



Provides a 30 minute fire and smoke barrier in roof voids and large volume areas.

Description

Heavy duty non-insulant 260 g/m² coated glass fibre cloth supported on a steel frame.

Unlike other reinforced mineral fibre solutions, there is very little fibre dust created during installation or during the life of the barrier. Long drops up to 3 m can be achieved without the need of extra support framework. As the system is lightweight, it can be fitted to small section structural steel members without the risk of overloading. If in doubt, refer the to the project engineer or specifiers.

Sizes and Colours

Size: 1.3 x 50 m = 65 m²

1.3 x 10 m = 13 m²

Colour: grey

Fire Testing

- Tested at Warrington Fire Research to provide 30 minutes fire stability and integrity to BS 476 Pt 20/22, BS 7346 Pt 3, smoke curtain and BS 476 Pt 7: 1987 Class 1 spread of flame

Features

- Light weight for easy installation
- Easy to handle on rolls of 65 m² that can be easily carried by one man (roll size 1.3 m x 50 m)
- Very low to negligible dust generation
- Very fast and simple seam detail using staples and folds
- Coated on both sides to provide maximum smoke resistance

Applications

Used to provide a fire and smoke barrier in a large volume space, such as a high bay storage area or open roof space like a wide span portal frame building. Can also be used to provide a fire and smoke barrier in suspended ceiling applications and raised floors.

Installation

Long drops up to 3 m can be achieved without the need of extra support framework. As the system is lightweight it can be fitted to small section structural steel members without the risk of overloading. If in doubt, refer the to the project engineer or specifiers.

Consult method statement for further details.

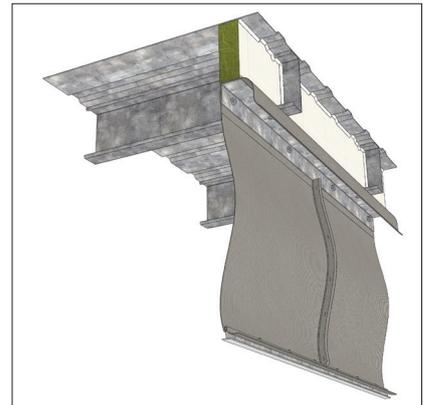
Legislation

Building Regulations Section B3 2000, states that a building shall be sub-divided into compartments where this is necessary to inhibit the spread of fire within the building.

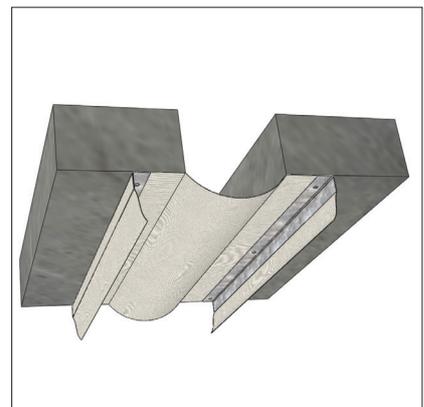
There is also a requirement in the case of cavities such as wall cavities, suspended ceilings or raised floors. Section B3 states 'concealed spaces in the structure or fabric of the building, or the building as extended, shall be sealed and sub-divided where this is necessary to inhibit the unseen spread of fire and smoke.' Often, in addition to the requirements of legislation, many building owners and their advisors require sub-division of compartments to reduce the risk of fire and smoke damage, over and above Building Regulations.

Note: Firetherm 30 offers no insulation and should not be used if compartment insulation values are required to be maintained.

Typical Details



Firetherm 30 head detail



Firetherm 30 forming right angled barrier