LPCB:
Loss Prevention Certification Board

Heras offers high security gate and fencing solutions designed for sites with infrastructure critical assets including data centres, distribution centres and power plants. Products in the Heras portfolio hold accreditations including those by LPCB to LPS 1175, and endorsements such as the police approval platform Secured by Design. Accredited products provide proven, demonstrable protection which is recognised by insurance companies through reduced premium costs.

LPS 1175 security ratings grade how effectively a product delays an attack ranging from 60 seconds to 20 minutes. Using security products approved by LPCB to protect people, property and assets is an effective way of mitigating the risks associated with crime and, increasingly, the threat of terrorism. Designed and manufactured to integrate with a range of additional hostile and non-hostile security toppings, your next high security perimeter project requirement is already secured by Heras.
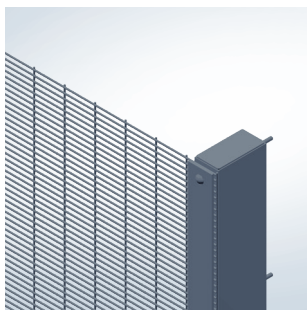

What is LPCB?

The Loss Prevention Certification Board (LPCB) is the leading international Certification Body in the fields of security and fire protection. LPCB approval is recognized by governments and regulatory authorities globally, especially in the Asia-Pacific, Middle East and Europe.

The LPCB works closely with governments, police, insurers, risk consultants and architects to develop standards and approval schemes to evaluate security equipment and services to enable the delivery of security performance required to protect against criminal and terrorist threats.

Approval to LPCB's Loss Prevention Standards (LPSs) is specified across multiple sectors including: education, finance, healthcare, manufacturing, the public sector, residential, retail and utilities. The standards are also specified for the protection of critical infrastructure where delivery of specified levels of security performance is critical.
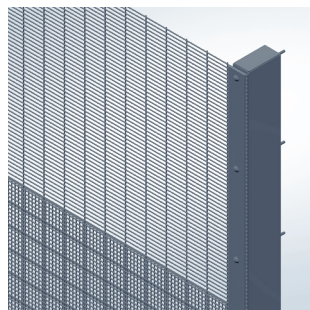
What is LPS1175 and who does the testing?

LPS 1175 determines security ratings derived from LCPB testing procedures and applies to perimeter protection products such as vehicle barriers, fencing, gates and turnstiles. The test measures the time taken to make a hole big enough to get a person through (minimum of an Elliptical shape 400mm x 225mm) using a pre-determined toolset and assesses joints and fixings to the building environment as appropriate. The tests are carried out by trained personnel of the BRE who go into the test with full knowledge of the product and its construction. Additionally, initial trials are carried out to assess the best tools to use from the allowable toolset.
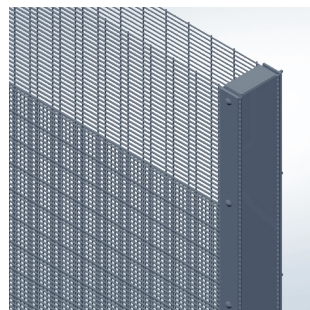
HERAS

SR1:
Opportunist attack by bodily force using minimal tools.

SR2:
More determined opportunist attack with tools of a higher mechanical advantage.

SR3:
Deliberate forced entry of protected premises using bodily force and a selection of attack.

Security rating	Tool set (e.g.)	Maximum work time* (min)	Maximum test duration (min)
SR1	Screwdriver, knife, pliers, etc.	1	10
SR2	SR1 tools + bolt cutters, claw hammer, drill, etc.	3	15
SR3	SR2 tools + short axe, chisels, crowbar, gas torch, etc.	5	20

*Max working time is the total accumulated time during the test duration when tools are being applied – e.g. with a power saw, the timing stops as soon as the blade stops moving. The remaining time in test duration is for assessment, rest, change of tools or power packs, etc.

What is the RED BOOK?

Once LPCB is satisfied that a product meets the required standard, it is listed in the 'Red Book'. The Red Book is published in January each year and is available free of charge. A live version of the Red Book can be viewed on www.RedBookLive.com where new entries and amendments are updated regularly.

What is Secured by Design (SBD)?

SBD is a police initiative with the goal of improving the security of buildings and their immediate surroundings and perimeter to provide safe places to live, work, shop and visit. SBD is closely associated with LPS1175 and CPNI ratings.

Secured by Design

Police Preferred Specification