

TOPSEAL EPT

High Performance, Solvent Free Transparent Epoxy Topcoat

Description

TOPSEAL EPT is a two-component solvent free low viscosity transparent glossy epoxy protective coating. It has an outstanding adhesion bond, chemical and abrasion resistance properties.

TOPSEAL EPT consists of clear resin with special additives and clear polyamine-based hardener. The mixture will cure into clear, high-gloss, and seamless protective coating.

Features & Benefits

- Excellent adhesion to different type of substrates.
- Low viscosity, high penetration properties
- High compressive and impact resistance.
- Good chemical resistance
- Excellent abrasion resistance
- Impermeable, seamless and dust-proof.

Uses

TOPSEAL EPT is used as interior clear protective sealer over concrete, quartz, color flakes or metallic epoxy broadcast floors.

As an anti-dust treatment on industrial floorings.

High-aesthetic clear finishes for showrooms, commercial spaces, and modern residential interiors.

TOPSEAL EPT is heavy-duty protective top layer for industrial and workshop concrete substrates where low VOC and zero solvents are required

Technical Properties

Appearance	Low viscosity liquid
Color	Clear glossy coating
Density	1,030 Kg/m ³ approx.
Pot Life	40 minutes @ 25 °C
Bonding Strength	>2.5 N/mm ² (Greater than concrete cohesion)
Solid Content	100%
Pot Life	30 minutes
Shore D Hardness	80
Compressive Strength	65 N/mm ²
Flexural Strength	45 N/mm ²
Abrasion Resistance	80mg/1000 cycles

Drying Time	4-6 hrs @ 25 °C
Recoat time	24 hrs

All values are subject to 5-10% tolerance

Standards Compliance

- ASTM C579, C580
- ASTM D4060, D4541, D2240

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 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%) to allow all shrinkage movement to take place before applying epoxy coating.

Mixing Instructions:

TOPSEAL EPT 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 EPT** at the required coverage to suit the application for which it is being used.

Coverage

3-4 m² per Liter per coat depends on surface texture and porosity.

Packaging

TOPSEAL EPT is available in 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.

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.

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