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Technical Data	Thermoroom
Joint type	Butted
Thickness (mm)	20/40/50/60/80/100
Length x width (mm)	1200 x 500
Square metres per board (m ²)	0.6
Weight per board (kg)	1.6/3.1/3.9/4.7/6.2/7.8
Weight per m ² (kg)	2.6/5.2/6.5/7.8/10.4/13
Boards per pallet	96/48/36/30/24/18
Square metres per pallet (m ²)	57.60/28.80/21.60/18.00/14.40/10.80
Bulk density (kg/m ³)	130
Weight per pallet (kg)	190
Vapour diffusion factor (μ)	3
sd-value (m)	0.06/0.12/0.15/0.18/0.24/0.30
Compressive stress/ strength (kPa)	50
Tensile strength perpendicular to board surface (kPa)	7.5
Air flow resistivity (kPa s/m ³)	100
Specific heat capacity (J/kgK)	2100
Fire reaction Euro Class as per DIN EN 13501-1	E

European Union	
Nominal thermal conductivity λ _D (W/mK)	0.039
Nominal thermal resistance R _D (m ² K/W)	0.50/1.00/1.25/1.50/2.05/2.55



Designation: WF-EN13171-T4-CS(10/Y)40-TR7,5-MU3-AF100.

German disposal category: A2 (treated wood; without non-halogenated organic compounds); code number as per AVV:030105; 170201

GUTEX Thermoroom, an insulation board with single-ply construction and homogenous cross section, is ideal for the retrofit insulating of interior walls.

Composition

- Manufactured from untreated Black Forest spruce and fir
- Additive: 4 % polyurethane resin (binder)

Applications

- Insulation of the insides of exterior walls
- Insulation under the rafters for interior plaster application

Advantages

- Optimum thermal insulation
- Superior thermal storage capacity provides outstanding insulation against heat in the summer and cold in winter.
- Improves acoustic insulation
- Regulates humidity
- Water vapour diffusion permeable
- Quick and easy installation
- Wood is a sustainable, recyclable natural resource
- Made in Germany
- Biologically safe (natureplus® certified)

Installation

- Detailed descriptions of board installation and plasterwork with Thermowall are available in the GUTEX brochure “GUTEX Thermoroom Interior Insulation of Exterior Walls.”

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Ecological Building Systems

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