



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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For stockist information and full technical support for your project, please contact Ecological Building Systems or visit www.EcologicalBuildingSystems.com





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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'.

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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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