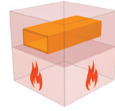


FIRE BARRIER

November 2017



APPLICATIONS



DESCRIPTION

Fire Barrier is a non-combustible, flexible mattress faced on one side with galvanised wire mesh which is stitched to the mattress with wire. Fire Barrier is available either unfaced or foil faced on one side between the wire mesh and the mineral wool. Fire Barrier is non-combustible.

PERFORMANCE

Fire

Classification:

EUROCLASS A1 to BS EN 13501-1, Class 1 Surface Spread of Flame to BS 476:Part 7 and Class 'O' to the Building Regulations.

BENEFITS

- ✓ Offers both fire and acoustic performance
- ✓ Satisfies the UK Building Regulations criteria for half hour cavity barrier
- ✓ A double layer can achieve one hour fire protection
- ✓ Foil facing option available for use above clean rooms

SPECIFICATIONS

Facing	Thickness (mm)	Length (m)	Width (mm)	Area per roll (m ²)	Rolls per pallet
Un-faced	50	4.00	1000	4.00	21
Foil-faced	50	4.00	1000	4.00	21

All dimensions are nominal

CERTIFICATION



FIRE BARRIER

November 2017

ADDITIONAL INFORMATION

Durability

Fire Barrier is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Application

Fire Barrier is used for the compartmentation of large cavities. It can be used in the following applications:

- Large cavities beneath metal, concrete and timber decks
- Large cavities above suspended ceilings
- As a cavity barrier in timber roofs

A single layer of 50mm of Fire Barrier satisfies the criteria detailed in Approved Document B, Appendix A, Table A1, for 15 minutes insulation protection and 30 minutes integrity. Two layers of 50mm Fire Barrier with a 50mm airspace between achieves one hour fire protection in terms of both insulation and integrity.

Standards

Fire Barrier is manufactured in accordance with BS EN 13162, ISO 50001 Energy Management Systems, OHSAS 18001 Occupational Health and Safety Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems, as certified by Bureau Veritas.

Environmental

Fire Barrier has a generic BRE Green Guide rating of A. Fire Barrier represents no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential.

Certification

Fire Barrier has been subjected to full scale fire resistance tests to BS 476: Part 22: 1987. Tests included vertical and horizontal joints.

Handling and storage

Fire Barrier is easy to handle and install. It is supplied in polyethylene packs which are designed for short term protection only. For longer term protection on site, it is recommended to store the product either indoors, or under cover and off the ground. Product information is mentioned on every pack. Fire Barrier should not be left permanently exposed to the elements.



Knauf Insulation mineral wool products made with ECOSE Technology® benefit from a no added formaldehyde binder, which is up to 70% less energy intensive than traditional binders and is made from rapidly renewable bio-based materials instead of petroleum-based chemicals. The technology has been developed for Knauf Insulation's glass and rock mineral wool products, enhancing their environmental credentials without affecting the thermal, acoustic or fire performance. Insulation products made with ECOSE Technology® contain no dye or artificial colours.

Knauf Insulation Ltd

PO Box 10, Stafford Road, St.Helens,
Merseyside, WA10 3NS. UK

Customer Service (sales): +44 (0)1744 766 767
export.sales@knaufinsulation.com

Technical Support Team: +44 (0)1744 766 666
technical.uk@knaufinsulation.com

All rights reserved, including those of photomechanical reproduction and storage in electronic media. Extreme caution was observed when putting together and processing the information, texts and illustrations in this document. Nevertheless, errors cannot quite be ruled out. The publisher and editors cannot assume legal responsibility or any liability whatever for incorrect information and the consequences thereof. The publisher and editors will be grateful for improvement suggestions and details of possible errors pointed out.

KINE3599DAT - V1117

challenge.
create.
care.