

## FireMaster Ceiling Standard Specifications

FireMaster Ceiling is a class leading fire rated ceiling panel suitable for both walk-on and non-walk on use. FireMaster Ceiling has tested fire and structural performance and has demonstrated its suitability in a wide range of applications. Once the panels are erected on site the panel core is completely encased by the interlocking joint detail. This feature, allied to the range of foodsafe steel finishes available means that even the most stringent industry hygiene standards are met. The FireMaster Ceiling is compatible with all other panels in the FireMaster System.

### Core Material

The core material is high quality non-combustible bonded Rockwool with a predominantly vertical fibre structure, which provides high shear, compression and tensile strengths.

### Facing Options

Foodsafe laminate  
Foodsafe polyester  
PVF2 – standard colour range  
HPS200 – standard colour range  
Assure antibacterial metals  
Primer coated galvanised

### Finish Options

Flat  
Equibead  
Satin Line  
Mini Bead

### FireMaster Ceiling – Rockwool

FireMaster Ceiling Rockwool cored panels are designed and manufactured in accordance to BS6399 for walk on access. To comply with this the panels need to be capable of withstanding a uniformly distributed load of

250 N/m<sup>2</sup> over the whole area and point load of 0.9 kN (point load is positioned to produce maximum stresses in the affected members i.e. the centre of the panel). Fundamentally the ceiling is for walk-on maintenance access in accordance with the design load and to comply with the parameters that the standard is intended for. All plant and equipment should be supported independently and any apertures should be discussed and agreed with our technical department prior to cutting. All areas of frequent foot traffic should be enhanced and protected with load-distributing boards. Furthermore permanent walkways and/or 'Youngmans' type boards should be used if anything other than normal maintenance/light foot traffic access is required. Please refer to Technical Guidance Sheet No. 001 for further information.

Panel thickness	Acoustic properties weighted SR I (db)	Fire rating to BS 476/Part 22 EI	LPS 1208 grading	R values (m <sup>2</sup> K/W)	Panel weight kg/m <sup>2</sup>	Maximum length/ span metres
60	28.6	N/a	–	1.43	17.7	4.8
75	29.2	N/a	–	1.79	19.7	5.5
100	30.2	60	FR60	2.22	23.1	6.1
125	30.9	60	FR60	2.94	26.5	7.0
150	31.8	60	FR60	3.57	29.8	7.6

### Sizes Available

		Tolerances
Length	2000mm – 11800mm	+/-10mm
Width	600mm – 1150mm	+/-2mm
Thickness	60mm – 150mm	+/-1mm

# LPCB Certification

## Introduction

Certification is third party confirmation that products, services, systems and personnel meet and continue to meet the appropriate standard. It differs from a test which is basically a snapshot showing that the product passed the test on a given day. Certification, through regular audits, ensures that the product continues to comply with the standard and meet the specification.

Certification is beneficial to everyone in the supply chain, from the manufacturer through the contractor and installer to the end client.



## The Process

The certification process involves rigorous assessment and testing of products and services to ensure that they meet and continue to meet quality standards set by a team of experts who may be manufacturers, installers, designers, clients, regulators, insurers, engineers and scientists.

For over 150 years the Loss Prevention Certification Board (LPCB) and its predecessor the Fire Offices' Committee (FOC) have been working with specifiers to set the standards necessary to ensure that a product is fit for purpose.

These standards may be Loss Prevention Standards or may be British, European or International Standards.

Approval of products is usually based on testing undertaken at LPCB's world renowned testing laboratories. In addition LPCB carry out rigorous checks of production processing and installation and maintenance requirements as necessary. Together these checks help ensure that the product you select will offer the required level of protection and security.

Once LPCB are satisfied that a product, service or company meets the necessary

standards, a certificate is issued and the company is listed in the relevant 'Red Book', either The List of Approved Fire and Security Products and Services or The List of Approved Companies and Construction Products. The 'Red Books' are available free of charge to specifiers and other users throughout the world and can also be viewed on line at [www.redbooklive.com](http://www.redbooklive.com).

LPCB joined BRE Certification on 31st March 2000. BRE Certification is a wholly owned subsidiary of the Foundation for the Built Environment which reinvests any profits back into research, education & improvement to our service.



