

Technical data sheet

Gutex Thermoroom

Gutex Thermoroom is the wood fibre insulation board for the internal insulation of external walls.

Ingredients

- Untreated fir and spruce wood
- 4,0 % PUR resin (polyurethane resin)

Waste disposal

- Waste code numbers according to AVV: 030105, 170201



Technical Specifications

Thickness [mm]	20	40	50	60	80	100
Nominal bulk density kg/m³	~ 150	~ 130				
Nominal value Thermal conductivity λD according to SIA 279 [W/mK]	0,040	0,039				
Vapour diffusion μ	3					
Compressive stress/strength [kPa]	≥ 50					
Tensile strength perpendicular to the panel plane [kPa]	≥ 7,5					
Flow resistance [kPa s/m²]	≥ 100					
Specific heat capacity [J/kgK]	2.100					
fire behaviour	E					
Product standard	EN 13171:2012+A1:2015					
Plate labelling	WF-EN13171-T4-CS(10/Y)50-TR7,5-MU3-AFr100					

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Product details

Joint type	flush-mount					
Thickness [mm]	20	40	50	60	80	100
Length × width [mm × mm]	1300 × 600					
Cover dimensions: length × width [mm × mm]	1300 × 600					
Coverage: square metres per panel [m ²]	0,78					
m ² per unit	0,78					
Weight per board [kg]	2,34	4,06	5,07	6,08	8,11	10,14
Weight per m ² [kg]	3,00	5,20	6,50	7,80	10,40	13,00
Items per pallet	96	48	36	30	24	18
Square metres per pallet [m ²]	74,88	37,44	28,08	23,40	18,72	14,04
Weight per pallet [kg]	240	210	200		210	200
Nominal thermal resistance R _D [m ² K/W]	0,50	1,00	1,25	1,50	2,05	2,55
sd value [m]	0,06	0,12	0,15	0,18	0,24	0,30

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Areas of application

- Interior insulation of exterior walls
- Insulation under the rafters for plastering

Advantages

- Optimal thermal insulation
- Excellent heat storage capacity → protection against summer heat and winter cold
- High sound insulation
- Moisture regulating
- Vapour permeable
- Easy to process
- Wood is a sustainable raw material → recyclable
- Made in Germany (Black Forest)
- Biologically safe (natureplus® certified)

Processing instructions

- Note the legal requirements for handling wood dust
- For full, detailed instructions on board installation, fastenings, and render application, see the GUTEX brochure 'Intevio - installation instructions'.