

CP PRIME 101

Description

For priming of concrete and metal substrates prior to application of Epoxy and Polyurethane floor finishes and coatings. Supplied in two components packing with reweighed quantities of Base and Hardener for easy mixing and use at site.

Uses

- Primer for Epoxy Floor Coatings, toppings and screed.
- Sealing of porous concrete surfaces.
- Primer for polyurethane and Polyurea coatings and toppings.
- Resin binder for general repair and filling application.

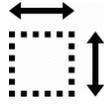
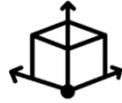
Features & Benefits

- Enhances the adhesion of epoxy and polyurethane & Poly urea floor finishes and coatings to the substrate.
- High penetration capability to seal surface porosity.
- Suitable for application on damp concrete surfaces.
- Excellent binding capacity. Strengthens weak and fragile concrete surfaces.
- Suitable for metal, wood and tile surfaces.
- Excellent chemical resistance.
- Can be applied by brush, roller and spray equipment.
- Can be mixed at site with suitable aggregates to provide scratch coat and repairing minor defects and cracks

Properties

Form	Part A – Base Part B – Hardener
Mixed Density	1000-+50 kg/m ³
Pot Life	30-40 minutes @ 25 degC
Tack free time	4-6 hours
Chemical Resistance	Wide range of acids, alkalis, solvent, petrol, diesel, lubricating oil etc.,

Additional Information

COVERAGE RATE	PACK SIZE	SHELF LIFE
		
Concrete: 10-12 sqm/liter/coat Steel: 10-12 Sqm/liter/coat	40Ltr	12 months from date of manufacture if stored in shaded and dry area.

Metal surfaces must be grit blasted or sand blasted to SA21/2 finish. Small areas shall be cleaned with wire brush or emery paper.

Application

The mixed material shall be applied using brush, roller or suitable airless spray equipment. On porous cementitious substrates the material may get absorbed and additional coat may be required.

Wherever recommended Anti slip Aggregates must be applied when the applied Primer EP coat is wet.

Depending on the application methodology of subsequent finishes, further activities shall be carried out when the applied Primer EP is tacky or touch dry.

Application Restrictions

- ✓ Avoid application below 5 deg C and above 40 deg C. Pot life of mixed material will change based on ambient temperature.
- ✓ Substrate moisture must be checked prior to application.

Application Methodology

• Surface Preparation

New concrete floors must be cured adequately and the moisture content should be below 5% when tested with a surface moisture meter or thermos hygrometer.

Concrete surfaces must be cleaned by wire brushing, grinding, captive shot blasting or scarified depending on the anchor profile required for effective adhesion of subsequent finish followed by cleaning with vacuum machine to remove fine dust.

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General Terms & Conditions

Users must always refer to the most recent data sheet. Upon request, additional copies will be provided.

This technical data sheet is given in good faith and does not guarantee the optimum utility of the product always. The information contained herein is believed to be reliable to the best of our knowledge.

Color Plus is exempted from all legal liability in case of injury incurred from product handling without appropriate technical precautions.

Color plus reserves the right to change the product specifications or properties. All orders are considered based on current delivery and sale infrastructures.

