

IMPLAREST® EPW

Two-component water-based epoxy primer/bonding bridge for preparing damp and dry surfaces

DESCRIPTION

Two-component water-based epoxy primer/ bonding bridge for preparing damp and dry surfaces.

TECHNICAL CHARACTERISTICS

Product made with epoxy resin and a polyamine hardener.

ADVANTAGES AND USES

- Primer suitable for new or old substrates; apply before repairing cement-based, elastomeric, or epoxy coatings.
- Suitable for dry and damp surfaces.
- Water-based.
- Excellent adhesion and consolidation of the substrate.
- Fast application and curing process.
- Deep penetration capacity.

SUITABLE SUBSTRATES

- The substrate should be sound, clean, free of grease, oil, dust and friable parts. It should be structurally solid; with a minimum compressive strength of 25 N/mm² and a resistance to traction of 1.5 N/mm².
- Open the pores of the surface by blast cleaning or scarifying to ensure good penetration.
- Dry the substrate until the surface water disappears so as to prevent the pores being saturated and the adhesion impaired.

APPLICATION PROCEDURE

MIXING:

- Pour component B into component A, ensuring that both are fully mixed and that the correct proportions are used.
- Mix them together mechanically at low speed for 3 minutes (less than 300 rpm), until the mixture is completely homogenous. DO NOT MIX MANUALLY.
- Avoid air entrapment during mixing.

APPLICATION:

- Apply the product on the surfaces, with a roller or brush. Cover the whole surface, the shine of the product will show where it has been applied.
- Two coats are recommended on high porosity concrete. The first coat can be diluted up to a maximum of 10% in water weight. Do not add water to the product for the second coat

CURING PROCESS:

- The cure rate of the mixture depends on the temperature of the components, the substrate and the environment.
- The coats following the primer should be applied within 12-24 hours of applying IMPLAREST EPW.
- If more than 24 hours after, the surface should be rubbed down with sandpaper and a new coat of IMPLAREST EPW applied.

RECOMMENDATIONS

WATERPROOFING MORTARS

IMPLAREST® EPW

PACKAGING AND STORAGE

TECHNICAL DATA

LEGAL DISCLAIMER

- Do not mix at temperatures below +10°C or above +20°C.
- To improve the roughness and therefore the adhesion of the subsequent coats, always sprinkle 0.3 mm to 0.5 mm dry quartz sand until saturation with the primer still fresh.
- The application should be done when the temperature is constant or is decreasing so as to prevent the formation of bubbles in the primer.
- Epoxy-based product that can irritate the skin, so wearing gloves, protective glasses and safety overalls is always recommended.
- All tools and utensils should be cleaned with a solvent immediately after use, to prevent the material hardening and then having to be removed by mechanical means.
- Consult the Technical Department for any application not specified in this Technical Datasheet.
- For further information regarding the safe handling, transport, storage and use of the product, check the label and the latest version of the Product Safety Datasheet.

Pre-proportioned 2 component kits:

- Component A: 3 Kg
- Component B: 1 Kg

Shelf life: 24 months in its sealed original packaging, sheltered from weather conditions and humidity.

(Statistical data obtained under standard conditions)

Appearance of the mixture	White liquid
Density	Approx. 1.07 g/cm ³
Mixture viscosity	1000 cPs
Pot life of the mixture at 21°C	Approx. 60 mins
Complete curing process	7 days
Adhesion to dry concrete	Exceeds its cohesion
Minimum temperature for application	10°C
Yield depending on substrate	200-350 g/m ²
Time for applying subsequent coats	12-24 hours

The instructions for use are given according to our tests and knowledge and do not imply any commitment by GRUPO PUMA nor free the consumer from the examination and verification of the products for their correct use. Claims must be accompanied by the original packaging to allow a proper traceability.

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