

# SMARTBLOK WB EP PRIMER

Epoxy resin based primer for concrete



### DESCRIPTION

**SMARTBLOK WB EP PRIMER** is a two-component epoxy based primer with good penetrating properties for concrete surfaces. It is ideal for priming concrete surfaces prior to the application of any of the resin based floor toppings protective coatings or epoxy repair mortars.



### ADVANTAGES

- **Ease of application (roller or brush)**
  - Excellent anchoring to absorbent and non-absorbent surfaces.
  - Can be applied on moist surfaces, without loss of adhesion.
  - Can be diluted with water.

### APPLICATION METHODOLOGY

#### Surface Preparation

- The surface must be dry, firm, offer good traction, be free from grout, dust and dirt and additionally free of oil, grease and other impurities which can adversely affect uniform adhesion.
- It is also essential that the surface is minimum 28 days old and moisture content should be less than 5% before application of epoxy material.
- The surface should be Mechanically grinded.

#### Application

- Empty the entire contents of Components A & B in an empty container and mix them using a speed drill fitted with a suitable paddle for 3 minutes to obtain a homogenous mixture.
- Apply the primer uniformly over the surface with a brush or roller entire contents should be applied within 30 to 45 minutes, otherwise the mix is likely to start gelling which would render the application difficult and result in brush marks. Excess application and puddling should be avoided.
- In case of porous surfaces which will be shown as patches at places, the surface should be applied a second coat after the first coat dries. This is important as the release of air from the floor is sealed which in turn will avoid bubbles in the final epoxy topping later.
- For applications, leave the primer to dry overnight.

#### Cleaning

All the tools and equipments should be cleaned with IND.Solvent immediately after use

#### Safety

SmartBlok WB EP Primer is inflammable. Do not expose the containers to naked flames or any other source of ignition. Do not leave the containers in opened state, when not in use. Gloves and goggles should be used while handling the material. However any splashes on the human body must be washed with plenty of water, followed with necessary first aid.

## TECHNICAL DATASHEET

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### TECHNICAL PROPERTIES

Pot life at 20°C	90 Minutes
Pot life at 30°C	30 Minutes

### COVERAGE

Approximate coverage rate Approx. 10 Sq.mt per litre

### PACKING

SmartBlok WB EP Primer is supplied in containers of 5 Kg. Resin and hardener are supplied in separate carboys as pre-weighed. For projects, it is packed in 15 or 30 kgs.

### SHELF LIFE

SmartBlok WB EP Primer has a shelf life of 12 months when stored in unopened containers.

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