

PR Water Dispersible Epoxy Coating

A two-component, water-based, pigmented epoxy coating.

PR Water Dispersible Epoxy Coating is designed to provide a protective, vapour-permeable, semi-gloss finish coating on primed concrete, cement and other substrates.

Advantages

- *Non-flammable*
- *Water based, can be thinned*
- *Solvent free*
- *Odour free*
- *Bonds to damp surface*

Application Guidelines

Substrate Preparation

New concrete should be at least 21 – 28 days old or the moisture content less than 5%.

Standard Colours



Please note: RAL colour references are given as a guide only. Samples are available on request. For porous surfaces, very light colours and pastel shades may require extra coats. Other colours are available on request, however an extra charge will apply depending on requirement. Minimum order quantity must be at least 20 units.

Technical Data

Packaging (Unit Size/s)

5.40 kg

Approx coverage

0.14 – 0.15 kg / m²

Specific gravity

1.20 – 1.25 (A+B)

Min. application temperature

10°C

Usable time (1.0 kg mix)

40 minutes

Shelf life

12 months

Storage temperature

5°C – 35°C

Chemical resistance

Resistant to a very wide range of chemicals, however we recommend that any specific chemical resistance properties should be cleared with our Technical Department before use.

Light traffic

6 – 8 hours

Full traffic

24 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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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), light mechanical scabbling, blasting, grinding or degreasing. All residues must be removed to provide a dust free, open textured surface. Acid etching should also be considered, ensuring that all of the acid is removed before the coating is applied, as the presence of acid will alter the PH of the coating, which could lead to a breakdown in the emulsion and poor brushable properties.

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

Mixing

Add the full contents of Curing Agent Component B to the contents of Epoxy Resin Component A and mix thoroughly until an even colour is obtained.

Application

On dense concrete PR Water Dispersible Epoxy Coating may be thinned with 5% - 10% water to ensure maximum penetration into the substrate.

Application on all surfaces is by brush or roller ensuring complete coverage of the substrate. The second coat should be applied within 24 hours and preferably as soon as the first coat is touch dry.

If a non-skid finish is required then oven-dried aggregate can be applied to the first

or second coat whilst still tacky, depending on the finish required.

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.