



GUTEX Happy Step

TECHNICAL DATA SHEET



GUTEX Happy Step is the base board for increased walking comfort and impact sound insulation, e.g. with parquet floors.

Ingredients

- Untreated fir and spruce
- 1.5 % paraffin

Disposal

- Waste code numbers as per AVV 030105, 170201

Bulk density ρ [kg/m ³]	~ 260
Nominal thermal conductivity λ_D [W/mK]	0.046
Vapour diffusion μ	5
Compressive stress/strength [kPa]	≥ 100
Short-term water absorption [kg/m ²]	≤ 2
Air flow resistivity [kPa s/m ²]	≥ 100
Specific heat capacity [J/kgK]	2100
Maximum working temperature [°C]	110
Fire reaction Euro Class as per EN 13501-1	E
Product standard	EN 13171
Approval number	Z-158.10-16
Board designation	WF-EN13171-T5-W52,0-CS(10/Y)100-MU5-AF _r 100





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Detailed information

Joint type	Flush-mount
Thickness [mm]	6
Length × width [mm × mm]	860 × 590
m ² /Piece(s)	0.50
Weight per board [kg]	0.80
Weight per m ² [kg]	1.60
Piece(s)/Package	20
Packs per pallet	32
Piece(s)/Pallet	640
Square metres per pallet [m ²]	324.73
Weight per pallet [kg]	540
Nominal thermal resistance R _D [m ² K/W]	0.10
sd value [m]	0.03



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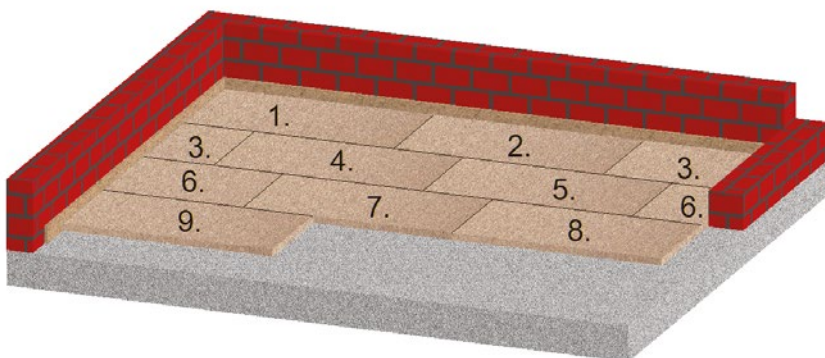
PRODUCT INFORMATION

Advantages

- Additional impact sound insulation (see tested superstructures)
- Impact sound improvement of up to 30 dB depending on floor structure
- Additional thermal insulation
- Moisture-regulating
- Steam vapour-permeable
- Very pleasant to walk on
- Rapid installation
- Few tools required
- Wood as the sustainable raw material → recyclable
- Manufactured in the direct vicinity of Switzerland (Waldshut, Black Forest)
- Ecologically safe (natureplus® certified)

Installation instructions

- Comply with the guidelines of the flooring manufacturers.
- Store and work with the boards in a dry place
- Protect from moisture
- Create a dry, level, and technically perfect substrate
- Cut to size with a trimming knife
- Avoid cross joints
- 1 cm clearance from wall
- Note R values for underfloor heating
- If gluing is necessary (e.g. carpets), glue GUTEX Happy Step with carpet adhesive
- Note the legal requirements for handling wood dust



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