TECHNICAL DATA SHEET

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 toping..

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^3 approx.
Pot Life	60 minutes @ 25 ^{o}C
Bonding Strength	Greater than concrete cohesion
Solid Content	50% ±2
Application temperature	10^{o}C – 35^{o}C substrate temp.
Drying Time	8-10 hrs @ 25 ^{o}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

8-10 m^2 per Liter depends on surface texture and porosity.

TECHNICAL DATA SHEET

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 +5ºC to +35ºC. 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.

SBI products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service. All SBI datasheets are updated on a regular basis. It is the user's responsibility to obtain the recent version.

REV 03-2032

SALES OFFICE : Jebel Ali, Industrial 1
FACTORY : RAK, Jazerat Al Hamra

Tel.+971 4 880 2131
Tel. +971 7 2210066
www.sbi-me.com , info@sbi-me.com