

EP PREMIER PRIME

Solvent Free Epoxy Primer

DESCRIPTION

EP PREMIER PRIME is a two-part, 100% solids, solvent free, high build epoxy resin primer. Designed as a universal primer for treating concrete floors, it's low viscosity offers maximum penetration and adhesion qualities. For improved chemical resistance use **EP PREMIER PRIME CR** or for rapid cure use **EP PREMIER PRIME XFH**.

EP PREMIER PRIME when used in conjunction with the PREMIER Hot Compressed Air preparation system on oil contaminated floors for example, will thin to a very fluid consistency on the warm surface, gaining maximum penetration, locking and sealing into the concrete pores.

EP PREMIER PRIME is compatible with all epoxy flooring products within the PREMIER range.

SURFACE PREPARATION

All surfaces to be treated must be thoroughly clean, dry and free of loose material. Preparation by Vacuum Assisted Shot Blasting or Diamond Grinding are both ideal methods. Oil, water or other liquid contamination should be driven out using the PREMIER Hot Compressed Air system.

MIXING

The contents of container labelled **EP PREMIER PRIME** Part 'B' (Hardener) should be added to container labelled **EP PREMIER PRIME** Part 'A' (Resin) and thoroughly mixed together using an electric paddle mixer or similar. Failure to mix thoroughly will result in poor or non-cure applied material.

APPLICATION

Apply the mixed **EP PREMIER PRIME** immediately by brush, roller or squeegee. Particular attention should be given to areas around obstructions and protrusions making sure that all the surfaces are covered.

If an anti-slip finish is required a chosen aggregate should be added at a predetermined rate into the tacky **EP PREMIER PRIME**.

COVERAGE

The coverage rate will be affected by the porosity of the surface and it's texture. **EP PREMIER PRIME** has a typical coverage rate of 3 - 5 sqm per kg.

FINISHED FILM THICKNESS

Dependent on the porosity of the substrate the film thickness achieved will be between 316 and 190 microns

COLOUR

EP PREMIER PRIME is colourless and translucent.

POT LIFE/CURING TIME

The pot life of unmixed **EP PREMIER PRIME**, stored in a cool, dry atmosphere, free from frost, is 12 months. The mixed materials pot life is approximately 30 minutes at 20°C.

An initial cure will occur within 8-12 hours with a full chemical resistant cure achieved within 7 days. The early overcoating within 36 hours will provide a chemical bond between the

INDUSTRIAL FLOORING

applied coats as the curing process proceeds across the surface interface.

TEMPERATURE OF APPLICATION

Recommended temperature of application is between 5°C and 25°C, for temperatures below or above special formulations are available.

PHYSICAL PROPERTIES (APPROX)

Compressive Strength	72 N/mm ²
Flexural Strength	94 N/mm ²
Tensile Strength	52 N/mm ²
Elastic Modulus	3.4KN/mm ²

PACKAGING

EP PREMIER PRIME is supplied in two containers. Part 'A' (resin) and Part 'B' (hardener) see PREMIER Price List for unit sizes available.

CLEANING OF TOOLS AND HANDS

Tools, brushes etc. should be cleaned immediately after use in PREMIER Solvent Cleaner. Cleaning of hands, use PREMIER Organic Hand Cleaner.

HEALTH & SAFETY PRECAUTIONS

Before using this product please ensure you have been supplied and have read carefully the following:

1. The hazard label (complying with CHIP regulations 1995) applied to the container.
2. Material Safety Data Sheet.

HOW TO SPECIFY

It is to be used to..... (give details of project and number of coats required). Mixing and application of the product must be carried out in accordance with the manufacturers instructions.

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The figures quoted do not constitute a specification. They represent typical values obtained for this product.