

FloorBridge® Epoxy mortar 300

Stable Epoxy mortar

Areas of Application:

Pressure-resistant epoxy mortar for reprofiling under FloorBridge joint profiles.

Advantages: mechanically resilient
good penetrating properties
plasticiser-free
easily applied

Product Data:

Packaging/Colour: Combination pack, consisting of:
2.5 kg mixing bag epoxy resin transparent
12 kg quartz sand mixture
1 pair of disposable latex gloves
1 flat brush 5 cm,
1 primer container

Marking: CE-marked according to EN 13813
Giscode: RE 55
VOC: EU limit value: max. 500 g/l; product contains less

Technical Data:

Application time: Approx. 15 minutes at 20°C
Overcoating: Wait at least 2 hours, max. 6 hours between coats.
In case of longer waiting times, sprinkle the fresh surface evenly with fine, oven-dried quartz sand or grind before the next work step.

Curing time: Can be walked on after 1 day at 20°C, mechanically loadable after 3 days, fully loadable after 7 days.

Coverage: Approx. 2 kg/m²/mm ready-mixed mortar, depending on substrate conditions.

Compressive strength: > 70 N/mm², when fully cured
Mixing ratio: Quartz sand mixture : resin = 6 : 1 parts by weight
Density: 1,10 kg/l, when fully cured

Higher temperatures generally shorten, lower temperatures generally lengthen the indicated times.

Application Conditions / Limitations:

Substrate Temperature: +8°C to +30°C
Air Temperature: +8°C to +30°C
Material Temperature: +8°C to +30°C

The relative air humidity must not exceed 80 %.

Application Instructions:

Substrate Conditions:
The substrate must be sufficiently load bearing (compressive strength min. 25 N / mm²). The substrate must be fine-grained, solid, dust free, dry, free of grease, oil and other contaminants and free of loose and sanding parts. The pull-out strength must not be less than 1.5 N / mm². If necessary, the substrate must also be dried (residual moisture content in concrete max. 4%).

Mixing:

Open the outer packaging and remove the separating rod from the transparent multi-chamber bag. Mix both resin components by intensive kneading (approx. 60 seconds). Mix the blended mass with a slow running electric mixer approx. 300 - 400 rpm. Repot the mixture and mix again- a minimum mixing time of 3 minutes must be observed to also avoid streaking due to insufficiently mixed material. ½ kg resin mixture is provided as primer. Add the rest of the resin to the quartz sand mixture while stirring continuously and mix intensively.

Application:

Apply the epoxy mortar fresh in fresh into the wet primer or onto the already hardened but sand strewn primer. After a short waiting time, the epoxy mortar is compacted and smoothed with a plastic- or stainless-steel trowel.

Cleaning of Tools:

Tools can be cleaned with commercially available cleaners. Cured material can only be removed mechanically.

Curing Conditions:

Notes:

Time-information given above can be shorter at higher temperatures and can be longer at lower temperatures. Application tools and equipment used, and different site conditions have an influence at the given consumption rates. They therefore can change. Don't mix and apply the product with non-system products. Do not use other materials than those recommended by FloorBridge. All technical values given are based on results determined at + 20°C and at a relative humidity of 50 %. Due to weather influences like wind, humidity or temperature, the declared values can change accordingly. Primers must always be applied to fill the pores, a second primer coat may be necessary. Product is not colour-stable under UV and weather conditions.

Safety Information:

Important Safety Information:

For detailed information refer to the most recent Safety Data Sheet at www.floorbridge.com

Disposal:

Larger product residues must be disposed of in the original packaging in accordance with the applicable regulations. Completely emptied packaging must be taken to the recycling system. Do not dispose of with household waste. Do not empty into drains or sewers.

Storage Conditions / Shelf Life:

Store dry in the unopened original container at a storage temperature between + 5°C and 30°C. 24 months from date of production. Protect from direct sunlight.

Legal Notes:

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