



LPS1175 SR1 HEAVY DUTY STEEL SHUTTER

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LPSSHUT-1



PRODUCT DESCRIPTION

UK Shutters offers a wide range of security shutters that provide a high level of security to the openings of any premises. The shutters come with a distinct security rating accreditation including SBD (Secured by Design) or LPS 1175 security rated levels 1-4.

Our steel shutters go up to level 4 whilst our aluminium versions will reach level 2. Please be aware, due to the nature of these shutters, they must be installed using certain fixings and must be installed in very specific ways in order to achieve the "LPS1175" security rating.

The LPS 1175 test stipulates the allowable toolset and minimum time at each security rating level to prevent forcible entry through a building element. The test (carried out by the Building Research Establishment) measures the time to make a hole big enough to get a person through (minimum of an elliptical shape 400mm x 225mm). It must be stressed that the test is carried out by individuals who already know the product inside-out - including any "weak spots".

These ratings will generally be rated SR1-5. Please see below for a description of what each rating will protect you against:

SR1: Opportunist attack by bodily force using minimal tools (e.g. screwdriver, knife, pliers, etc) for 1 minute.

SR2: More determined opportunist attack with tools of a higher mechanical advantage (e.g. SR1 tools plus bolt cutters, claw hammer, drill, etc) For 3 minutes.

SR3: Deliberate forced entry of protected premises using bodily force and a selection of attack options (e.g. SR2 tools plus short axe, chisels, crowbar, gas torch, etc) for 5 minutes.

SR4: Experience attempts at forced entry with higher tool levels (e.g. SR3 tools plus felling axe, sledgehammer, steel wedges, disc grinder, jigsaw, etc) for 10 minutes.

OPTIONS AND VARIATIONS

Operation Options:

Electric - Single phase (for lower use and smaller shutters)

Electric - 3 Phase

Finishing Options:

Galvanised finish (Standard for steel)

Plastisol finish

All RAL powder coat options

LPSSHUT-1 Security Shutter

Applications

High security commercial sites & shopfront applications, up to 50m+. The steel perforated LPSSHUT-1 has been tested by the Loss Prevention Certification Board, and awarded 5 secured by design status. The shutter is tested to BS1173 (7.0), and is designed to resist 100kg of force applied to the shutter. It is suitable for use in all climates, and is available in a range of finishes. CE marked to harmonised product standard BS EN 13241-1:2003.

Finish

All shutters are galvannead finish as standard, polyester powder-coated to any RAL / BS colour on request.

Locking mechanisms

The LPSSHUT-1 incorporates a bullet locking system situated 1 meter from ground level, fixed to each guide channel on all shutters, side anchors inside guide, central ground anchor on the bottom left on shutters over 3 meters wide. Lock isolator kits available to prohibit operation of the shutter while in the locked condition.

Curtain Slit

Single Slit 76mm (3") curved steel; left wall thickness 1.2mm; see-through visibility: 27%.

Visible Surfaces

76mm

Profile Height

68mm

Weight per m²

16.5kg

Maximum Width

7,000mm

Maximum Surfaces

18m² with tubular motor, or 50m² with externally mounted motor.

Housing

Manufactured from 0.9mm steel sheet, and plates fabricated from plate steel.

Shutter Height

Box Size

(up to mm)

(mm)

2500

305

4000

355

5500

400

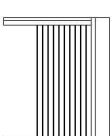
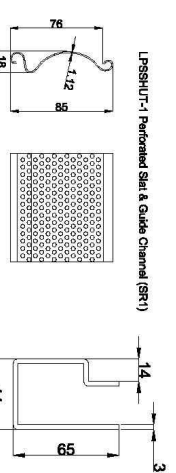
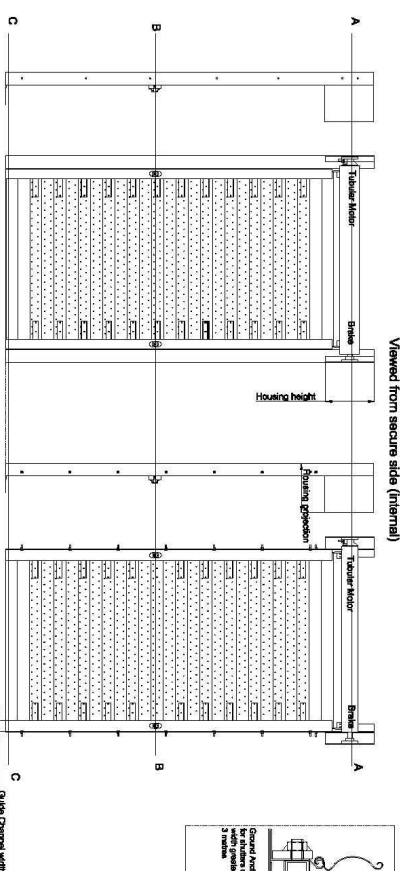
N.B. The above enclosure sizes are based on standard tube motor operation. External motor applications will require plate and enclosures sizes specific to each job.

Guide Channels / Bottom Slit

Galvannead steel section bottom rail in "T" shape. Guide channel depth is 48mm with a 68mm face. Guide channels are located onto angle for fixed installations, or to 68mm wall box section for reveal fit. See Plan drawings on this sheet.

Operation

Electric: Single-phase tubular motor or external motor in air/ingress or 3-phase with push button control. High security wired or wireless key-pad for installation on the attack face of an opening. (Only approved switches may be used on the external face of an opening). Manual override by removable handle (for tubular motors), hand chain (for externally mounted motors).



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