

PR Water Dispersible Epoxy Primer

A two-component, water-based, vapour permeable, epoxy primer offering low viscosity characteristics.

PR Water Dispersible Epoxy Primer is designed to seal and prepare damp, wet or dry concrete, cement and other substrates prior to overcoating with resin finishes.

Advantages

- *Excellent adhesion to correctly prepared concrete substrates*
- *Low viscosity giving good penetration properties*
- *Tools can be cleaned with water, provided initial cure of resins has not taken place*
- *Very low odour*
- *Improves the resistance of concrete to many industrial chemicals*
- *Low cost and 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)

5.00 kg

Approx coverage

0.13 – 0.15 kg / m²

Min. application temperature

10°C

Usable time (1.0 kg mix)

1.0 – 1.5 hours

Shelf life

12 months

Storage temperature

5°C – 30°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

PR Water Dispersible 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.

Application

PR Water Dispersible Epoxy Primer 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 of PR Water Dispersible Epoxy Primer.

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.

All PR Epoxy products are manufactured to a high standard of quality. Whilst we aim to ensure that any advice, information or recommendations given are reliable and correct, the Company cannot accept any liability directly or indirectly arising from the use of its products, as we have no direct or continuous control over where or how its products are applied. No undertaking can be given against infringement of any patented processes.

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The Court, Kestrel Road, Trafford Park, Stretford, Manchester M17 1SF
w: prepoxy.com | e: hello@prepoxy.com | t: +44 (0) 1618 727 618

PR Epoxy Systems Ltd trading as PR Epoxy, part of Vebro Polymers Holdings Limited.
Registered in England & Wales. Company number: 12261265.
Registered office: The Court, Kestrel Road, Trafford Park, Stretford, Manchester M17 1SF

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