

weber.floor acoustic

Impact sound insulation roll

Impact sound insulation separating membrane under thin screeds in renovation works

Fields of application

weber.floor acoustic is laid unbonded on the subfloor under high-flow thin screeds in new constructions or renovation projects. It is particularly suitable for renovation and refurbishment works whenever low installation heights are available.

Description

weber.floor acoustic is a factory-made, impact sound insulation roll with a core of glass wool and a one-sided lamination of glass fiber-reinforced aluminum foil.

Main features

- easy and quick to use thanks to roll-out mat
- with self-adhesive foil overlap
- integrated dividing layer
- printed with raster (10 cm x 10 cm)
- material thickness 15 mm
- high impact sound reduction
- good thermal insulation properties

Technical values

- thickness, width and length of the roll: 15 mm - 1.2 m - 8.1 m
- resistance to fire: A2 s1, d0
- nominal value of thermal conductivity: 0.033 W/mK
- impact sound reduction with a 30-mm screed: ΔL_w up to 29 dB (according to EN ISO 10140 and 717-2)
- impact sound reduction with a 40-mm screed: ΔL_w up to 31 dB (according to EN ISO 10140 and 717-2)
- compressibility [c]: CP3
- dynamic stiffness [s]: SD15

- allowed traffic load on surface and on individual points: up to 2 kN/m²
- CE marking according to EN 13162: SD15 – T6 – CP3 – MUI

Quality control

weber.floor acoustic is subject to a regular quality control by self-monitoring.

General notes

- The specified impact sound reduction results from our laboratory investigations and measurements at external testing institutes.
- The actual impact sound reduction on the construction site depends on its respective specific conditions.
- In case of doubt, test surfaces must be laid out on site and acoustic measurements carried out.
- Before installation, allow the material to acclimatize to the room climatic conditions.

Substrates

All clean and level substrates are allowed.

Substrate preparation

- The substrate must be permanently dry and level.
- Ensure full contact of the insulation with the substrate.
- The substrate must be pre-treated according to the weber.floor substrate recommendations, primed and levelled with a suitable smoothing mortar or levelling compound, in order to level out unevenness and strongly structured surfaces.

Working instructions

- Lay out the impact sound insulation roll in the room and seal it with the self-adhesive foil overlap.
- Tape the edge strips tightly.
- Lay a load distribution layer in form of a suitable screed, for ex. weber.floor 4365.

Practical information

Storage:

The product can be stored at least 2 years, if stored cool, dry and upright.

Packagings

Type	Sales unit	Number / euro-pallet
Roll	9.72 m ² /roll	6 rolls