

Technical data sheet

Gutex Thermowall-L



GUTEX Thermowall-L is the light plaster baseboard with excellent insulation performance – ideal for full-surface mineral or solid wood substrates in the ecological Thermowall ETICS.

Ingredients

- Untreated fir and spruce
- 4.0 % PUR resin
- 1.5 % paraffin

Disposal

- Waste code numbers as per AVV
030105, 170201

Bulk density ρ [kg/m ³]	~ 110
Nominal thermal conductivity λ_D [W/mK]	0.037
Vapour diffusion μ	3
Compressive stress/strength [kPa]	≥ 50
Tensile strength perpendicular to the surface [kPa]	≥ 10
Short-term water absorption [kg/m ²]	≤ 1
Air flow resistivity [kPa s/m ²]	≥ 100
Specific heat capacity [J/kgK]	2100
Maximum working temperature [°C]	110
Fire reaction Euro Class as per EN 13501-1	E
Product standard	EN 13171
Board designation	WF-EN13171-T5-WS1,0-DS(70,-)3-CS(10/Y)50-TR10-MU3-AF,100



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Joint type	Flush-mount				
Thickness [mm]	120	140	160	180	200
Length × width [mm × mm]	1200 × 400				
m ² /Piece(s)	0.48				
Weight per board [kg]	6.33	7.39	8.44	9.50	10.56
Weight per m ² [kg]	13.20	15.40	17.60	19.80	22.00
Piece(s)/Pallet	16		12		10
Square metres per pallet [m ²]	7.68		5.76		4.80
Weight per pallet [kg]	120	140	120	140	120
Nominal thermal resistance R _D [m ² K/W]	3.20	3.75	4.30	4.85	5.40
sd value [m]	0.36	0.42	0.48	0.54	0.60



Product information

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Areas of use

- Plaster baseboard for Thermowall ETICS for wood and solid construction without rear ventilation

Advantages

- Shockproof
- Improvement of sound insulation
- High dimensional accuracy for time-saving and simple installation
- Single-layer, homogeneous bulk density profile
- Optimum thermal insulation
- Outstanding heat storage capacity → good protection from heat in summer and cold in winter
- Moisture-regulating
- Vapour-permeable
- Wood as the sustainable raw material → recyclable
- Manufactured in Germany (Black Forest)
- Ecologically safe (natureplus® certified)

Installation instructions

- For full, detailed instructions on board installation, fastenings, and render application, see the brochure 'Thermowall ETICS, the ecological thermal insulation system'.
- Note the legal requirements for handling wood dust

Assembly over Timber or Masonry



Over Timber Wall

Over Masonry

Made in Germany.
Ecological wood fibre insulation for new builds and renovations

 ROOF

 FACADE

 INTERIOR

 **GUTEX**

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