

# TOPSEAL EP 50

## Two-Component, Solvent Based Epoxy Primer

### Description

**TOPSEAL EP 50** is a two-component low viscosity solvent-based epoxy primer and sealer coat. It has high adhesion bond between the substrate and epoxy or polyurethane floor coatings, joint sealants, self-levelling and screeds topping. Due to its low viscosity.

**TOPSEAL EP 50** has excellent penetrating properties in concrete and different type of substrates.

### Features & Benefits

- Excellent adhesion to different type of substrates.
- Low viscosity, high penetration properties.
- High Impermeability performance.
- Good chemical resistance
- Excellent abrasion resistance
- Used as primer and sealer coat.

### Uses

**TOPSEAL EP 50** is used as a consolidating treatment on variable supports before the application of epoxy or polyurethane coatings.

As an anti-dust treatment on industrial floorings.

Primer on substrate prior to the application of epoxy or polyurethane coating.

Also it can be used as sealer and primer coat in joints before applying joint sealants.

### Technical Properties

Appearance	Low viscosity liquid
Color	Clear to yellowish
Density	950 Kg/m <sup>3</sup> approx.
Pot Life	60 minutes @ 25 °C
Bonding Strength	Greater than concrete cohesion
Solid Content	50% ±2
Application temperature	10°C – 40°C substrate temp.
Drying Time	8 hrs @ 25 °C

All values are subject to 5-10% tolerance

### Application Procedures

#### Surface preparation:

All surfaces should be sound, clean, dry and free from loose and flaking material, efflorescence, laitance, curing compounds, dirt, oil and grease. Suitable preparation using mechanical methods like grinding or blasting in order to provide a suitable clean surface is strongly recommended. All necessary repairs should be made prior to application by using epoxy mortar. Contact SBI Technical Department for advice.

New concrete floors should have been allowed to cure for at least 21 days (moisture content below 5%) in order to allow all shrinkage movement to take place before applying epoxy coating.

#### Mixing Instructions:

**TOPSEAL EP 50** is composed of two components that must be mixed at the moment of use. The entire contents of the hardener Pack (Component B) should be added to the base (Component A) and mix together for 3-5 minutes with a drill at low number of turns (200-300 RPM) till obtaining a homogenous mix.

#### Application Instructions:

Using roller brush or airless spray unit apply **TOPSEAL EP 50** at the required coverage to suit the application for which it is being used.

#### Coverage

6-8 m<sup>2</sup> per Liter depends on surface texture and porosity.

## Packaging

**TOPSEAL EP 50** is available in 1 Liter, 4 Liters & 15 Liters Two-Component Kits.

## Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

## Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

## Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.