

DATA SHEET

Prim Epoxy/ Epoxy primer

Description

Harmony Epoxy Primer is a two-component liquid epoxy adhesive, activated by mixing. It is designed for application as a primer on wet base surfaces, such as showers, sinks, washbasins or, more generally, any base surface which is in regular contact with water or humidity, prior to the application of Harmony Waxed Concrete.

Harmony Epoxy Primer must be applied as a primer to tiling or any type of screed, including anhydrite screed, prior to the application of Harmony Smooth Concrete.

Over conventional acrylic primers Harmony Epoxy Primer has the advantage that it prevents rising damp, increases the grip and reduces the risk of blistering.

Characteristics

Type: Two-component resin

Density: A + B: $1,06 \pm 0,02$

Dry extract: 100%

Flash point: $> 100 \text{ }^{\circ}\text{C}$

Packaging: 1kg, 5kg, 25kg

total weight of 25 kg-Sets: component A: 9 kg, component B: 16 kg,

total weight of 5 kg-Sets: component A: 1,5 kg, component B: 3,5 kg,

total weight of 1 kg-Sets: component A: 0.3 kg, component B: 0,7 kg

Dosage: 200g/m²

Drying time: 30 minutes to 2 hours, depending on the type of substrate and the ambient temperature.

Recoatible: At least 24 hours after application.

Storage: 6 months in unopened original packaging, stored in a dry and frost-free location.

Guarantee: Manufacturer's liability

Tools & Cleaning

Mixer, roller, protective gloves.

Clean tools with acetone after use.

Prepare the support

The base surface must be resistant, sound, solid, clean, dry and free of humidity.

Use Harmony neutral agent or Harmony degreaser for any cleaning required (to remove grease, oil etc).

On new flooring and/or in building which has yet to be occupied, a minimum waiting time of 36 hours is advised, subject to compliance with the drying time for the foundation slab.

Application for repairing cracks

Open the crack with the help of a diamond grinding wheel. Extract dirt particles with a blower or air compressor. First fill the gap with the epoxy resin primer (make sure that component A and component B are well mixed) and then apply the same mixture with the roller over the surface again.

Let it dry for 48 hours.

Application to prime the surface

The ambient temperature, and the temperature of the base surface, must lie within a range of + 5° to + 30 °.

The mix will remain workable for 15 minutes. It is advised that two people should be available to apply the mix.

If this is not possible, and depending upon the area to be covered, divide component A and component B into a number of batches, then mix progressively as work proceeds.

Example: in the case of a 5 kg kit, divide component A into two batches and component B into two batches.

Pour component B of Harmony Epoxy Primer into component A and mix using a stirrer operating at low speed to form a uniform paste.

Apply Harmony Epoxy Primer to the surface immediately using a roller. For large surface areas, use the 250 or 500 mm PermaPro special floor nozzle.

Screen by the progressive application of Harmony Sand as the application of Harmony Epoxy Primer proceeds, at a ratio of 25 kg of sand per 10 m².

In case of application to a base surface which is in regular contact with water or humidity (shower, washbasin, etc.), Harmony Epoxy Primer should be applied to the surface by roller, prior to the application of Harmony Waxed Concrete.

Allow to dry partially, then apply Harmony Waxed Concrete to the still slightly damp surface.

Allow to dry for a minimum of 24 hours before removing the surplus sand.

After vacuuming the sand, it sometimes happens that the sand does not stick in some places.

This phenomenon is due to a lack of epoxy resin during application. Mostly this does not cause any problems as long as these gaps are small / do not exceed the palm of the hand. If there are large areas, you can re-apply epoxy at these locations.



Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

The information included in this data sheet is derived from our knowledge and experience of products. In the light of the wide range of potential uses and forms of application, together with constraints associated with conditions of application or subjective conditions, the data contained herein are provided for information only, and have no legal value. Before any application, it should be checked that the present data sheet has not been superseded by a subsequent version. Version of 16/10/2018. www.harmony-beton.com

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