



# PC-Prime® 01

Bituminous primer emulsion-based

PC-Prime® 01 is a high-quality environment-friendly bituminous anionic emulsion. It is free of solvent and exhibits excellent adhesion properties. It is applied onto various substrates (concrete, concrete blocks, bricks, foam concrete fiber, and cement board) to improve the bonding of bituminous products.

## FEATURES

- This product is solvent-free, non-toxic, and environmentally friendly.
- It is non-flammable and effectively binds dust to improve adhesive properties.
- Enhances the adhesion of bituminous materials to the substrate.
- Exhibits water resistance properties.
- Seals and penetrates porous surfaces efficiently.
- Offers a cost-effective solution for various applications.

## APPLICATION

The surface should be dry, clean, and free of loose materials, dirt, soil, grease, oil, or other impurities. Apply **PC-Prime® 01** by means of a brush, roller, or spray gun @ of 5-6 m<sup>2</sup> /lit into the entire coverage area of the substrate and allow to dry. The drying time and coverage depend on the porosity of the substrate and the environmental conditions (approx. 1.0 — 4.0 hrs). **PC-Prime® 01** is recommended to apply at temperatures above 5°C.

## STANDARDS

**PC-Prime® 01** conforms to the requirement of ASTM and other relevant International Standards.

## HEALTH AND SAFETY

There is no health hazards associated with **PC-Prime® 01**, wash with copious amount of water if spilled on the skin

## USES

- Ensuring the protection of pedestals, walkways, and floor pavements against moisture and water infiltration.
- Applying the PC-WC waterproofing protective coatings on roofs, walls made of reinforced concrete, asphalt, bricks, and other relevant surfaces before proceeding with any construction.
- Applying a single protective coat across various structural components.
- Addressing waterproofing projects that prioritize fire safety.
- Serving as a foundational layer for membrane adhesives and bituminous repair compounds.

## PRODUCTS PROPERTIES

PROPERTY	UNIT	RESULT	TEST METHOD
Solid Contents	%	35 ± 5	ASTM D 2369
Drying time	hrs	1.0 to 4.0	In-house
Density	Kg/L	0.980 — 1.02	ASTM D 70
Appearance	-----	Liquid Brown / Dry Coat - Black	In-house
Flammability	-----	Non-flammable	In-house
Viscosity	Secs	10 - 20	In-house
pH	-----	10 - 12	pH meter

## PACKAGING

**PC-Prime® 01** is available in 20-liter pails and 200-liter drums, palletized and strapped. Store at temperature between 5°C and 50°C in a tightly sealed container.

## SHELF LIFE

24 months from production date, if stored in original sealed packaging, in areas protected from humidity and direct sun exposure.



## PC-WC GLOBAL FZ-LLC

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All technical data in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

The information, particularly the recommendations relating to the application and end-use of PC-WC products, are given in good faith based on PC-WC's current knowledge and experience of the products when properly stored, handled and applied under normal conditions by PC-WC recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or any other advice offered. The user must test the product's suitability for the intended application and purpose. PC-WC Global FZ-LLC reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our [website www.pc-wc.com](http://www.pc-wc.com)