

## TECHNICAL DATA

### Product name

## HIGH QUALITY EPOXY PRIMER EPX2

### Description

Product line: Solvent-free epoxy primer.

Description of parts, if multi-part: Part A: base, Part B: hardener.

Fields of application: Preparation of surfaces before applying a decorative coating, such as waxed concrete or epoxy resin.

Advantages: Excellent adhesion, good chemical insulation, does not shrink, use as a primer to provide a film coating or as sand mortar, to compensate slight differences in level (ideal for joints on tiled surfaces).

### Application

Base surface and surface preparation: Concrete, mortar, wood agglomerate, cellular concrete, plaster panels, tiled surfaces, etc. Surface in good condition, dry, consistent and clean (notably no dust, no trace of grease, paint or carbonation, etc).

Concretes and mortars should be at least 28 days old. If necessary, the base surface should be roughened mechanically.

In the case of a tiled surface, all the tiles should be properly grouted and joints should be perfectly consistent and clean.

Mixing proportions:

Film coating application: A/B by weight: 67/33, i.e. 67 grams of part A for 33 grams of part B.

Application as mortar: Add 100 to 200 grams of sand SQ10 for 100 grams of high quality epoxy primer EPX2.

Scraped surface: Add 200 grams of sand SQ10 for 100 grams of high quality epoxy primer EPX2.

Thinning: Do not thin.

Equipment: Roller for film coating application, trowel or ribbed trowel for application as mortar.

Ambient conditions: +10°C < ambient temperature < +30°C, relative humidity < 80%.

The base surface temperature must be at least 3°C above the dew point, in order to avoid any condensation phenomenon.

Base surface humidity < 4%.

Utilisation: Mix part A and part B using a mechanical mixer (low speed to minimise air bubbles) for 3 minutes, to obtain a consistent mixture.

**Film coating application on plane surface:** Apply the epoxy primer in 2 coats.

Sprinkle with sand SQ10 while the second coat is still wet if you wish to obtain a smooth fine mortar.

Sprinkle with sand SQ30 while the second coat is still wet if you wish to obtain a self-smoothing indoor mortar.

Always sprinkle the sand evenly, vacuum off any excess when the primer is dry and check that the surface is fully covered. This is the key to good adhesion.

**Application as mortar to compensate a slight difference in level:** Apply a coat of film coating epoxy primer.

Apply the epoxy mortar over the film coating primer while the primer is still tacky. Sprinkle with sand SQ10 while the epoxy mortar is still wet.

**Application as mortar in joints between tiles:** Scrape the epoxy mortar into the joints between the tiles. If any recesses remain after drying (if the joints are deep), reapply and scrape again. When the mortar is dry, apply a film coating of epoxy primer over the entire surface area. Sprinkle with sand SQ10 or SQ30 while the epoxy primer is still wet.

Drying time: At 20°C:

Between coats: 8 hours.

Dry for light handling: 24 hours.

Before covering with a decorative coating: At least 24 hours.  
Fully dry: 8 days.  
Cleaning tools: Epoxy and polyurethane cleaner.

### **Technical characteristics**

Appearance in tin: Part A: clear liquid, Part B: clear liquid.

Finished appearance: Transparent film.

Specific gravity: Part A: 1.1, Part B: 1.0

Covering ability:

Film coating application: 300 to 500 g/m<sup>2</sup> in 2 coats, depending on surface porosity.

Application as mortar: around 2 kg (primer + sand)/m<sup>2</sup> for mortar 1 mm thick.

Utilisation time: Around 45 minutes at 20°C.

Other data: -

### **Storage**

2 years in its original unopened pack, sheltered from sunlight, freezing and humidity, in a cool and well-ventilated place.

For further safety information, refer to the safety data sheet.

VOC content is also specified in section 15 of the safety data sheet.