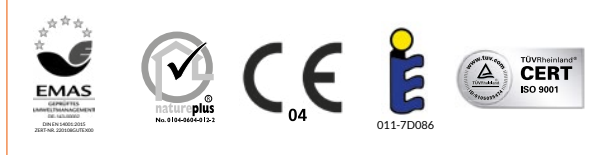




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Technical Data	Multitherm	
Joint type	Tongue and groove	Butted
Thickness (mm)	40/60/80/100/120/ 140/160/180/200	60
Length x width (mm)	1760 x 600	3000 x 1250
Actual coverage, length x width (mm)	1740 x 580	
Square metres per board (m ²)	1.06	3.75
Weight per board (kg)	5.92/8.87/11.83/ 14.78/17.74/20.70/ 23.66/26.61/29.57	31.50
Weight per m ² (kg)	5.60/8.40/11.20/ 14.00/16.80/ 19.60/22.40/ 25.20/28.00	8.40
Boards per pallet	54/36/26/22/18/ 16/14/12/10	15
Square metres per pallet (m ²)	57.02/38.02/27.46/ 23.23/19.00/16.89/ 14.78/12.67/10.56	56.25
Weight per pallet (kg)	350	520
Bulk density (kg/m ³)	140	
Vapour diffusion factor (μ)	4	
sd-value (m)	0.16/0.24/0.32/ 0.40/0.48/0.56/ 0.64/0.72/0.80	0.24
Compressive stress/ strength (kPa)	70	
Tensile strength perpendicular to board surface (kPa)	7.5	
Short-term water absorption (kg/m ²)	I	
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)	0.040	
Nominal thermal resistance R _D (m ² K/W)	1.00/1.50/2.00/ 2.50/3.00/3.50/ 4.00/4.50/5.00	1.50



Designation: WF-EN 13171-T4-DS(70,-)2-CS(10/Y)70-TR7,5-VS1.0-MU4-AF,100
 German disposal category:A2 (treated wood; without non-halogenated organic compounds)
 Code number as per AVV:030105; 170201

GUTEX Multitherm, a hydrophobized and thus moisture-resistant insulation board, features single-ply construction and homogeneous cross-section, making it an ideal sarking board for exterior walls under facade facing or insulation on the undersides of rafters, as well as 60-mm or greater above-rafter insulation with sheathing or protective roofing felt, etc.

Composition

- Manufactured from untreated Black Forest spruce and fir
- Additives:
4.0 % polyurethane resin (binder)
1.0% paraffin (hydrophobic agent)

Applications

- Sheathing directly over timber frame constructions, over wood sheathing and over masonry under the facing in vented facade constructions.
- Full boards install under rafters without interruption
- Suitable in 60-mm or greater thickness as additional above-rafter insulation, fastening to the rafters.

Advantages

- Both sides suitable for exterior-faced exposure, which reduces waste
- Consistently uniform board dimensions make installation quicker and easier
- Homogeneous, single-ply construction
- Makes structures wind-tight
- Superior moisture resistance due to hydrophobic treatment
- Ideal for upgrading the thermal insulation of existing structures
- Reduces thermal bridging
- Exceptional specific heat capacity
→ Maximum protection against the heat in summer
- Significantly improves soundproofing
- Regulates humidity
- Allows vapour diffusion
- Wood is a sustainable, recyclable natural resource
- Made in Germany
- Biologically safe (natureplus® certified)

Installation - General

- Always store the boards in a dry place. Only install the boards if they are dry.
- Suggested board thickness for use with GUTEX Thermofibre blow-in insulation: ≥ 60 mm
- Install boards perpendicular to framed construction, making sure they fit tightly.
- Avoid cross joints.
- Do not use damaged boards.
Seams and interruptions, such as dormer walls, chimneys, etc., must be tight against wind and driving rain.
- Cut to size with common woodworking machines.
- Boards are not designed and made to provide structural support, strength or bear loads.
- Avoid exposure to high levels of moisture on the interior sides of the boards.
- Vacuum off the dust in accordance with applicable workplace safety regulations or practices.

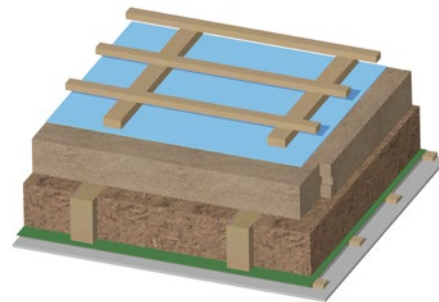
Installation - Walls

- Following on-centre distances apply:
40 mm board thickness \rightarrow max. on-centre is 62.5 cm
60 - 200 mm board thickness \rightarrow max. on-centre is 83.5 cm
- Fasten immediately with ventilation batten.
- Stagger/offset the joints from row to row by min. of 30 cm.
- May be left exposed to the weather for up to 4 months
- For your convenience in determining the most suitable fastener, you'll find a fixation form at www.gutex.de.



Installation - Roofs

- only GUTEX Multitherm ≥ 60 mm
- Maximum on-centre distances for rafters is 90 cm
- Stagger butted side joints with the next row's joint being centred no closer than the next rafter.
- Avoid walking on areas between the rafters.
- Fasten the board immediately after placing in position and cover it for protection with roofing paper, sheathing or sarking (e.g. GUTEX Multiplex-top). Fasten counter batten through the protective covering and into the rafters. For your convenience in determining the most suitable fastener, you'll find a fixation form at www.gutex.de.
- GUTEX Multitherm is not a load-bearing structural element (e.g. snow).



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information renders the old information invalid.

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NATURALLY MADE FROM WOOD