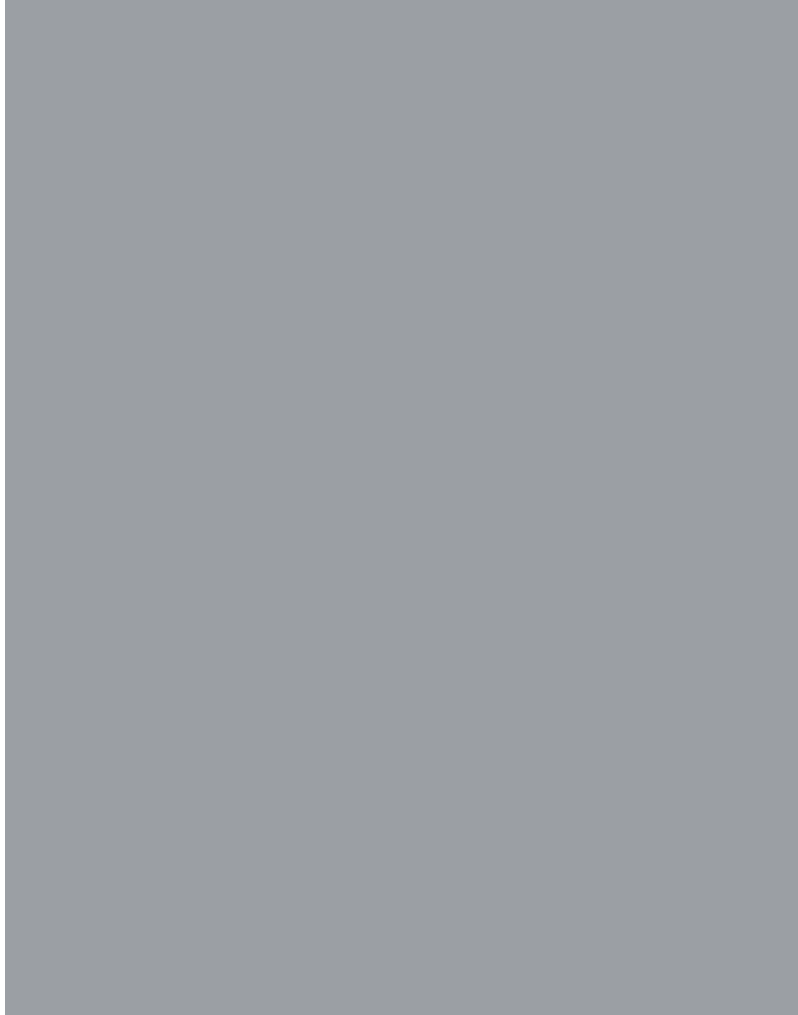
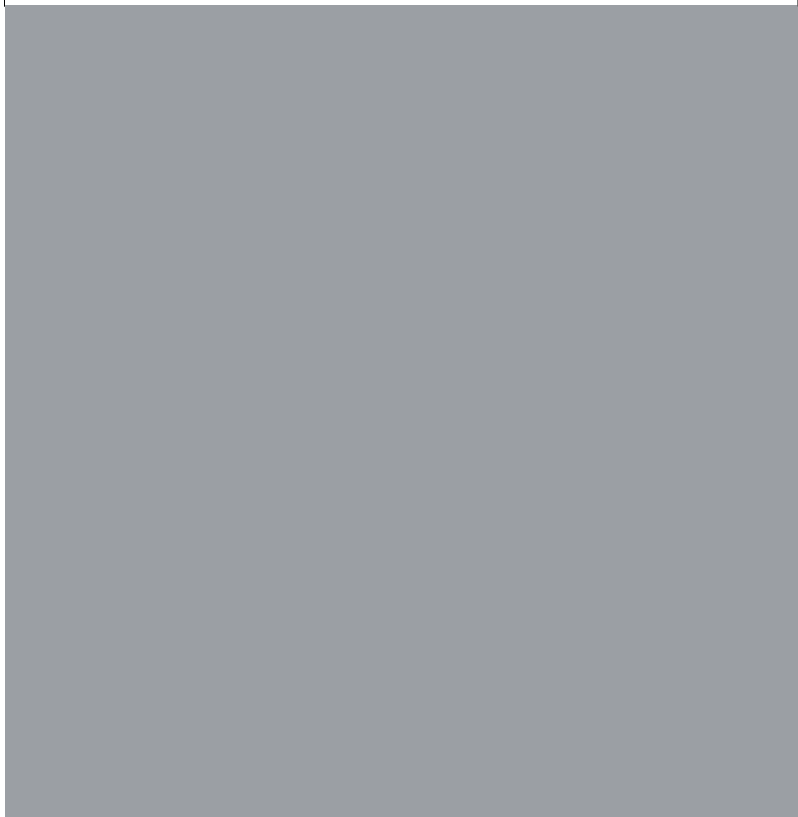
Products include

EuroFoam PIR Panel Systems

FireMaster Rockwool Panel Systems

FireMaster Doors

FireMaster Vision Panels



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