



Knauf Wood Fibre Insulation Board WF

Insulating board under screed

K439w.de Knauf Wood Fibre Insulation Board WF

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Product description

The Knauf Wood Fibre Insulation Board WF is a high-quality, 10 mm thick insulation board made of wood fibre. The wood fibres are made from fresh thinnings. The fibres are bonded using the natural wood binder lignin. Manufactured and monitored acc. to DIN EN 13986.

Order information

Knauf Wood Fibre Insulation Board WF
1198 x 598 x 10 mm Mat. no. 00205256

Storage

Store flat and level in a dry environment.

Field of application

Knauf Wood Fibre Insulation Board WF is applied under screed for impact sound reduction. The board is applied in one or two layers as an insulation material under Pre-fab Floor Screed Brio in acc. to System Data Sheet F12.de or under Levelling Screed 425 with thin layer under-floor heating in acc. to System Data Sheet FE22.de.

Application under other calcium sulphate or cementitious based screed types acc. to DIN 18560 is also possible.

A further field of application is the application as a cover board above Knauf Dry Bulk Leveller PA before further screed constructions are applied.

Properties and added value

- Good impact sound insulation
- Compression resistant insulation material
- Easy to cut and apply
- Thermally insulated
- Convenient format
- Diffusion permeable
- Ecological and environmentally-friendly
- Can be recycled

Technical data

Dimensions

■ Length	mm	1198
■ Width	mm	598
■ Height	mm	10

Density	kg/m ³	approx. 250
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Unit weight	kg	approx. 1.8
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Weight per unit area	kg/m ²	approx. 2.5
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Compressive strength with 10 % compression	kPa	150
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Thermal conductivity λ_R	W/(m ² ·K)	0.07
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Reaction to fire acc. to DIN EN 13501-1		E
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Water vapour diffusion resistance coefficient μ		approx. 5
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Permanent temperature resistance	°C	100
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Impact noise reduction on solid ceilings $\Delta L_{w,R}$		
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■ Under Knauf Brio 18/23	dB	17
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■ Under Knauf Levelling Screed 425 with Uponor Minitec	dB	18
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Knauf Direct

Technical Advisory Service:

▶ knauf-direkt@knauf.de

▶ www.knauf.de

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