

PR Epoxy DPM Primer

A two-component, solvent-free epoxy damp proof membrane and moisture mitigating primer.

PR Epoxy DPM Primer is designed to seal damp or wet concrete, cement and other substrates up to 98% relative humidity prior to overcoating with resin finishes.

Advantages

- *Inhibits water vapour transmission and isolates moisture*
- *Facilitates the overlayment of "green" concrete*
- *Offers outstanding adhesion to concrete*
- *Allows early laying of floor covering*
- *Can accommodate relative humidity up to 98%*
- *Cost effective*
- *Easy to apply*

Application Guidelines

Substrate Preparation

New concrete should be at least 21 – 28 days old or the moisture content less than 5%. The substrate should be clean, free from laitance, oil, grease or other agents, which may impair adhesion.

Techniques should include (depending on degree of contamination) acid etching, light mechanical scabbling, blasting, grinding or degreasing. All residues must be removed to provide a dust free, open textured surface.

Existing concrete floors should be sound; preparation methods may involve the patching of floor areas with PR Epoxy Patch Repair System.

Technical Data

Packaging (Unit Size/s)

Clear: 4.80 kg or 9.60 kg

Pigmented:

5.00 kg or 10.00 kg

Approx coverage

0.32 kg / m²

Colour

Clear, White, Brick Red & Mid Grey

Density

1.03 – 1.08 g / cm³

Min. application temperature

5°C

Usable time (1.0 kg mix)

40 – 50 minutes

Shelf life

12 months

Storage temperature

5°C – 35°C

Light traffic

18 – 24 hours

Full traffic

48 – 72 hours

Full chemical cure

7 days

The typical physical properties given above are derived from testing in a controlled laboratory environment at 20°C. Results derived from testing field applied samples may vary dependent upon site conditions.

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Mixing

You must pour the total quantity of Curing Agent Component B into the Epoxy Resin Component A container and mix thoroughly using a slow speed industrial hand drill.

Application

In order to achieve good surface damp proof membrane properties it is advisable to apply two coats.

Apply the first coat by squeegee and roller and allow to cure until tack free, which usually takes between 8 – 15 hours, depending on the temperature.

The second coat should be applied within 24 hours by also using squeegee and roller (a light scatter of 60's mesh dry silica sand can be applied while curing, in order to improve the inter coat-adhesion of the resin topping or coating).

Cleaning

PR Tool Cleaning Solvent should be used to clean tools – **do not use on hands.**

Health & Safety

It is recommended that barrier creams, gloves and protective clothing be used when working with PR Epoxy materials. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin wash immediately with plenty of soap and water.

For full details see separate Health & Safety Data Sheet.

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