides

50 or 60x32x3mm purpose made steel channels, mounted on 50x50x3mm mild steel angles for face fixed applications

Casing / fascia

1.2mm galvanised steel coil casings to be provided as required

Finish

Standard self-finish with guides and head-plates factory primed
These can be supplied with polyester powder coat stock RAL or BS colour

Operation

Manual self-coiling push-up operation
LBS Drive System 240v single phase in-barrel operator with manual operation for doorway shutters via removal hand-crank
Controlled by surface mounted rocker switch or surface mounted key switch

Locking

Key operated espagnolette lock fitted to bottom rail as standard on manual shutters
Electrically operated shutters will be locked via motor with the option for additional locking via espagnolette lock

Options

Radio receiver with fob transmitter(s)
Group command to activate up to 6 curtains from single switch / alarm signal
Battery back-up to operate shutter in the event of power failure
Padlockable ground bolts

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