

TERROR SCREEN

High Security Roller Shutter



Certified to LPS1175 SR4 Issue 7 with

Full third party certification from BRE/LPCB

Hart launches Terror Screen at UK's Counter Terror Expo

Hart Door Systems is to launch its new Terror Screen door, the security roller shutter to standard LPS 1175 SR4, Issue 7, and with full third party certification from BRE/LPCB.

"We are listed in the online Red Book directory," says HDS chairman, Doug Hart. "There are a minimal number of companies approved to Issue 7 of the required standard."

"As testing has progressively become more stringent over time this is a considerable achievement for the company."

Terror Screen is a large and heavy shutter that offers protection for up to 20 minutes against cutting, drilling, crowbars and axes due to its exceptional robustness. This allow enough time for security teams to arrive on site.

The shutter has already been installed at a number of high security locations in Britain including power distribution, nuclear facilities and so on.

Typically large external openings are risk areas so the 20 minutes attack resistance from possible intruders is a huge deterrent. Combined with CCTV,

alarms and direct links to police, this is a real deterrent against theft of very high value materials or sabotage of national infrastructure.

"We are delivering the right solution for vulnerable locations some of which have been for very large openings. Options include automatic locking providing security compliant for large or small internal/external openings up to 9m wide without central locking to bottom rail" adds Mr. Hart.



Door installed at high security nuclear facility in UK

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Tested to LPS 1175 SR4 Issue 7 in January 2014 with full third party certification by BRE/LPC. Two door sizes were tested resulting in the size range we can offer being 0.9m wide up to 9m wide. Compliance to the standard requires a minimum of 14 hours of rigorous and thorough physical testing by a team of three people. Over this time A specified list of tools were available to assist their considerable efforts to defeat the door security in every area whether identified as a potential weak spot or not. The actual testing procedure has become progressively more aggressive over time and earlier testing to lower issue numbers would not likely be compliant to Issue 7.



Construction: Roller shutter door electrically operated utilising a steel twin skin interlocking roller shutter section with internal strengthening to resist cutting.

The construction of the door is very heavy and the roller is sized as appropriate to minimise deflection and support this load.

Curtain: The door curtain is finished at floor level with a structural bottom beam fabricated from steel and aluminium sections and finished by rubber seal, available to 9m without need for locking at the centre of the rail. The door curtain runs in steel reinforced guide sections with multiple fixings extending at each side.

Finishes: Optionally Galvanised, plastisol, powder coat all visible components.

Operation: The Door can be press button operated or automatically operated. Various levels of safety can be fitted including safe leading edge and or photocells movement sensors and so on. Controls should be mounted at least 1m from the door structure.

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.

Locking: Locking can be manual with electrical override or fully automatic. Remote signalling options on lock activation can be made through mobile phones or alerts on security systems. For security purposes the engineering construction of the door is not published however our technical department will discuss specifications and individual requirements.

Standards: Door complies with BSEN 12453:2005, BSEN 12604:2000, BSEN 12635:2002, BSEN 12978:2003.

Applications

- Banks
- Military
- Government buildings
- Museums
- Nuclear facilities
- Prisons / Detention centres
- Airports
- Data centres
- Chemical industries

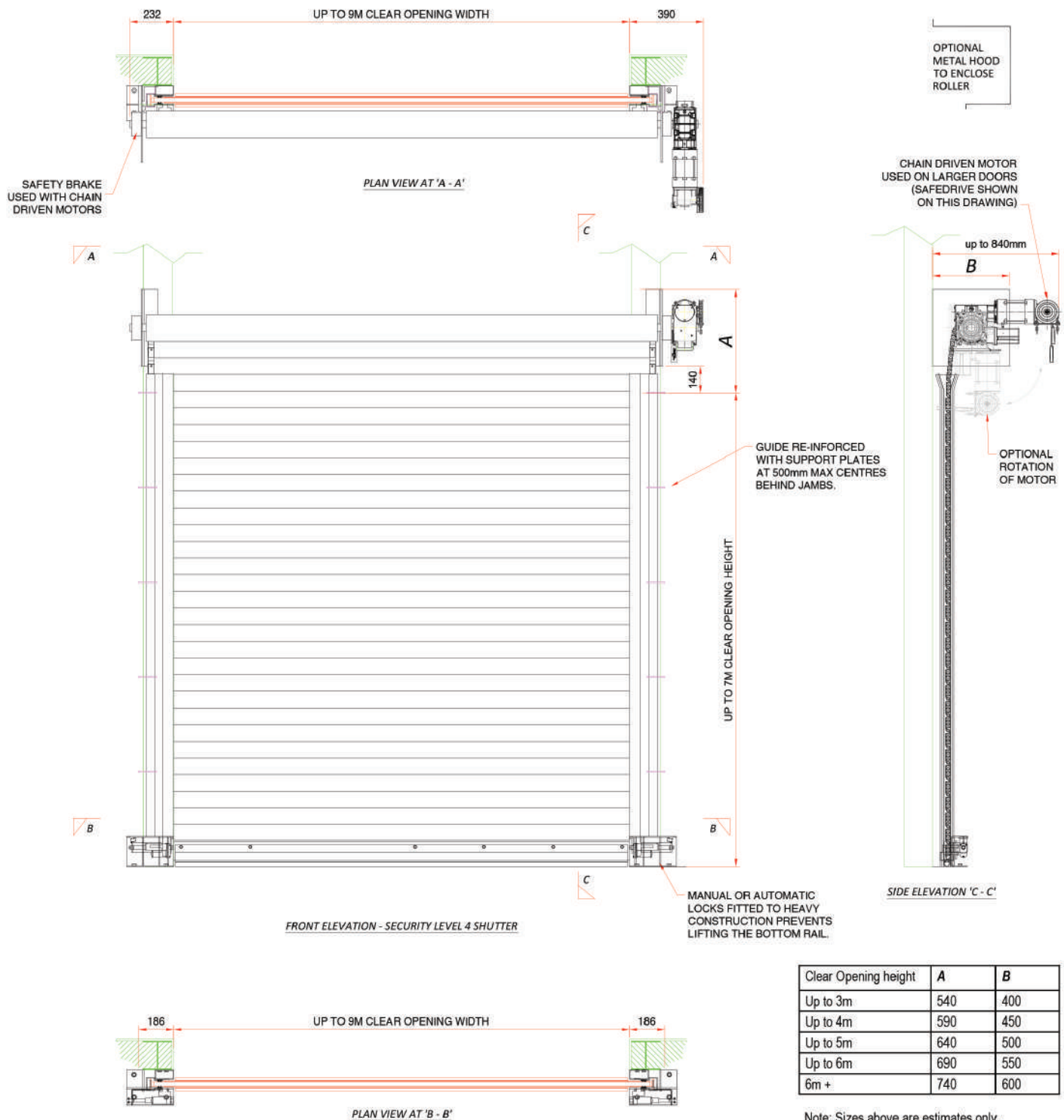
Benefits

- Insurance compliance
- Attack prevention
- Security performance
- Asset protection
- Public safety
- Unauthorized access restriction
- Reduced crime



HART

DOOR SYSTEMS



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

Note: Sizes above are estimates only.

Please contact us direct for actual dimensions and detail required for your door size.



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