



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

