



## Technical Specification / Data Sheet

### Product: LBS Portcullis Car Park Grille

#### 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 ( 230mm x 75mm ) complete with solid galvanised steel lath pre-formed bottom rail. Designed to provide physical protection, high ventilation, and high levels of operation to multi use car park areas

#### Size

Maximum recommended dimensions for single shutter 7000mm wide / 4500mm 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  
Achieving approximately 85% free air  
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 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

50 x 32 x 3mm or 100mm x 32 x 3mm purpose made steel channels, mounted on 50 x 50 x 3mm mild steel angles for face fixed applications

#### Casing / fascia

1.2mm galvanised steel coil casings and fascia panels 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

415v 3-phase direct drive with built in safety brake  
Manual override operation via endless hand-chain.  
Control panel with surface mounted push button control providing impulse opening/closing  
Low level obstruction protection to BS EN 12453:2001  
2no high level safety beams to prevent persons riding on curtain.

#### Locking

Via motor

#### Finish / Control options

Polyester powder coat stock RAL or BS colour – (Marine quality available)  
**LBS ProPark** Honeycomb grille offering high ventilation, noise reduction systems, and anti-lift devices  
Radio receiver with fob transmitter(s)  
Induction loops  
Radar  
Via client's access control system

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