

FIRE-TEK WM910

March 2018



APPLICATIONS



DESCRIPTION

Fire-teK WM 910 is a highly fire resistant wired mat used to sub-divide voids and spaces to prevent the spread of fire in buildings. The product is faced on one side with galvanised wire mesh which is stitched to the mattress with wire. It is available either unfaced or foil faced on one, or both sides, and is labelled with a continuous identifying strip between the wire mesh and the Rock Mineral Wool.

PERFORMANCE

Fire

Classification:

Class 1 Surface Spread of Flame to BS 476:Part 7 and Class 'O' to the Building Regulations.

Fire resistance is effective from either side of the barrier. A 50mm Fire-teK WM910 satisfies the criteria laid down in the Building Regulations for a half hour cavity barrier.

BENEFITS

- ✓ Offers both fire and acoustic performance
- ✓ Satisfies the 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 (mm)	Width (mm)	Pieces per pack	Area per roll (m ²)	Packs per pallet
Unfaced	50	4000	1000	1	4	21
Foil-faced	50	4000	1000	1	4	21

All dimensions are nominal. Other sizes may be available subject to enquiry.

CERTIFICATION



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ADDITIONAL INFORMATION

Durability

Fire-teK WM910 is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria..

Application

Fire-teK WM910 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-teK WM910 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-teK WM910 with a 50mm airspace between achieves one hour fire protection in terms of both insulation and integrity.

Standards

Fire-teK WM910 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-teK WM910 has a generic BRE Green Guide rating of A. Fire-teK WM910 represents no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential.

Handling and storage

Fire-teK WM910 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-teK WM910 should not be left permanently exposed to the elements.

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