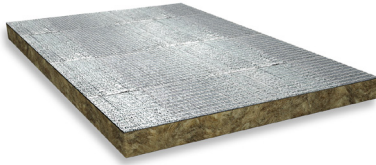


**FIRE-TEK® BD 917 ALU** (ROCKSILK PYRODUCT)



January 2018

**APPLICATION RANGE**



**DESCRIPTION**

Fire-teK BD 917 ALU is a high-temperature-resistant mineral wool insulation board with single-sided aluminium lamination that has been especially designed for fire protection on rectangular ventilation ducts.

**PERFORMANCE**

Service temperature facing max	80 °C
Service temperature mineral wool max	700 °C
Reaction to fire	A1 (EI 90)
Minimum density	165 kg/m <sup>3</sup>

Description	Sign	Description/data	Unit	Standard
AS quality	-	≤ 10	ppm	EN 13468
Total water absorption	W <sub>p</sub>	≤ 1	kg/m <sup>2</sup>	EN 1609
Water vapour diffusion resistance	μ	1	-	EN 12086
Silicone free	-	No emissions by lacquering disturbing substances	-	-
Melting point of fibres	-	≥ 1000	°C	DIN 4102-17
Specific heat capacity	c <sub>p</sub>	1030	kJ/(m <sup>2</sup> K)	EN ISO 10456
Designation code	-	T5-ST(+)/700-WS1-CL10	-	EN14303

*Declared material properties are obtained in the production process and ensured by the factory production control in accordance with the European Standard at the time of manufacture. Observing storage and handling guidelines will maintain performance within published tolerances.*

**CERTIFICATE**



BS 476:Part 4:1970 (1984), Class 1 Surface Spread of Flame  
BS 476: Part 7:1997  
Class 'O' to the Building Regulations.



## ADDITIONAL INFORMATION

### Application

The product is recommended for thermal, fire and sound insulation of the defined applications within technical insulation.  
Fire protection, Rectangular air ducts

### Application

Our products are easy to handle and easy to install. It is supplied packaged in cardboard boxes or wrapped in foil (depending on the product) which are designed for short term protection only. Further product information is mentioned on every pack.

### Storage

For longer term protection on site, it is recommended to store the product either indoors or under a roof and off the ground.

### Note

Also available with aluminium facing.

### Product execution

Thickness	45, 90 mm
Width	600 mm
Length	1.200 mm



Knauf Insulation mineral wool products with ECOSE® Technology benefit from a formaldehyde-free binder made from rapidly renewable bio-based materials instead of petroleum-based chemicals. The technology has been developed for Knauf Insulation's 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 – the colour is completely natural.

### Knauf Insulation d.o.o

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