






GUTEX® Standard-n Data Sheet



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GUTEX Standard-n is suitable for diverse interior applications.

Technical Data	Standard-n
Joint type	Butted
Thickness (mm)	6/8/10/12/15/18
Length x width (mm)	2500 x 1000/1500*
Square metres per board (m ²)	2.5/3.75
Weight per m ² (kg)	1.5 - 4.5
Weight per board (kg)	3.75 - 9.38
Boards per pallet	170/130/100/80/70/55
Square metres per pallet (m ²)	137 - 637
Weight per pallet (kg)	700/1000
Bulk density (kg/m ³)	250
Nominal thermal conductivity λ_D (W/mK)	0.046
Nominal thermal resistance R_D (m ² K/W)	0.10/0.15/0.20/0.25/0.30/0.40
Thermal resistance R (m ² K/W)	0.12/0.16/0.20/0.24/0.30/0.36
Vapour diffusion factor (μ)	5
sd-value (m)	0.03/0.04/0.05/0.06/0.07/0.09
Compressive stress/ strength (kPa)	100
Short-term water absorption (kg/m ²)	≤ 2.0
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

Standard-n designation: WF-EN13171-T4-WS2, 0-CS(10/Y)100-MU5-AF100

*Approval No. 23.15-1404.

German disposal category: A2 (treated wood; without non-halogenated organic compounds)

Code number as per AVV:030105; 170201

Composition

- Manufactured from untreated Black Forest spruce and fir
- 1.5% paraffin (hydrophobising agent)

Applications

- Thermal and acoustic insulation of ceilings and floors
- Finishing of living spaces under the roof
- Finishing of dry cellar spaces
- Other uses in the woodworking industry, including pinboards, portable partition walls and screens, door inlays, packaging material, etc.
- Installation over loose floor fill

Advantages

- Ideal for upgrading the thermal insulation of existing structures
- Superior thermal storage capacity provides outstanding insulation against heat in the summer and cold in winter.
- Good acoustic insulation
- Regulates humidity
- Water vapour diffusion permeable
- Wood is a sustainable, recyclable natural resource
- Made in Germany
- Biologically safe (natureplus® certified)

Installation

- Store and install this product dry.
- For best cutting results, use a handheld circular saw with vacuum fitting to cut boards thicker than 10 mm and a GUTEX flooring knife or carpet knife for boards under 10 mm.
- Offset the joints if installing multiple layers.
- Vacuum off the dust in accordance with applicable workplace safety regulations or practices.

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