

Technical data sheet

Gutex Happy Step

Gutex Happy Step is the underlay designed to enhance walking comfort and provide impact sound insulation, for example with parquet flooring.

Ingredients

- Untreated fir and spruce wood
- 1,50 % Paraffine

Waste disposal

- Waste code numbers according to AVV: 030105, 170201



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Bulk density ρ [kg/m³]	~ 260
Nominal thermal conductivity λ_D [W/mK]	0,046
Vapour diffusion μ	5
Short-term water absorption [kg/m²]	≤ 2
Air flow resistivity [kPa s/m²]	≥ 100
Specific heat capacity [J/kgK]	2.100
Maximum working temperature [°C]	110
Fire reaction Euro Class as per EN 13501-1	E
Product standard	EN 13171:2012+A1:2015
Board designation	WF-EN13171:2012+A1:2015-T5-WS2,0-CS(10/Y)100-MU5-AFr100

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Product details

Joint type	flush-mount
Thickness [mm]	6
Length × width [mm × mm]	860 x 590
Cover dimensions: length × width [mm × mm]	860 x 590
Coverage: square metres per panel [m ²]	0,51
m ² per unit	0,51
m ² per packet	10,15
Weight per board [kg]	0,8
Weight per m ² [kg]	1,56
Items per pack	20
Packages per pallet	32
Items per pallet	640
Square metres per pallet [m ²]	324,74
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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Areas of application

- Base plate for pre-finished parquet and laminate flooring
- On substrates such as: concrete, screed, mastic asphalt, wooden floors, laying boards and dry screed elements

Advantages

- Additional impact sound insulation (see tested structures)
- Impact sound improvement of up to 30 dB depending on floor structure
- Additional thermal insulation
- Moisture regulating
- Vapour permeable
- High walking comfort
- Quick installation
- Low tooling requirements
- Wood is a sustainable raw material → recyclable
- Made in Germany (Black Forest)
- Natureplus® certified

Processing instructions

- The flooring manufacturer's guidelines must be strictly followed!
 - Store and install the tiles in a dry environment
 - Protect from moisture
 - Ensure the subfloor is dry, level and structurally sound
 - Cut to size using a carpet knife
 - Avoid cross joints
 - Leave a 1 cm gap from the wall
 - Observe R-values for underfloor heating
 - If bonding is required (e.g. with carpet), bond Gutex Happy Step using carpet adhesive
 - Legal requirements regarding the handling of wood dust must be observed
- Floor construction for different types of floor coverings

Cork:

- Adhere Gutex Happy Step to the subfloor over the entire surface using carpet adhesive
- Adhere the cork to Gutex Happy Step using carpet adhesive

Carpet:

- Adhere Gutex Happy Step to the subfloor over the entire surface using carpet adhesive
- Adhere the carpet
- With carpets, the panel joints may show through
- Not suitable for wheeled chairs; avoid high point loads (risk of indentations)

Pre-finished parquet/laminate:

- Lay Gutex Happy Step as a floating floor
- Lay pre-finished parquet or laminate as a floating floor (follow the manufacturer's guidelines)
- Install moisture protection if the subfloor is not dry

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Detailed designs

Laying pattern

