

# CIKOPOXY PRIM 11

## Solvent based epoxy primer

### Description

CIKOpoxy Prim11 is a solvent based two component epoxy primer recommended for concrete and masonry substrates.

CIKOpoxy Prim11 is a low viscosity preconditioning primer which stabilizes the concrete substrate and isolates subsequent coating from the alkalinity of the concrete which assists the degradation of top coats.

### Properties

- Two component epoxy based system.
- Provides excellent adhesion to various types of substrates.
- Provides extremely good bonding to top coats.
- Exhibits very good sealing properties.

### Application area

- As a primer coat for the range of CIKO floor coatings and topping systems.

### Physical properties

Form	Two component system Part A & B : Liquid
Colour	Clear to pale brownish
Mixing ratio	Pre-weighed packs
Solids Content	75±5 %
Finish	Clear gloss
Flash Point	Above 60 °C
Pot life @ 25 °C	≥60 minutes
Surface dry	4-6 hours
Tack free	8 hours
Pull off Bond Strength ASTM D7234	>2 MPa

### Coverage

CIKOpoxy Prim11 will provide coverage of 7 to 8 m<sup>2</sup> per litre at 100 microns dry film thickness.

Note: The coverage depends on the floor condition and finish. Consult our technical service department for assistance.

### Application instructions

#### Surface preparation

The concrete surface should be free from dust and loose particles. All contamination such as oil, grease and extraneous spillages has to be cleaned using the suitable cleaning agent. Concrete shall be grinded, grit blasted or treated with equivalent and suitable mechanical means prior to the application of the primer.

#### Mixing

The base [Part-A] and hardener [Part-B] components of CIKOpoxy Prim11 should be mixed thoroughly using a heavy duty, slow speed drill paddle assembly for three to five minutes and ensure a homogenous mix is obtained.

#### Application

Properly mixed material should be applied using brush or roller over the dry, dust free and clean surface at the rate of 0.13 to 0.14 L/m<sup>2</sup>. The coated surface should be left for 12 – 24 hours curing, depending on the prevailing ambient conditions and prior application of further coats.

### Precautions

Prior application of primer, ensure that

- Moisture content of the substrate is less than 4%.
- Ambient temperature is between 10 – 45°C.
- Substrate temperature is between 10 – 35°C and at least 3°C above dew point temperature.
- Relative humidity is below 75%.

### Packaging

CIKOpoxy Prim11 is available in 4.0 litre and 15.0 litre kits consisting of Part-A and Part-B.

## Shelf life

CIKOpoxy Prim11 has a shelf life of 12 months if stored in accordance with CIKO instructions.

## Storage

CIKOpoxy Prim11 should be stored under enclosed shaded area at temperatures between 5 – 35°C.

## Health & safety

CIKOpoxy Prim11 should not come in contact with eyes or be swallowed. Ensure adequate ventilation and avoid inhalation of vapours. Applicator should wear appropriate clothes, gloves and goggles. Use of barrier cream is recommended to provide additional skin protection. If comes in contact with eyes, flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

### **Technical Support**

*For any technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.*

### **More from CIKO Middle East**

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- Concrete admixtures and additives
- Waterproofing and damp proof coatings
- Surface treatments
- Flooring and toppings
- Grouts and anchors
- Tile adhesives and grout
- Concrete repair materials
- Adhesives and bonding agent
- Protective coating
- Joint Sealants and Moulding compounds
- Ancillaries

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Note: The information presented herein based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control



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