

# PR Solvent Free Epoxy Coating (Standard Build)

A two-component, solvent-free, general purpose, pigmented epoxy standard build coating.

PR Solvent Free Epoxy Coating (Standard Build) is designed to provide a wear-resistant, gloss-finish coating on primed concrete, cement and other substrates.

## Advantages

- *Solvent free, low odour and suited to use in the food industry*
- *Hygienic, provides an easy to clean, dust free surface*
- *Good chemical and wear resistance*
- *Hard wearing, good abrasion resistance withstands foot and light vehicular traffic*
- *Available in a wide range of colours*

## 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)

5.00 kg

### Approx coverage

0.20 kg / m<sup>2</sup>

### Specific gravity

1.20 – 1.25 (A+B)

### Min. application temperature

5°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

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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## 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.

### 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

Apply by brush or roller; re-coating should take place as soon as possible to achieve good intercoat adhesion properties, preferably on the following day. If more than one day elapses between coats, abrade the surface lightly with glass paper, before re-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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