



Features

Primer EP 01 is a high end 2 component Epoxy resin-based primer with following key properties:

- 100% Epoxy
- Solvent-free
- Good penetration
- Excellent adhesion to concrete and metal
- Excellent mechanical and chemical resistance
- Possible to broadcast sand and increase adhesion
- Consolidating properties

Application

It can be applied on most of the requirements of:

- Primer and thin screed for Epoxy floorings
- Traditional concrete screeds
- As a primer for FF Epoxy Terrazzo systems

Appearance

Two component Resin and Hardener

Specifications

Output/Coverage

150–200 gm/m² for first coat and 250 to 400 gm/m² in two coats. The yield of the product is theoretical and will vary depending on the porosity or the flatness of the surface to be treated.

Base Surface Preparation

Always use suitable instruments to check the moisture content in the subfloor. The subfloor to be treated must be compact, free from flaky particles and compliant with relevant standards. Any surface defects, such as cracks or crevices should be treated by mixing fine sand (not marine sand) with Primer EP 01 to obtain a homogeneous mortar.

Before application, make sure that there is an appropriate vapour barrier in place in case surface moisture exceeds 4%.

Base concrete surface should have a compressive strength of minimum 20 mPa and minimum pull of values of over 1.5 mPa.

Surface must be suitably degreased with a degreasing solvent (e.g., toluene, acetone etc.) if required.

Application/Installation Method

Stir well to mix individually both the components before use. Use a slow speed stirrer to mix both the content till homogeneity is achieved

Apply the first coat of Primer EP 01 with a roller or brush. Leave to dry in a ventilated room for minimum overnight minutes in suitable environmental conditions at +15°C– 30°C and 50–70% RH. (Otherwise, optimal results may not be achieved, and drying times may vary).

If necessary (usually in case of porous surfaces), apply a second coat of Primer EP 01 thereafter. If applying as a leveller, fine sand can be mixed into the primer. For increased adhesion locking, suitable quartz sand may be broadcasted on the last coat of primer. After approximately 2 hours remove any excess sand.

Curing

Drying time overnight, and final cure in 3-7 days depending on ambient conditions. Wait for 2 hours between 2 coats. Final cure is between 4 to 6 hours from application.

Packing

5 kg plastic container for Part A and 1.75 kg in bottle for part B

Shelf Life

Minimum 6 months from date of purchase.

Precautions

The product is intended for professional use and with proper PPE equipment only. Proper preparation of base, and use of a suitable and effective moisture vapour barrier is required for substrates on grade or below grade.

Before use of material, premixing of Part A of resins may be required before use to achieve uniform colour dispersion.

Avoid puddles on the surface with the primer.

Work in temperature ranges between 12 to 30 °C

Technical Support

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Disclaimer

Any recommendations for application techniques are based on experiences. It is advisable to adapt processing techniques and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery. Test areas are strongly recommended before usage/execution in larger areas.

Health Precautions

Please use usual care required for handling chemicals and use suitable Personnel Protection Equipment. Please ask for safety data sheets.

Disposal

Dispose of in compliance with the local and national regulations in force.

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