

ConPrime EP

Epoxy Primer for concrete surfaces

DESCRIPTION

ConPrime EP is a transparent, two-component, solvent free epoxy primer for concrete surfaces.

It is applied to concrete surfaces prior to repairing or scratch coat before laying final epoxy flooring.

USES

Typical uses include:

- Primer for epoxy based structural repairs
- Primer for epoxy flooring.

ADVANTAGES

- Economical & fast installation
- Excellent adhesion

TECHNICAL DATA:

Resin Type	Epoxy 2 Components
Color	Transparent
Density	1.4 Kg./Ltr.
Pot Life	25 minutes @ 30° C
Drying Time	4~6 hrs. touch dry
Over Coating Time	24 hrs. @ 30° C
Impact Resistance	< 0,5 mm
Abrasion Resistant	< 0,02 mm
Water Permeability	Nil

APPLICABLE STANDARDS

ConPrime EP confirms with **ASTM C-881**

APPLICATIONS & SURFACE PREPARATIONS:

It is essential that ConPrime EP is applied to sound, clean substrates in order to achieve maximum adhesion to the substrate. The

substrate must be smooth, as any surface irregularities may show through the coating.

New Concrete Floors

The floor should be typically at least 28 days old and give a moisture test reading not exceeding 4%.

Dry removal of laitance by light grinding is preferable. Dust and other debris should then be removed by vacuum brush.

Old Concrete Floors

A sound, clean substrate is essential to achieve maximum adhesion. Oil and grease penetration should be removed by hot compressed air treatment and primed with a single coat.

APPLICATION:

The individual components of ConPrime EP should be thoroughly stirred before the two are mixed together. The entire contents of the hardener container should be poured into the Base container and the two materials mixed thoroughly for at least 3 minutes. The use of a heavy duty low speed (300 rpm) electric drill fitted with a paint mixer or a wing type paddle shall facilitate the mixing.

ConPrime EP should be applied to the clean and dust free surface using a brush and paint roller.

CAUTION:

After applying the primer the surface should be protected from foot traffic for at least 24 hours. Full traffic load should be delayed until at least 48-72 hours.

PACKAGING:

ConPrime EP is available in 5 Kgs. Pack.

COVERAGE:

Coverage 7-8 M² Per Ltr.

RADIANT Construction Technologies LLP

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STORAGE:

ConPrime EP must be stored in the original unopened containers at 10⁰ C-35⁰ C.

TECHNICAL SERVICES:

A trained RADIANT representative is available to assist in the preparation of specifications, and the resolution of concrete problems in the field.

HANDLING & STORAGE:

ConPrime EP has a shelf life of 12 months if kept in a dry cool place in the original packing.

HEALTH & SAFETY PRECAUTIONS:

Where temperatures is less than 5⁰ C or greater than 35⁰ C are encountered, contact our Technical Staff. ConPrime EP is hazardous during mixing & application. Take precautionary measures to avoid any contact with eyes, mouth, skin and foodstuff. Any contact with eyes or skin should be washed off with soap and clean water. Protective gloves, goggles and clothing should be worn. Repeated contact with epoxy resins and hardeners can cause sensitization in some people handling this type of product. Where this occurs, seek medical advice before continuing use.

IMPORTANT NOTE:

RADIANT Construction Technologies manufactures wide range of construction chemicals, including admixtures, concrete repairing mortars, curing compounds, adhesives, concrete protection coatings, waterproof coatings, grouts & Tile Bond.

Separate Technical Data Sheets are available for these products.

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