

CCI NEOACRYLIC P

Water-based Penetrating Primer

Description

CCI NeoAcrylic P is a general-purpose single component primer for elastomeric membrane forming material. It is carefully formulated using some selective polymers to give a continuous base-coating for products like **CCI NeoAcrylic P** membrane system. Its main function is to enhance the bonding between the substrate to the membrane, as well as it acts as a general protective coating that protects concrete masonry and metal structures from corrosive soil salts and ingress of subsurface water. It forms a seamless protective and waterproof membrane after drying.

Domains of Application

- ✓ Used as a high-performance primer for water-based anti-carbonation and waterproof polymer coating for bridge decks, under pass, building walls, roofs, etc.
- ✓ Can be used as a sealer coat for industrial floors, interior/exterior walls.
- ✓ When used as a primer, it enhances performance of high-end interior/exterior decorative/protective coating.

Advantages

- ✓ Easy application; can be applied by brush or roller at site
- ✓ Excellent resistance to carbon dioxide, acid rain, and alkali solution
- ✓ Excellent resistance to water
- ✓ Green product -No VOC (Volatile Organic Compound)
- ✓ Very good adhesion with concrete and masonry

Indicative Characteristics

Appearance	Low viscous liquid
Hard dry	< 16 hours
Permeability to water (As per IS 2645)	Nil
Chloride content (As per BS 5075, Part I)	Nil
Mixed density, kg/L	1.8 ± 0.2
Coverage (Theoretical)	4 m ² to 6 m ² /kg/coat (depending on surface finish)

Method of Application

Surface Preparation

Prior to application of **CCI NeoAcrylic P**, all surfaces must be prepared properly to avoid failure. The surface shall be cleaned to remove all dust, foreign materials/loose particles or any deposits of contaminants, which could affect the bond between the original substrate and the primer system. This can be done by scarifying, grinding, water blasting, sand blasting, acid washing or any other approved method. Rectify depression / honeycomb (if any) in the surface, use CCI Neocrete APW mortar (1-part CCI Neocrete APW, 2-part cement, 4-part medium washed sand) and leave it for at least 24 hours before application of **CCI NeoAcrylic P**.

Treatment of Cracks

If there are any cracks up to 2 mm, clean those cracks with vacuum cleaner to open cracks, and fill the opened groove with cement-sand polymer mortar.

Application

Stir the primer well and apply it with a soft nylon brush or roller over the dry surface. Apply a minimum of 2 coats in perpendicular directions. The second coat must be applied while the first coat is still green but is sufficiently set so that it is not drawn off while applying the second coat. The mixed material must not be applied at temperature below 5°C or on frozen surface.

Packaging

20 kg buckets.

Shelf life & Storage

12 months from the date of manufacturing when stored in unopened, original sealed and dry condition at a temperature range from +5°C to 40°C.

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Precautions

- ✓ Reinforcement rods and other sharp materials should not be dragged over the primed surface, as this can puncture the same. **CCI NeoAcrylic P** shall always be used without dilution.
- ✓ There should not be any rain during and after application of final coating for at least 6 to 8 hours.
- ✓ Not suitable for continuous immersion like basements, water tanks/reservoirs and any other liquid storage tanks.

Safety

- ✓ Wear hand gloves, safety shoes and safety goggles while using and handling the product.
- ✓ In case eyes or mouth are affected, wash with plenty of clean water and seek medical treatment immediately.

Before use, refer to the Material Safety Data Sheet (MSDS). The MSDS is available on www.ccichemicals.in or contact us at info@ccichemicals.in.

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