

EP PREMIER FLOW

Solvent Free Epoxy High Build Coloured Coating

DESCRIPTION

EP PREMIER FLOW is a two-part, 100% solids, solvent free, high build coloured epoxy resin coating. For improved chemical resistance use **EP PREMIER FLOW CR**.

SURFACE PREPARATION

EP PREMIER FLOW should only be applied on to a well prepared and primed surface. Refer to Premier prime primer data sheets for full information on preparation and application details.

MIXING

The contents of container labelled **EP PREMIER FLOW** Part 'B' (Hardener) should be added to container **EP PREMIER FLOW** labelled 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 & COVERAGE RATES

To achieve a smooth high build finish (0.5 – 1.5mm) apply by serrated squeegee the **EP PREMIER FLOW** at a rate of 1-3kg per sqm. Allow to settle then evenly spike roll, allow to cure. A fine carborundum grit should be added on to the tacky surface to provide a fine anti-slip texture.

To achieve a textured high build finish (2–5mm), apply by serrated squeegee the **EP PREMIER FLOW** at a rate of 1-3kg per sqm. Saturate the surface with 5-8kgs of a chosen kiln dried aggregate (0.3-0.6mm Quartz or 0.8-1.4mm Bauxite) allow to cure.

Remove excess aggregate then apply a further coat of **EP PREMIER FLOW** by roller at a minimum rate of 0.5-1kg per sqm.

FINISHED FILM THICKNESS

The finished film thickness achieved will generally be between 0.5 and 5mm.

COLOUR

EP PREMIER FLOW is available in a standard stock colour range or to a large range of colours within the BS4800 range.

POT LIFE/CURING TIME

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

EP PREMIER FLOW is repaintable and walkable on after 12 hours 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 applied coats as the curing process proceeds across the surface interface.

TEMPERATURE OF APPLICATION

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

INDUSTRIAL FLOORING

PHYSICAL PROPERTIES (APPROX)

Compressive Strength	70 N/mm ²
Flexural Strength	82 N/mm ²
Tensile Strength	52 N/mm ²
Elastic Modulus	2.4KN/mm ²

PACKAGING

EP PREMIER FLOW 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 or thickness 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.