

## POWER-TEK LW STD (LW CB/NB)



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### DESCRIPTION

Power-tek LW STD is a loose mineral wool without binder, which is used as universal solution for lining insulation in cavities.

### PERFORMANCE

Max. service temperature	660 °C (EN 14706)
Reaction to fire	A1 (EN 13501-1)
Declaration of performance	<a href="http://dopki.com/T4309XPCPR">http://dopki.com/T4309XPCPR</a>

Description	Sign	Description/data									Unit	Standard
Thermal conductivity depending on temperature	θ	50	100	200	300	400	500	600	650	°C	DIN EN 12667	
	λ	0,039	0,044	0,059	0,077	0,099	0,126	0,159	0,179	W/(mK)		
AS quality	-	≤ 10									ppm	EN 13468
Total water absorption	W <sub>p</sub>	≤ 1									kg/m <sup>2</sup>	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
Specific heat capacity	c <sub>p</sub>	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





## ADDITIONAL INFORMATION

### Application

The product is recommended for thermal, fire and sound insulation of the defined applications within technical insulation. Plant and industrial construction, Cavities, Mattresses, Ovens, Shafts, Compacted 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.

### Knauf Insulation d.o.o

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