

PR Solvent Free Epoxy Primer (High Moisture Tolerance)

A two-component, solvent-free, moisture tolerant epoxy primer.

PR Solvent Free Epoxy Primer (High Moisture Tolerance) is designed to seal and prepare concrete, cement and other substrates prior to overcoating with resin finishes that has become damp as a result of water spillage or rain.

Advantages

- *High moisture tolerance*
- *Solvent free*
- *Good curing performance, under a variety of conditions, including, high humidity and temperatures as low as 5°C*
- *Excellent adhesion to a variety of substrates*
- *High chemical resistance*
- *Low odour, suitable for use in food factories*
- *Good surface finish, with good resistance to carbamation, amine blush and water spotting*
- *Reasonably long "pot life" giving adequate time to use the product*

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.

Technical Data

Packaging (Unit Size/s)

4.80 kg
9.60 kg

Approx coverage

0.25 – 0.33 kg / m²

Viscosity

6 – 10

Min. application temperature

5°C

Flash point

>100°C

Usable time (1.0 kg mix)

35 – 40 minutes

Shelf life

24 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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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.

Mixing

PR Solvent Free Epoxy Primer is supplied in pre-weighed packs.

Add all the contents of Curing Agent Component B to Epoxy Resin Component A and mix thoroughly. Once mixed the primer should be immediately applied.

PR Solvent Free Epoxy Primer (High Moisture Tolerance) should be allowed to become tack free prior to the application of PR Self-Levelling Epoxy Flooring System No. 2 and PR Solvent Free Epoxy Coating.

Application

PR Solvent Free Epoxy Primer (High Moisture Tolerance) is applied to the prepared substrates by roller or brush, ensuring a continuous film. Avoid over-application and puddles. Porous floors may require two coats.

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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