

POWER-TEK BD 660



April 2019

APPLICATION RANGE



DESCRIPTION

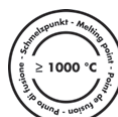
Power-teK BD is a mineral wool insulation board which is optimised for high temperatures, with excellent thermal conductivity values.

PERFORMANCE

Maximum service temperature	660 °C (EN 14706)
Reaction to fire	A1 (EN 13501-1)
Apparent density	100 kg/m ³ (EN 1602)
Declaration of performance	http://dopki.com/T4305QP

Description	Sign	Description/data								Unit	Norma
Thermal conductivity depending on temperature	θ	50	100	200	300	400	500	600	°C	EN 12667	
	λ	0.039	0.044	0.060	0.078	0.102	0.132	0.169	W/(mK)		
AS-Quality	-	≤ 10								ppm	EN 13468
Water absorption	W _p	≤ 1								kg/m ²	EN 1609
Water vapour diffusion resistance	μ	1								-	EN 14303
Silicone free	-	No emissions by lacquering disturbing substances								-	-
Melting point of fibres	-	≥ 1000								°C	DIN 4102-17
Longitudinal air flow resistance	r	≥ 25								kPa*s/m ²	EN 29053
Specific heat capacity	C _p	1030								J/(kgK)	EN ISO 10456
Designation code	-	MW-EN 14303-T5-ST(+)-660-WS1-CL10								-	EN 14303

CERTIFICATE



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ADDITIONAL INFORMATION

Application

Containers, Boiler and tank systems, Machine insulation, Sound insulation

The product is recommended for thermal, fire and sound insulation of the defined applications within technical insulation.

Handling

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.

Standard formats*

Thickness	20mm - 200mm
Width	600 mm
Length	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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