

FIRE-TEK BD 917

August 2020



APPLICATIONS



DESCRIPTION

Fire-teK BD 917 is a non-combustible, rigid Rock Mineral Wool slab reinforced with an aluminium foil facing to one side, for use in the fire protection of HVAC steel ductwork for up to 120 minutes.

Fire-teK BD 917 is fully tested and certified to provide up to two hours fire protection to HVAC steel ductwork and up to 60 minutes for kitchen extract ducts. It can be used in horizontal and vertical ducts, ducts passing through compartment walls and floors and kitchen extracts. Fire-teK BD 917 slab is suitable for applications above clean rooms, within air plenums or for aesthetic purposes.

PERFORMANCE

Fire

Classification:

Non-combustible to BS 476:Part 4:1970 (1984), Class 1 Surface Spread of Flame to BS 476: Part 7:1997

Period of fire resistance (hours)	Thickness (mm)		
	Vertical ducts	Horizontal ducts	Kitchen extract ducts
0.5	–	–	45
1.0	45	45	90
2.0	90	90	–

BENEFITS

- ✓ Non-combustible with a melting point in excess of 1000°C providing excellent levels of fire protection.
- ✓ Provide up to 2 hours fire protection to steel ductwork.
- ✓ Applied in a single thickness, removing the need for multi-layer applications, and provides assurance of a uniform thickness and allows for easy verification of correct installation on site.
- ✓ Slabs are faced with a reinforced aluminium foil, making it suitable for applications above clean rooms, within air plenums or for aesthetic purposes.
- ✓ The fixing system of welded pins and square edge butt joints gives a fast and simple system which requires no special cuts, drilling or sub-frames and also makes the slabs fast and easy to install.

SPECIFICATIONS

Thickness (mm)	Length (mm)	Width (mm)	Pieces per pack	Area per pack (m ²)	Packs per pallet
90	1200	600	2	1.44	12
45	1200	600	4	2.88	12

CERTIFICATION



challenge.
create.
care.

FIRE-TEK BD 917

August 2020

ADDITIONAL INFORMATION

Durability

Fire-teK BD 917 is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Application

Fire-teK BD 917 is fully tested and certified to provide up to 2 hours fire protection to HVAC steel ductwork and up to 60 minutes for kitchen extract ducts. It can be used in horizontal ducts, vertical ducts, ducts passing through compartment walls and floors and kitchen extracts. Fire-teK BD 917 is suitable for applications above clean rooms, within air plenums or for aesthetic purposes.

Standards

Fire-teK BD 917 is manufactured in accordance with BS EN 13162, EN 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 BD 917 contains no ozone-depleting substances or greenhouse gases. For further environmental information consult the relevant Environmental Product Declaration, available on our website.

Moisture resistance

Fire-teK BD 917 is non-wicking when tested in accordance with BS 2972:1989 Section 12. When exposed to 90% relative humidity and 20°C Fire-teK BD 917 absorbs less than 0.004% of moisture.

Acoustic performance

Fire-teK BD 917 will provide effective noise control and reduce noise breakout from ducts, the actual performance varies with insulation thickness and surface finish.

Handling and storage

Fire-teK BD 917 is easy to handle and install, being lightweight and easily cut to size, where necessary. Fire-teK BD 917 is supplied in polythene packs which are designed for short term protection only. For longer term protection on site, the product should either be stored indoors, or under cover and off the ground. Fire-teK BD 917 should not be left permanently exposed to the elements.