

## FIRE-TEK BD 917

March 2018



### APPLICATIONS



### DESCRIPTION

Fire-tek BD 917 is a Rock Mineral Wool slab faced with a bright Class 'O' reinforced aluminium foil, which is fully tested and certified to provide up to 2 hours fire protection to HVAC steel ductwork.

It can be used in horizontal ducts, vertical ducts, ducts passing through compartment walls and floors and kitchen extracts. The product 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 and Class 'O' to the Building Regulations

### BENEFITS

- ✓ Combines lightness, strength and ease of use
- ✓ Aluminium foil facing acts as a vapour control layer
- ✓ Corrosion free
- ✓ No deterioration of performance over time
- ✓ Resilient, strong and flexible

### SPECIFICATIONS

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

### CERTIFICATION



## FIRE-TEK BD 917

March 2018

### 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. 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 represents no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential.

#### 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.

#### Knauf Insulation Ltd

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

Customer Service: 0844 800 0135

Technical Support Team: 01744 766 666

Literature: 08700 668 660

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.

KINE1528DAT - V0318

challenge.  
create.  
care.