

Terror Screen Security Roller Shutter compliant to LPS1175 SR3 : Issue 7 optional fire resistance to 4 hours

242

Issue: 2

Compliance Testing to LPS 1175 SR3 Issue 7 in 2016 with full third party certification from BRE/LPC (British research establishment). Testing has progressively become more aggressive over time and earlier testing to lower issue numbers would not be likely be compliant to issue 7.

Fire compliance option: certified to BS 476: part22 up to 4 hours.

Size range of sizes required extending from .9m wide 9000.m wide.

Construction:

Roller shutter door electrically operated utilising a steel twin skin door curtain of twin interlocking optionally insulated roller shutter section. The construction of the door curtain is 35Kg's per square meter and it runs within side guides of fabricated steel.

Finishes:

Optional plastisol coating on the laths and optional powder coating of guides and bottom rail and any other associated parts

Bottom lath:

The door curtain is finished at floor level with a structural bottom beam fabricated from steel and aluminium sections and optionally finished by rubber seal. Available up to 9m without need for locking at the centre of the rail.

Motor:

Depending on door size the motor drive is constructed using either Safedrive direct drive or via chain drive and reduction gearing supported via a safety brake. Very large sizes may also have internal counterbalance springs to reduce operating loads and minimise the drive requirements.

Operation:

The Door can be press button operated or automatically operated. Various levels of safety can be incorporated which are obligatory if automated operation is required, including safe leading edge and or photocells movement sensors Radar, radio and so on. Controls should be mounted at least 1m from the door structure, unless additional features are added



Locking options:

1. Manually operated slip bolts on the bottom rail or pin locks on the guide, manually interlocked to the control panel to prevent accidental operation.
2. Electrically operated by press button when the door is closed
3. Fully automated.
4. Optional Monitoring and signalling of lock status.

Standards compliance:

LPS1175:SR3
And BSEN 12453:2005, BSEN 12604:2000, BSEN 12635:2002, BSEN 12978:2003.

Dimensional requirements are shown on the reverse of this data sheet.

Copyright retained on all drawings methods and engineering construction.



Speedor Super



Speedor Mini



Speedor Combi



Roller Shutter Fire and/or Security



Automatic Conveyor Door



Machine Guard Automated



High Speed Fire Resistant Conveyor



Fire Shutter to UK or US Standards



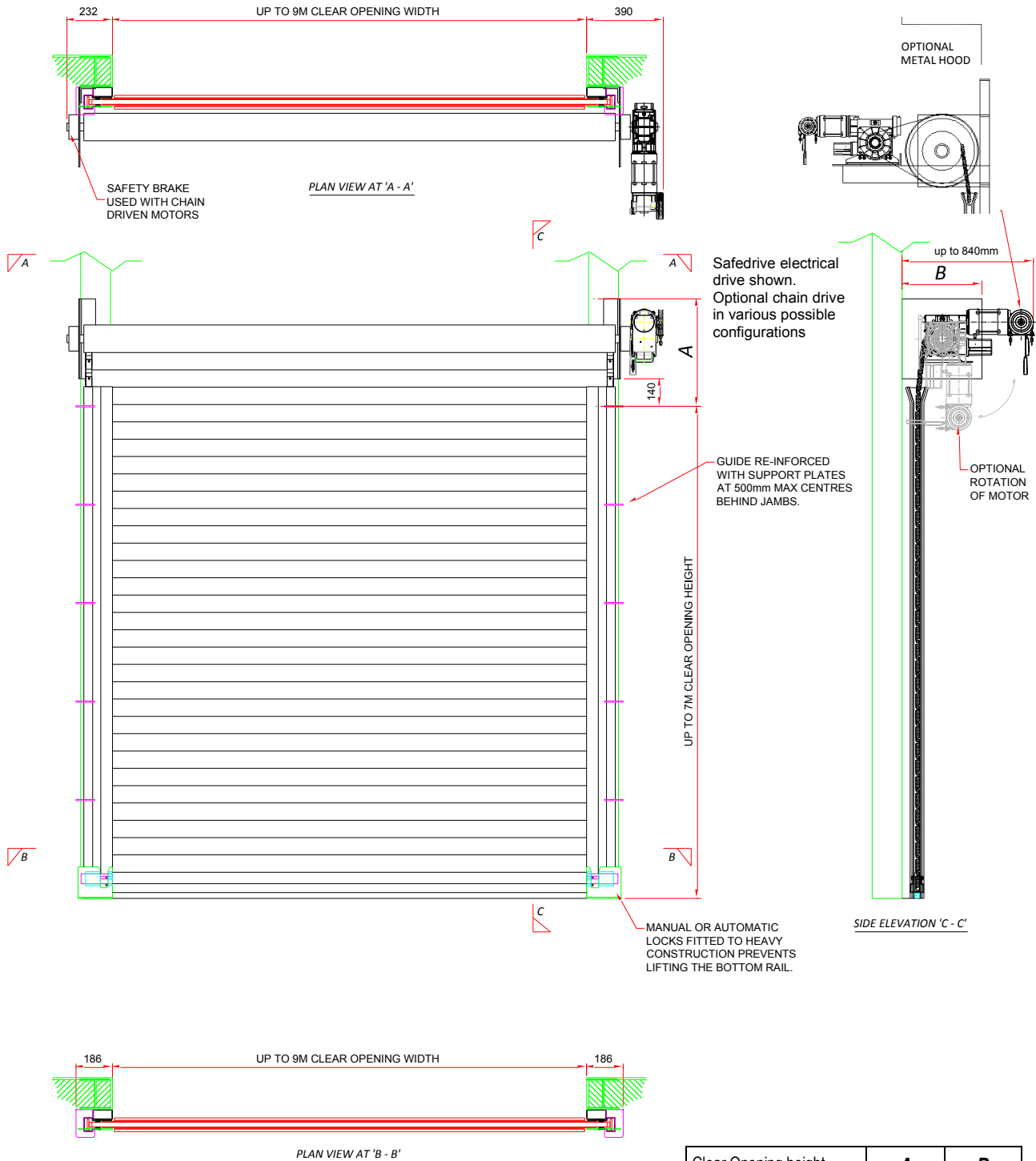
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Structural opening substrate must be suitably reinforced brickwork/concrete/steelwork as detailed in the standard LPS1175 Issue 7 Page 17. It is assumed that the substrate onto which the product is fitted provides a resistance to attack at least equivalent to that afforded by the product itself. Door mounted to internal building face.



Safedrive Sideroom above lintel
(Guide only - Refer to Hart for confirmation)

Motor side 87 Guides		Motor side 87 Guides	
Min	Max	Min	Max
333	377	168	203

Note:
Sizes are indicative only.
Please contact us direct for actual dimensions and detail required for your door size.

Clear Opening height	A	B
Up to 3m	540	400
Up to 4m	590	450
Up to 5m	640	500
Up to 6m	690	550
6m +	740	600

