

## SEA-TEK® BD 100



September 2018

### APPLICATION RANGE



### DESCRIPTION

Sea-teK® BD 100 is a mineral wool insulation board which is optimised and certified for marine applications, especially fire protection. Product available with white and black glass veil or with aluminium facing.

### PERFORMANCE

Non-combustibility	IMO 2010 FTP Code Part 1
Apparent density	100 kg/m <sup>3</sup> (EN 1602)
Max. service temperature	660 °C (EN 14706)
Service temperature glass fleece and glass fabric facing	150 °C
Service temperature facing aluminium facing	80 °C

Description	Sign	Description/data	Unit	Standard
Thermal conductivity depending on temperature	g	10	°C	DIN EN 12667
	λ	0,035	W/(mK)	
AS quality	-	≤ 10	ppm	EN 13468
Total water absorption	W <sub>p</sub>	≤ 1	kg/m <sup>2</sup>	EN 1609
Silicone free	-	No emissions by lacquering disturbing substances	-	-
Melting point of fibres	-	≥ 1000	°C	DIN 4102-17

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.

### CERTIFICATES



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### ADDITIONAL INFORMATION

#### Application

The product is recommended for fire protection on ship. It's certified in A-15; A-30; A-60 steel Deck and Bulkhead structures, according IMO 2010 FTPC.

#### Handling

Our products are easy to handle and easy to install. It is supplied packaged 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

Product is available with following facings: Veil Black (VB) Veil White (VW), Aluminium foil (ALU)

#### Standard formats\*

Thickness	30 mm - 120 mm
Width	600 mm
Length	1000 / 1200 mm

\* Other dimensions on request.



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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