

Technical data sheet

Gutex Thermofibre



Gutex Thermofibre – ideal for compartments and as exposed insulation on horizontal surfaces.

Blow-in bulk density ρ exposed [kg/m ³]	25 – 30
Blow-in bulk density ρ enclosed [kg/m ³]	29 – 45
Nominal thermal conductivity λ_D [W/mK]	0.038
Vapour diffusion μ	1/2
Air flow resistivity [kPa s/m ²]	≥ 3
Specific heat capacity [J/kgK]	2100
Fire reaction Euro Class as per EN 13501-1	E
Approval number	ETA-12/0181

Ingredients

- Untreated fir and spruce
- Flame retardant: 5.0 % ammonium salts

Disposal

- Waste code numbers as per AVV
030105, 170201

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Version	Unpacked	Packed
Thickness [mm]	330	
Length × width [mm × mm]	800 × 400	
kg/Bale	15.00	
Bale/Pallet	18	21
Weight per pallet [kg]	290	330



Product information

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Areas of use

- Between studs in interior and exterior walls
- Between-rafter insulation
- Ceiling insulation
- Partition walls/dry construction
- Interior insulation

Advantages

- Elastic for adjustability
- Flexible in shape and variable in format
- Settling-resistant from 29 kg/m³
- High, consistent fibre quality
- Outstanding thermal insulation
- Outstanding specific heat capacity → protection from heat in summer and cold in winter
- Excellent sound insulation
- Easy and quick to work with
- Moisture-regulating
- Steam vapour-permeable
- Wood as the sustainable raw material → recyclable
- Ecologically safe (natureplus® certified)

For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.



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