

VibiStep

Edition september 2021



Tile floor

VibiStep - Mounting tiles directly

VibiStep for tile coatings covers cracks on the concrete slab, insulates and reduce impact sound. It is made of polyurethane and cork, and it can be used indoors for renovation and new production.

We recommend

VibiStep for stairwells, offices and public facilities.

Products in the package:

- The impact sound underlay, VibiStep 3 mm
- Vibisol Primer
- Vibisol Floor, Floor Glue
- Vibisol Edge, Edge strip
- Vibisol Mounting & Seal

Products in the package are delivered according to estimated required quantity

Dimensions and tolerances

VibiStep	Fine granules of polyurethane, cork and polyurethane elastomer as a binder
Color	Black and beige
Thickness	3 mm
Width	1,0 m ± 1,5%
Length	20 m ± 1,5%
Density	450 kg/m ³

Characteristics

VibiStep	Impact sound absorbing construction that provides impact sound improvement $L_w = 11$ dB with 8 mm tiles on 140 mm concrete floors in the lab. See RISE / SP report. Expected values 10-13 dB.
Other benefits	Easy to work with Cover cracks High compressive strength Tension reducing Can be used with underfloor heating
Environmental data-base	Svanens Husproduktportal Byggvarubedömningen Sunda Hus Basta Registered

Assembly instructions - DAY 1

Floor

The surface must be flat, solid and strong. Cracks, peaks, pores, burrs and other irregularities must be filled or grinded. It should be free from substances such as reduces adhesion (eg oil, dust, old paint, etc.)

Installation of underfloor heating systems must follow the supplier's instructions and be located under the impact sound underlay (system with leveling).

Priming

Grind and vacuum the floor. Prime with Vibisol PRIMER according to instructions.

Installation of VibiStep

Cut VibiStep to the size of the surface to be covered. It is easier to cut than to slit, and if there are many square meters to be laid, or if it happens regularly, an electric scissor should be used.

Fold back VibiStep and spread the glue with a toothed glue spreader or roller according to instructions for Vibisol FLOOR, Floor glue. Wet gluing or adhesive gluing. If adhesive gluing uses on the underlay, tile mounting can be done already after 4 hours the same day. Rub and press the underlay with a flat trowel, carpet rub or roller. No creases or air bubbles may occur.

Joints and possible gaps are sealed with Vibisol Mounting & Seal, Assembly glue. The glue is applied in the joint and smoothed out with steel putty.



Assembly instructions - DAY 2

Tiling

Newly glued impact sound underlay must be handled with care.

To minimize the risk of sound bridges, Vibisol's EDGE, edging at floor / wall angle, is mounted around columns and pipes.

Fix must not come into contact with wall, floor or thresholds. Fix must have an even and firm consistency when applied.

Minimum size of tiles is 10 x 10 cm. Minimum thickness is 7 mm. Laying of fragile materials such as natural stone, consult with supplier.

Dilatation joints must follow up in the coating. Floor areas larger than 40 sqm and longer than 8 m must be separated by movement joints. Floor surfaces must also be provided movement joints if it is L or U-shaped.

Floor plinth and fixed furnishings

When installing a tile base, it is important that the joint is sealed with an elastic joint. Before it is removed, the edging can be folded down and used as a level regulator for the base. If the edging has been removed before mounting, tile string can be used instead to secure the distance to the tile floor. If a wooden plinth is to be mounted, it is important that it is fitted at the bottom with a rubber strip type EPDM. It ensures both sealing and that the base does not short circuit the sound insulation.

For wardrobes and other fixed furnishings, the same applies to elastic strip mounted between the base of the wardrobe and the tile floor, or between the back and wall of the wardrobe. The strip can be of rubber strip type EPDM or equivalent. Mountings in the wall must be insulated with elastic washers in some form. No mute contact may occur. Then this type of work is likely to be part of another contract, it is important that the customer is informed.

Checklist

Day 1

- The underlay is flat, solid, strong and free from dust, oils, etc.
- Grind and vacuum the floor. Prime with Vibisol PRIMER.
- Cut VibiStep to suitable dimensions.

- Glue with Vibisol FLOOR, Floor glue. Wet or adhesive gluing.
- No creases or air bubbles may occur, use plain putty, mat rub or roll.
- Joints and possible gaps are sealed with Vibisol Mounting & Seal, Assembly glue.

Day 2

- Mount Vibisol EDGE, Edge band
- Use our approved fixes, see under Other products
- Dilation joints, see under tiling day 2
- Installation of floor plinth, fold down Vibisol EDGE. Floor plinth is mounted above the edging band
- Remove Vibisol EDGE, edge band.

Other products

Approved products to be used for VibiStep are:

- Alfix: Alfix Profix extra, Alfix Cerafil 10 colour, Alfix
- M-silicon
- Mapei: Kerabond T + Isolastic, Ultralite S2 or Keraflex Maxi S1, Ultracolor Plus or Special sealant, cement-based or epoxy.
- Mapesil AC or Mapesil LM.

There are a number of additional products that can be used for VibiStep. Contact Vibisol for advice.



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