

PR Self-Levelling Epoxy Flooring System No. 2 (2.0 – 4.0 mm)

A three-component, general-purpose, pigmented epoxy self levelling flooring system.

PR Self-Levelling Epoxy Flooring System No. 2 is designed to provide a hard-wearing and wear resistant epoxy flooring system between 2.0 - 4.0 mm.

Advantages

- *Good self-levelling properties – easy to apply*
- *Solvent free, hygienic and easy to clean*
- *Good chemical resistance*
- *High impact and abrasion resistance*
- *Excellent adhesion to a variety of substrates*
- *Good colour and colour stability*
- *Good curing performance at low temperatures*
- *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)

20.66 kg

Approx coverage

2.0 mm: 3.44 kg / m²

3.0 mm: 5.17 kg / m²

4.0 mm: 6.89 kg / m²

Min. application temperature

8°C

Usable time (1.0 kg mix)

Standard Cure: 60 minutes

Fast Cure: 30 minutes

Compressive strength (ASTM D645)

62 N/mm²

Flexural strength (ASTM D790)

38 N/mm²

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

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Application Guidelines

Substrate Preparation

To achieve the best performance out of any of our flooring systems, preparation is very important, this cannot be over-emphasised, insufficient attention to this step in the application, may cause premature failure in an otherwise sound floor.

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.

Priming

All floors must be thoroughly sealed with PR Solvent Free Epoxy Primer prior to the application of PR Self-Levelling Flooring System No 2.

PR Solvent Free Epoxy Primer is supplied in pre-weighed packs to ensure that the curing agent component is added to the resin base and mixed thoroughly. PR Solvent Free Epoxy Primer is applied to the prepared substrate by roller or brush ensuring a continuous film over the entire floor.

Mixing

PR Self-Levelling Epoxy Flooring System No 2 is supplied in pre-weighed packs and to obtain the best results should be mixed in a forced action mixer such as Daines, Mega-Mixer, and Mixal etc.

Add the Curing Agent Component B to the pigmented Epoxy Resin Component A, mix thoroughly until a uniform colour is formed.

Transfer the mixed system to a mixing vessel and slowly add the graded Filler Component C and continue mixing for 3 – 5 minutes until homogeneous.

Application

Pour the mixed material onto the pre-sealed substrate and spread to the required level by steel trowel. Immediately after steel trowelling use spiked rollers, to aid the release of air.

Expansion Joints

All existing joints in the substrate should be followed through into the PR Self-Levelling Epoxy Flooring System No 2.

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.