# PC 14P

**Silane Siloxane Based Penetrative Primer for Concrete & Masonry Surfaces**

Pack Size
20Kg

## TDS
## Technical Data Sheet

## Description

PC 14 P is a silane siloxane-based primer designed for concrete surfaces. It penetrates the pores of concrete and reacts with moisture to form a hydrophobic polysiloxane seal within the capillaries. This transparent, colorless liquid bonds effectively to concrete surfaces, offering superior protection.

## Advantages

Prevents the ingress of water-borne chlorides and sulfates Single-component formulation Allows concrete to breathe Penetrates and seals capillary pores Provides excellent water-repellent properties Easy to use and cost-effective Transparent, with no change in surface appearance

## Application

Used as a primer to protect concrete from water and water-soluble salts Reduces efflorescence in masonry structures

## Application Methodology

Surfaces to be sealed must be dry, structurally sound, and free from grease, oil, dirt, and other contaminants. Remove any curing compounds or releasing agents prior to coating. Use compressed air to remove dust and other loose particles. Ensure that the surface is dry before application. PC 14 P is a single-pack system. Mix well before application to ensure no sedimentation. A low-pressure airless sprayer is the preferred method of application, but a brush or roller may also be used. Apply the primer to achieve uniform coverage, ensuring sufficient material is applied to saturate the surface. Allow the primer to dry for at least 4-5 hours before over-coating.

## Characteristics

| Material Property | Testing Method |
| --- | --- |
| Physical Appearance: | Clear,colorless, low-viscous liquid |
| Theoretical Coverage: | 4-5 m²/L |
| Minimum Application Temperature: | 5°C |
| Specific Gravity: | 0.90 ± 0.02 |

## Cleaning
Tools, equipment, and general clean-up can be done using Xylene or Toluene.

## Health & Safety
Use a mask, nose cover, and hand gloves during application. Clean hands with soap and water after application. Ensure adequate ventilation and avoid inhalation of the product. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of clean water, then cleanse with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area. Prevent swallowing. In case of swallowing, seek medical attention immediately and do not induce vomiting.

## Packing
Available in 20 L packs.

## Storage and Shelf Life
Store in a cool, dry place under shade, away from heat. The shelf life of the product is 12 months in its original unopened sealed condition.

## Conditions of Sale
Sold subject to the Company's conditions of sale, which are available on request.

**Note:** The information provided in this datasheet is based on extensive experience and is given in good faith to help you. Our company policy is one of continuous research and development; we reserve the right to update this information at any time without prior notice. We guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage that may arise as a result.

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### Data Reliability
All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

### Regional Compliance
Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

### Legal Disclaimer
The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.

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