

SUPERTOP WEP

Water-Based Hygienic Epoxy Coating for Floors and Walls

Description

SUPERTOP WEP is a two-component low odor, water-based epoxy coating for floors and walls. It has good characteristics of adhesion to concrete, metal, ceramics, etc. After curing the product transforms into non-toxic, anti-bacterial, semi-matt seal with good resistance against wide range of chemical solutions.

SUPERTOP WEP gives good general protection for concrete surfaces and provides an easily cleaned, non-dusting finish in numerous industrial and commercial applications. The system is free of organic solvents and can be applied to damp surfaces with humidity below than 80%.

Features & Benefits

- Water bases, less odour and safe in use
- Moisture tolerant
- Anti-bacterial coating, resist to bacterial growth
- Durable and good resistance to abrasion.
- Good chemical resistance
- Easily cleaned and sterilised
- Dust free finish
- Excellent thermal shock resistance

Uses

SUPERTOP WEP is designed for concrete floors in areas of light to medium traffic and where occasional spillage of mild chemicals may occur. Very low odour during application makes it ideal for use in schools, healthcare facilities, food service areas, office buildings, hotels, warehouses or in any area where odours are an issue.

SUPERTOP WEP Water-based epoxy floor and wall coating complies with regulatory sanitation performance standards for food establishment facilities. This coating is impervious to moisture and easily cleaned and sanitized.

It meets the Green environmental standard for paints and coatings based on performance requirements and reduced use of hazardous substances and reduced volatile organic compounds (VOC).

Technical Properties

Appearance	Liquid Resin
Color	Refer to SBI Color Chart
Density	1,300 Kg/m ³ approx.
Pot Life	60 minutes @ 25 °C
Bonding Strength	2.0 N/mm ²
Water Permeability	Nil
Abrasion resistance	95 mg/ 1000 cycles
Service temperature	60 °C
Dry film thickness	75-100 microns
Minimum recoat time	10 hours

All values are subject to 5-10% tolerance

Standards Compliance

- BS 476, PART 7- 1987 Class 1
- ASTM D 7234-05
- ASTM D 4060-07

Application Procedures

Surface preparation:

It is essential that the substrate surfaces are correctly prepared prior to application. **SUPERTOP WEP** can be applied to a clean, dry or damp (but not wet) substrates. All substrates should be sound and free from contamination with oil, grease and other matter. Any oil or grease contamination must be removed completely by grinding, scabbling or shot blasting the contaminated areas to provide a clean substrate. Laitance should be removed by vacuum blasting, grinding or light scabbling. New concrete or cementitious substrates should have been placed for at least 21 days.

Old concrete floors should be prepared by one of the mechanical methods mentioned above.

Porous substrates should be primed with **SUPERTOP WEP** diluted with 10% potable water.

Mixing Instructions:

For the preparation of **SUPERTOP WEP** pour component A (Base) into component B (Hardener) and mix carefully with a drill at low number of turns (200 – 300 turns per minute), till obtaining a homogeneous

mixture. The mixture can be used directly or can add water for dilution when use spray equipment.

Application Instructions:

Using roller, brush or airless spray unit apply **SUPERTOP WEP** in a rate of 4-5 m² per liter per coat. If slip resistance finish is required, spray the silica sand with the required sieve size (Quartz) onto the first coat while it is wet, apply in a rate of 0.5-1.0 kg/m². Once cured, remove excess sand. Apply the final coat, ensure full coverage of all aggregate grains to uniform the final color and sheen.

Coverage

4-5 m² /Liter per coat

Coverage depends on substrate porosity and profile.

Packaging

SUPERTOP WEP 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.

REV 00-2017

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