

GUTEX Happy Step is the ideal underlay for high-quality, interior floor coverings.

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| Technical Data | Happy Step |
|--|------------|
| Joint type | Butted |
| Thickness (mm) | 6 |
| Length x width (mm) | 860 x 590 |
| Square metres per sheet (m ²) | 0.51 |
| Weight per m ² (kg) | 1.56 |
| Weight per sheet (kg) | 0.8 |
| Sheets per package | 20 |
| Packages per pallet | 32 |
| Sheets per pallet | 640 |
| Square metres per pallet (m ²) | 324.74 |
| Weight per pallet (kg) | 540 |
| Bulk density (kg/m ³) | 260 |
| Vapour diffusion factor (μ) | 5 |
| sd-value (m) | 0.03 |
| Compressive stress/ strength (kPa) | 100 |
| Air flow resistivity (kPa s/m ²) | 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) | 0.046 |
| Nominal thermal resistance R_D (m ² K/W) | 0.10 |



Designation: WF-EN 13171-T5-W52,0-CS(10/Y)100-MU5-AF100

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
- Additives:
1.5% paraffin (hydrophobic agent)

Applications

- Underlay for prefinished engineered wood flooring, laminate flooring and fitted carpet
- Over concrete, screed, poured asphalt, wood, sub-floor boards and dry screed elements

Advantages

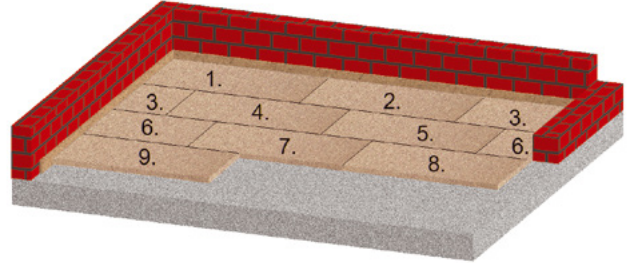
- Suitable for retrofitting to increase existing impact sound insulation
- Depending on the floor construction, it can improve the impact sound insulation by up to 30 dB.
- Ideal for upgrading the thermal insulation of existing structures
- Regulates humidity
- Water vapour diffusion permeable
- Impact softening makes floors more pleasant to walk on.
- Fast installation
- Fewer tools required for installation
- Wood is a sustainable, recyclable natural resource.
- Made in Germany
- Biologically harmless!

Installation

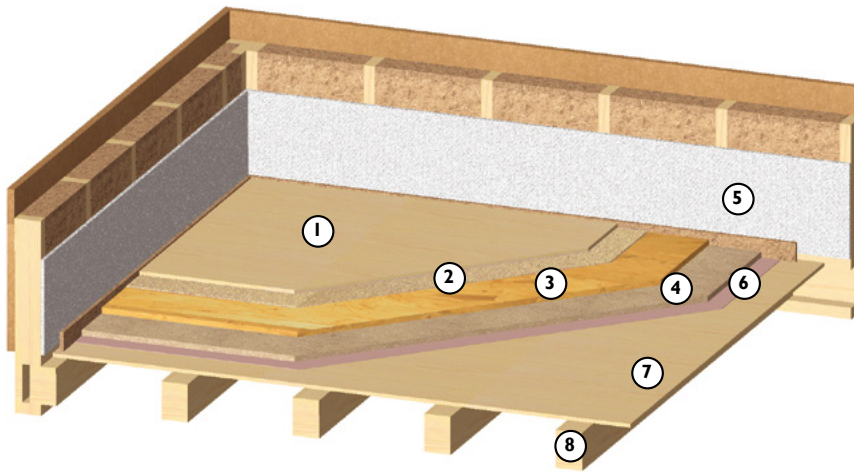
- To ensure proper performance, uncompromising compliance to the flooring manufacturer's guidelines is necessary!
- Store and install this product dry.
- Protect this product against moisture.
- Substrate must be dry, even and technically sound.
- Use a carpet knife to cut.
- Avoid cross joints.
- Maintain 1 cm distance to wall.

- If an adhesive must be used (e.g. carpeting) use a carpet adhesive to glue GUTEX Happy Step.
- Vacuum off the dust in accordance with applicable workplace safety regulations or practices.
- consider the R-value when installing a underfloor heating

Layout Pattern



Floor Construction



- | | | | |
|---|---|------------------------------|------------------|
| ① Prefinished engineered wood | ③ OSB board | ⑤ Edge strips | ⑦ Exposed liner |
| ② flooring/ laminate flooring GUTEX Happy Step | ④ GUTEX Thermosafe-wd GUTEX Happy Step | ⑥ Trickle protection barrier | ⑧ Exposed joists |

Floor Constructions for Different Floor Coverings

Cork:

- Glue full surface of GUTEX Happy Step with carpet adhesive to the sub-floor.
- Glue cork with carpet adhesive to GUTEX Happy Step.

Carpet:

- Glue GUTEX Happy Step to the sub-floor with full adhesive coverage.
- Glue the carpet.

- If delicate or low-pile carpets are used, the seams may show through.
- Not suitable for office chairs. Avoid applying excessive pressure to specific points, as this may create permanent recesses.

Prefinished Engineered Wood Flooring/ Laminate Floors

- Install GUTEX Happy Step, so that it floats.
- Install engineered flooring or laminate, so that it floats (compliant to manufacturer's instructions).
- If the substrate is subject to moisture ingress, provide suitable moisture protection.

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NATURALLY MADE FROM WOOD