

SEA-TEK® WM 100 GGN/GGA



December 2020



APPLICATION RANGE



DESCRIPTION

Sea-teK® Wired Mats 100 are compact, elastic mineral wool mats, which are stitched with galvanised wire onto galvanised wire mesh. Product is optimised and certified for fire protection insulation. Perforation on packaging, as well as a special carrying strap enable safe and easy handling.

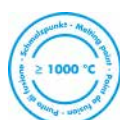
PERFORMANCE

Low flame-spread characteristics for ALU facing	IMO 2010 FTP Code Part 5
Non-combustibility	IMO 2010 FTP Code Part 1
Density	ca. 100 kg/m ³ (EN 1602)
Maximum service temperature	660 °C

Description	Sign	Description/data	Unit	Standard
Thermal conductivity depending on temperature	ϑ	10	40	°C
	λ	0,036	0,039	W/(mK)
Water soluble chloride ions (AS quality)	-	≤ 10	ppm	EN 13468
Short term water absorption	W _p	≤ 1	kg/m ²	EN 1609
Silicone free	-	No emissions by lacquering disturbing substances	-	-
Melting point of fibers	ϑ	≥ 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-30; A-60 steel Deck and Bulkhead structures, according IMO 2010 FTPC.

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.

Note

Product is available with following facings: Aluminium foil (ALU).

Standard formats*

Thickness	30 - 120 mm
Length	2.000 - 6.000 mm
Width	900 (500, 1000) 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.

ISO 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.

Knauf Insulation d.o.o

Varaždinska 140
42220 Novi Marof
Croatia

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