



GUTEX Thermoroom

TECHNICAL DATA SHEET



GUTEX Thermoroom is the wood fibre insulation board for interior insulation of exterior walls.

Ingredients

- Untreated fir and spruce
- 4.0 % PUR resin

Disposal

- Waste code numbers as per AVV
030105, 170201

Thickness [mm]	20	40 – 100
Bulk density ρ [kg/m ³]	~ 150	~ 130
Nominal thermal conductivity λ_D [W/mK]	0.040	0.039
Vapour diffusion μ	3	
Compressive stress/strength [kPa]	≥ 50	
Tensile strength perpendicular to the surface [kPa]	≥ 7.5	
Air flow resistivity [kPa s/m ²]	≥ 100	
Specific heat capacity [J/kgK]	2100	
Fire reaction Euro Class as per EN 13501-1	E	
Product standard	EN 13171	
Board designation	WF-EN13171-T4-CS(10/Y)50-TR7,5-MU3-AF _r 100	





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Detailed information

Joint type	Flush-mount		
Thickness [mm]	20	40	50
Length × width [mm × mm]	1200 × 500		
m ² /Piece(s)	0.60		
Weight per board [kg]	1.80	3.10	3.90
Weight per m ² [kg]	3.00	5.20	6.50
Piece(s)/Pallet	96	48	36
Square metres per pallet [m ²]	57.60	28.80	21.60
Weight per pallet [kg]	200	180	170
Nominal thermal resistance R _D [m ² K/W]	0.50	1.00	1.25
sd value [m]	0.06	0.12	0.15

Joint type	Flush-mount		
Thickness [mm]	60	80	100
Length × width [mm × mm]	1200 × 500		
m ² /Piece(s)	0.60		
Weight per board [kg]	4.70	6.20	7.80
Weight per m ² [kg]	7.80	10.40	13.00
Piece(s)/Pallet	30	24	18
Square metres per pallet [m ²]	18.00	14.40	10.80
Weight per pallet [kg]	170	180	170
Nominal thermal resistance R _D [m ² K/W]	1.50	2.05	2.55
sd value [m]	0.18	0.24	0.30





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PRODUCT INFORMATION

Areas of use

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

Advantages

- Optimum thermal insulation
- Outstanding heat storage capacity → protection from heat in summer and cold in winter
- Excellent sound insulation
- Moisture-regulating
- Steam vapour-permeable
- Easy to work with
- Wood as the sustainable raw material → recyclable
- Manufactured in the direct vicinity of Switzerland (Waldshut, Black Forest)
- Ecologically safe (natureplus® certified)

Installation 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'.