

Cicoprime[®]10

Solvent Free Epoxy Primer

DESCRIPTION

Cicoprime[®]10 is a two component, solvent free, clear epoxy primer specially formulated for use with CIC's epoxy and polyurethane based products. Cicoprime[®]10 is designed to be applied over porous surfaces to seal them and to act as a bonding bridge between the surface and the following coating system or mortar. Cicoprime[®]10 is used for substrates that are prepared to receive flooring coating or sealants. It obtains high durability for any system it becomes a part of, while in some cases it is considered mandatory like in epoxy screeds when it acts as a bonding agent.

USES

- As a primer for porous and semi-porous concrete and steel substrates.
- As a bonding layer for both epoxy and polyurethane flooring systems.

ADVANTAGES

- Provides excellent bonding to concrete and steel.
- Provides high durability for flooring systems.
- Provides excellent water resistance.
- Surface anti-slip roughness can be controlled by broadcasting fine Cicogrip[®] on the surface.
- Safe when used in closed spaces, as it is solvent free.
- Obtains high mechanical characteristics for all flooring systems.

PACKAGING

1, 5 & 15 Kg set

SHELF LIFE & STORAGE

12 months storage life if stored in its original unopened containers under a dry and shaded place in a temperature from 5°C to 45°C.

TECHNICAL PROPERTIES

Form	Clear liquid
Solid content	100%
Density (ASTM D1475) @ 25°C	1.08±0.05 Kg/ltr
Pot life @ 25°C	75±5 min.
Touch dry time @ 25°C	8 hrs.±15 min.
Minimum overcoat time @ 25°C	12 hrs.±30 min.
Adhesion to concrete (ASTM D7234)	>2.5 N/mm ²
Coverage	>7.4 m ² /kg @125 micron DFT (135 gm/m ²)

APPLICATION INSTRUCTIONS

Surface Preparation

Cicoprime[®]10 is applied on sound, clean, and dry substrates to achieve maximum adhesion between Cicoprime[®]10 and substrate. New concrete floors should be at least 28 days old. Laitance, oil, and grease can be removed using Cicosurface[®]Degreaser, sandblasting, or steam cleaning. All steel substrates should be free from dirt, oil, and grease and blast cleaned to Sa 2½ according to EN ISO 12944, part 4.

Mixing

Stir the base separately, and then the entire contents of the smaller can (hardener) can be poured into the base container and then mixed for at least one minute by mechanical mixer using a slow or medium speed mixing drill.

Application

Apply Cicoprime[®]10 by brush or roller, ensuring the substrate is completely covered. In the case of very porous concrete substrates, further coats of primer may be required.

It's recommended to finish all concrete repairs prior to applying Cicoprime®10 like crack filling or bore smoothing, but all surfaces should be dry as well i.e. it's preferable to use epoxy repair pastes for repair to save time. Cicoprime®10 can be used as an anti-slip base coat by broadcasting Cicogrip® 1, 2, or 3 as per the desired roughness degree, then other flooring topcoats can be used for the other layers. In some applications like epoxy screeds, primer should be tacky during screed application, but for all other coating systems, it should be dry before any overcoat is achieved.

CLEANING

Clean all tools and application equipment with Cicosolvent® immediately after use. Hardened and cured material can only be removed mechanically, or by hand tools.

PRECAUTIONS

Health And Safety

Cicoprime®10 is non-hazardous. However, it should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles should be worn. Splashes on the skin should be removed with water. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

TECHNICAL SUPPORT

CIC provides on-site assistance, as well as consulting services on projects when requested. Technical data sheets on other CIC products and guidance on their use are available on request.

Warranty

CIC products are guaranteed against defective materials and manufacture and sold subject to CIC's standard terms and conditions of sale. Whilst CIC endeavors to ensure that any advice, information or recommendation given is correct, the company cannot accept any liability either directly or indirectly arising from the use of its products. User of the product must test the product's suitability for the intended application and purpose, since the company has no control over the application of its products. Information contained in this document is given on the best current knowledge. Our Products are in continuous development and CIC reserves the right to change the product without prior notice.

