

Flatfoot Laser Blocking Screens: Protection from Stray Laser Radiation

Overview

These lightweight, Flatfoot Laser Blocking Screens from Lasermet are designed as a semi-permanent passive guard to enclose an area where Class 3B or Class 4 Lasers are in use, either to protect against accidental exposure to the laser beam or for long term blocking of laser radiation at lower power densities. They provide a cost effective and easily-installed, high quality professional solution to your laser blocking requirements. The screens are designed to block all laser wavelengths including high power lasers.

Benefits

- **Blocks all laser wavelengths** – including high power lasers (see specification)
- **CE marked and certified** to provides laser safety protection to IEC/EN 60825-4 (Safety of Laser Products Part 4: Laser Guards)
- **Quick and easy to install** – two people can install and manoeuvre the screens into place to provide a rapid-build laser enclosure
- **Modular** – further screens can be attached to extend or change the enclosure, providing a flexible approach to installations, facilitating potential relocation or expansion

Description

Specially designed and manufactured by Lasermet, each screen measures 1550mm wide x 2000mm tall and comprises of a 20mm sandwich of special lightweight laser blocking material, with a white powder coat finish on both sides.



The flatfoot lightweight laser blocking screen

The screen is mounted within a 25mm powder coated steel frame which is in turn mounted on two low profile (5mm high) feet to eliminate any trip hazard. Screens can be connected together either in straight lines or angled at 90° using connecting pieces.

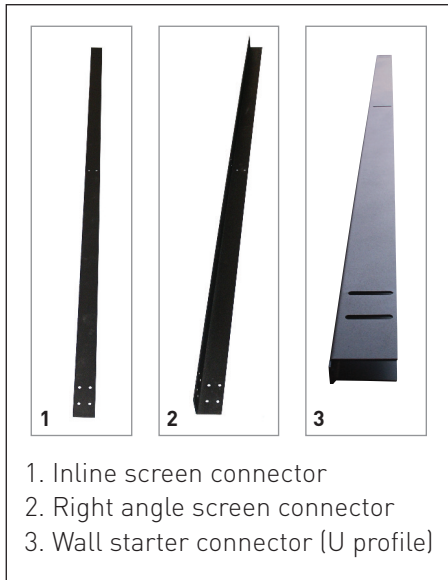
The Lasermet Solution

All Lasermet laser blocking screens are CE marked and certified to EN60825-4 and are the result of many years of research, testing and proving of materials and systems to ensure compliance and safe integration to your establishment.

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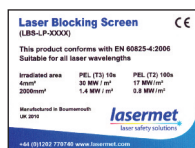
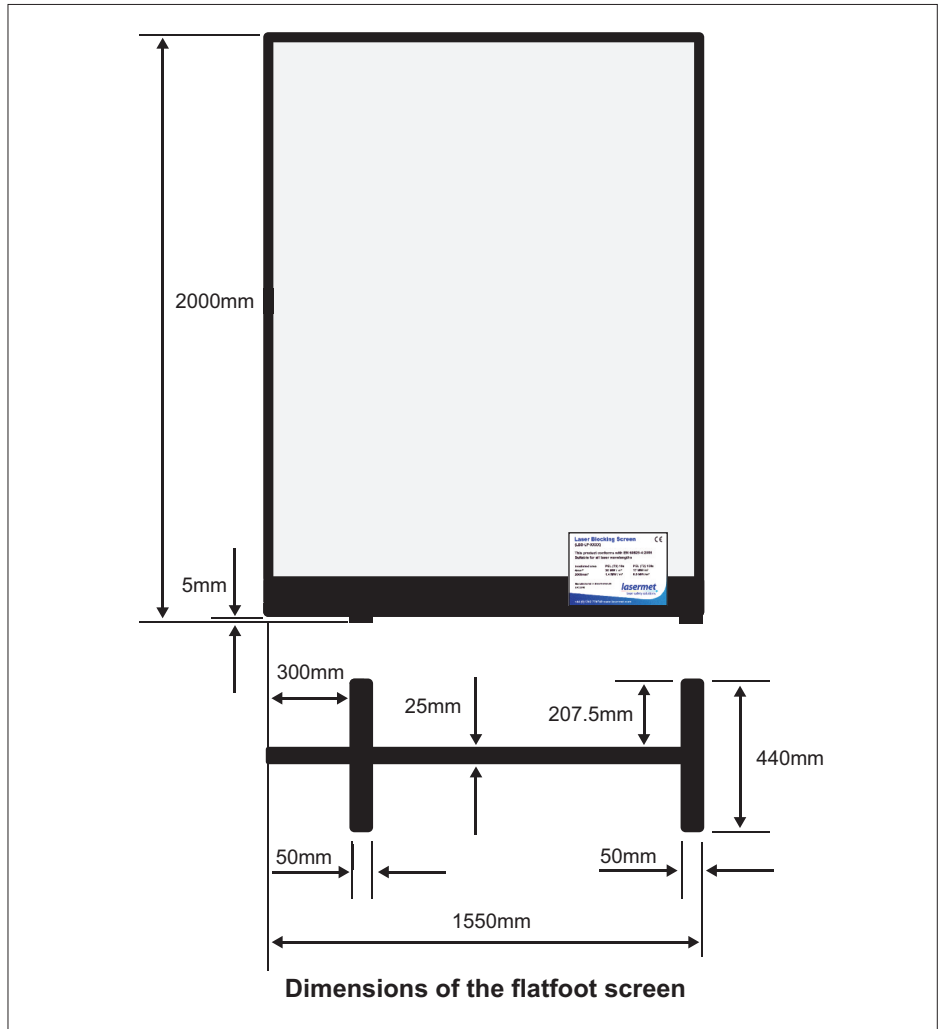
Specification to EN60825-4			Part numbers	
Screen dimensions (mm)	1550 wide x 2000 tall x 25 deep		Screen	LBS-LP-1550
Irradiated Area	PEL (T3) 10 s	PEL (T2) 100 s	Inline Connector	LBS-LP-ILC
4 mm ²	30 MW/m ²	17 MW/m ²	Right Angled Connector	LBS-LP-RA
2000 mm ²	1.4 MW/m ²	0.8 MW/m ²	Wall Connector	LBS-LP WC



The screens are bolted together using the above straight or right angled connectors, T-sections being formed by joining right angles.



Screen feet, measuring only 5mm thick these are strong enough to support the screens and yet thin enough to eliminate the risk of tripping.



Each screen carries its own certification

For further information or to order please contact Lasermet