LPS 1175: Issue 8

Intruder resistant building components, strongpoints, enclosures, and free-standing barriers

Purpose

Confirm the minimum delay products provide against manual forced entry attempts conducted by determined offenders willing to use loud, aggressive methods to gain entry to protected areas or remove protected items as quickly as possible without fear of attracting attention.

Background

Originally developed for UK insurers in the early 1990's, LPS 1175 has grown to become one of the most, if not the most, highly regarded and specified standards for forced entry protection in the world. Its scope of application and unique approach to classifying intruder resistance enables users to apply it holistically to each layer of an asset's defence – from the perimeter down to asset level, ensuring the delay provided exceeds the time to detect and respond to an intrusion attempt.

Scenarios

Burglary, robbery, sabotage, terrorism, and protest.

Threats

Range from low investment opportunist crimes by single offenders using common, concealable tools up to sustained levels of entry by pairs of professional offenders within organised teams acting simultaneously to achieve their objective using a comprehensive array of manual, electrical and thermal tools.

Performance Classifications

Security Ratings take the format: Tool Set (A - H) + Delay (1, 3, 5, 10, 15 or 20 minutes).

Infographic summarising the performance classifications defined in LPS 1175

					Security Ratings (Tool set + delay)					
	Extreme methods of access to very high value assets using portable tools.	H		H1	H3	H5	H10	H15	H20
	Enhanced professional attempts of access to high value assets.	G		G1	G3	G5	G10	G15	G20
	Professional attempts at forced entry into higher value storage areas.	F		F1	F3	F5	F10	F15	F20
	Experienced attempts at forced entry using tools of a greater battery power.	E		E1	E3	E5	E10	E15	E20
	Experienced attempts at forced entry.	D		D1	D3	D5	D10	D15	D20
	Deliberate forced entry using a wide selection of commonly available, relatively easily concealed tools.	C		C1	C3	C5	C10	C15	C20
	More determined attack using easily concealed tools of a greater mechanical advantage.	B		B1	B3	B5	B10	B15	B20
Threat	Low technology level of attack using small, very easily concealed tools.	A		A1	A3	A5	A10	A15	A20
The mark of effective security www.redbooklive.com		Tool set		1	3	5	10	15	20
				Delay (Minutes) →					

Products & Systems* – LPS 1175: Issue 8

Building Fabric

✓	Cladding systems
✓	Curtain walling systems
✓	Doorsets
✓	Entrance portals
✓	Grilles and barsets
✓	Hatches
✓	Partitioning systems
✓	Roofing systems
✓	Roof lights and skylights
✓	Screens
✓	Secondary glazing systems
✓	Shutters
✓	Roofing systems
✓	Speed gates
✓	Vents and louvres
✓	Void protection screens
✓	Wall and ceiling systems
✓	Windows

External Spaces and Services

✓	Access covers
✓	Fences
✓	Gates
✓	Temporary buildings
✓	Turnstiles
✓	Vehicle barriers

Supplementary Security

✓	Cabinets
✓	Cages
✓	Clamping and tethering devices
✓	Containers
✓	Display cases
✓	Dispensing systems
✓	Enclosures
✓	Key safes
✓	Safety deposit boxes

Others

✓	Vehicles

Protected Environments* – LPS 1175: Issue 8

Commercial

✓	Hotels
✓	Logistics
✓	Manufacturing
✓	Offices
✓	Retail
✓	Restaurants, pubs and cafes
✓	Research and development
✓	Storage

Critical Infrastructure

✓	Communications
✓	Data storage and processing
✓	Defence
✓	Emergency services
✓	Energy
✓	Finance
✓	Government and public services
✓	Healthcare
✓	Transport
✓	Water and sewage treatment

Others

✓	Cultural heritage
✓	Education
✓	Entertainment
✓	Museums and galleries
✓	Public attractions
✓	Residential
✓	Sports

*Please note: These lists are not exhaustive. Please contact us if you are interested in other products and systems or protecting other environments.

Our Approach to Assurance

Testing

We don't just test – we push products to their limits. Smashing, levering and cutting: our impartial engineers test products in our state-of-the-art forced-entry facility or on-site worldwide. With over 100 years of combined experience, our team identifies vulnerabilities in 95% of evaluations, enabling manufacturers to address them before offenders find them. Our rigorous, innovative approach has supported hundreds of manufacturers, with 1,000+ forced-entry products now LPCB-assured, delivering whenever it matters.

Assessment

Testing proves whether a product delivers. Our assessments take that a step further. They draw on our engineers' extensive experience to determine whether the products we certify will deliver the attested performance across the extended scope of application to be certified – including alternative sizes, locking mechanisms, and configurations. All are based on thorough expert reviews of production drawings and supporting test data.

Auditing

Security isn't a one-off achievement. Performance can drift as materials, supply chains, or production methods evolve. That's why LPCB certification is backed by regular, independent surveillance audits. Our international team inspects change management, material sourcing, design control and manufacturing integrity to ensure the products that come to market continue to deliver the certified performance – long after the initial test.

Sourcing Assured Solutions

All LPS 1175-certified products are listed in LPCB's RedBook. Access these free, with no registration needed, on RedBookLive.com.

Need specialist support? Contact our expert team.

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