

FIRE-TEK WM 910 GGN/GGA



February 2023



APPLICATION RANGE



DESCRIPTION

Fire-teK® WM 910 GGN is a Rock Mineral Wool wired mat, supplied with a galvanised-steel wire mesh and galvanised steel stitching wire on one side. It acts as a cavity barrier for fire protection and prevention of fire in compartmentations of concealed spaces and service/pipe penetrations.

PERFORMANCE

Fire classification:	Euroclass A1 (BS EN 13501-1)
Large cavity barriers, one side of the cavity and service penetrations	E30, I15 at thickness 50 mm
Large cavity barriers, both sides of the cavity	EI60/EI120 at thickness 50 mm + 50 mm
Declaration of performance*	http://dopki.com/T4305FP

* for detailed information on DoP please check the product label

Description	Sign	Description/data	Unit	Standard
Water soluble chloride ions (AS quality)	-	≤ 10	ppm	EN ISO 12624
Total water absorption	W _p	≤ 1	kg/m ²	EN ISO 29767
Water vapour diffusion resistance	μ	1	-	EN 14303
Silicone free	-	Manufactured without silicon oil additive	-	-
Melting point of fibres	θ	≥ 1000	°C	DIN 4102-17
Longitudinal air flow resistance	r	≥ 40	kPa*s/m ²	EN 29053
Specific heat capacity	c _p	1030	J/(kgK)	EN ISO 10456

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 insulation of the defined applications within technical insulation: large cavities beneath metal, concrete decks, large cavities above suspended ceilings.

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 available also WM GGA: galvanized-steel wire mesh, galvanized-steel wire, aluminium-facing

Standard formats*

Thickness	50 mm
Length	4.000 mm
Width	1.000 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

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