

## FIRE-TEK BD 916



January 2024



### DESCRIPTION

The Fire-teK® BD 916 is a soft Rock Mineral Wool insulation board. As to its even surface, a precise and even coating as well as the exact cutting, it has been especially designed for fire protection of wall and ceiling penetrations.

### PERFORMANCE

Reaction to fire	A1 (EN 13501-1)
Density	ca. 160 kg/m <sup>3</sup> (EN ISO 29470)
Declaration of performance*	<a href="http://dopki.com/04309GPCPR">http://dopki.com/04309GPCPR</a>

\* for detailed information on DoP please check the product label

### APPLICATION

Defined Fire-teK applications:

- Wall/ceiling penetration

The product is recommended for fire protection of the defined applications within technical insulation:

- **Passive fire protection at wall-/ceiling penetrations**

### BENEFITS

- ✓ High compressive strength
- ✓ High temperature resistant
- ✓ Non combustible
- ✓ Hydrophob



### STANDARDS

Knauf Insulation products are produced according to four of the most important International Management Standards for sustainability ISO 9001 (Quality Management), ISO 14001 (Environmental Management), ISO 50001 (Energy Management) and ISO 45001 (Health and Safety Management), all certified by Tüv Nord.

### CERTIFICATES



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### SPECIFICATIONS

Description	Sign	Description/data	Unit	Standard
Water soluble chloride ions (AS quality)	-	≤ 10	ppm	EN 13468
Total water absorption	W <sub>p</sub>	≤ 1,0	kg/m <sup>2</sup>	EN 1609
Water vapour diffusion resistance	μ	1	-	EN 14303
Silicone free	-	No emissions of lacquering disturbing substances	-	-
Melting point of fibres	θ	≥ 1000	°C	DIN 4102-17
Specific heat capacity	c <sub>p</sub>	1030	J/(kgK)	EN ISO 10456
Designation code	-	T5-ST(+)-700-WS1-CL10	-	EN 14303

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.

### HANDLING

Knauf Insulation products are easy to handle and easy to install. They are supplied in suitable packaging materials to balance necessary transport protection with sustainable recycling options. Packaging is not designed for long-term storage or exposure to harsh weather conditions. Further product information is mentioned on every pack.

### STORAGE

For longer-term protection on site we recommend storing the product either indoors or alternatively under a roof cover and off the ground. If covered storage is not available, products can be stored outside (open-air-storage) if placed off the ground (keep palletized) and covered with plastic hood (foil), for a maximum of up to 6 months from the date of delivery. Outdoor storage is not recommended during particularly humid months with large fluctuations in temperature.

### STANDARD FORMATS\*

Thickness	30 - 80 mm
Length	1000 mm
Width	600, 625 mm

\*Other dimensions on request.

### Knauf Insulation d.o.o.

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