QUICK GUIDE TO ASSESS SECURITY RATING STANDARD OF ROLLER SHUTTER

by Shine Union Ltd

LOSS PREVENTION CERTIFICATION BOARD

LPCB

LPS 1175: Issue 7
Cert. No. 1396a
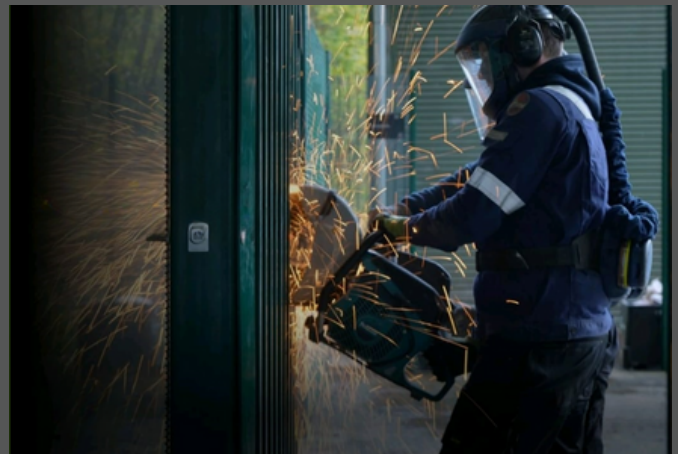
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WHAT ARE SR STANDARDS ?

As part of the Building Research Establishment (BRE) Group, the Loss Prevention Certification Board (LPCB) certifies security systems and technology, that meets specific standards.

In order for the LPCB to assess whether a security shutter meets these standards, it must undergo specific testing.

The LPS (Loss Prevention Standard) 1175 - Issue 7* test specifies tools the shutter must resist against (e.g. crowbars, bolt cutters, hacksaws, etc.), and the time the shutter must resist attempted entry for.

*The 'issue number' here refers to the version of the LPS test, with 7 being the most current. Be aware that some shutters may have been tested to LPS 1175, but not necessarily to the most recent test issue.

Depending on the product's performance in this test, it's given a certification from SR2- SR5. So how do we define these certifications? And what are their typical applications ?

SR2

Based upon medium domestic risk and lower commercial risk. Products certified to this level provide a level of resistance to opportunist attempts at forced entry, using bodily physical force and a range of hand tools, including those that create noise.

Typical Applications: Domestic, low-risk commercial

SR3

Based on a low commercial risk. Products certified to this level provide a moderate resistance to determined attempts of force using a bodily force and a wide range of hand tools with greater mechanical advantage, including those that create noise.

Typical Application: Low-risk commercial

SR4

Based on a medium commercial risk. Products certified to this level provide resistance to experienced determined attempts at forced entry using a wide range of hand tools and battery power tools, with a disregard for noise created.

Typical Application: Mid to high risk commercial

SR5

Based on a high commercial and mission critical risk. Products certified to this level provide resistance to experienced determined attempts at forced entry for extended periods of time, using a range of powerful battery tools lasting up to 10 minutes.

Typical Applications: high-risk commercial, critical/significant infrastructure

How Does The LPS 1175 Certification Work?

The LPS in LPS 1175 certification stands for 'Loss Prevention Standard'. LPS 1175 has been developed to be a universal classification system for intruder resistance and can be applied to a vast range of applications. The classifications range from an opportunist attacker with bodily force and basic tools to multiple experienced attackers using chainsaws and petrol grinders.

Security Rating	Tool Category	Max attack time (min)	Max total attack duration (min)
SR1	A	1	10
SR2	B	3	15
SR3	C	5	20
SR4	D	10	30
SR5	D+	10	30
SR5	E	10	30
SR7	F	10	30
SR8	G	20	60

The table shows a matrix of how products are classified. Those classifications indicate the tool kit resisted and the delay achieved in minutes.
The tool sets are shown below.

Tool Set A   Tool Set B   Tool Set C   Tool Set D
Tool Set E   Tool Set F   Tool Set G   Tool Set H

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