

SUPERTOP PU MEMBRANE

Elastomeric, Waterproofing Polyurethane Membrane

Description

SUPERTOP PU MEMBRANE is a two-component polyurethane waterproofing coating. It has high characteristics of impermeability, elasticity and resistance against abrasion.

SUPERTOP PU MEMBRANE is suitable for use in traffic protective coatings systems in car parks. It provides crack bridging and waterproofing properties.

Features & Benefits

- Excellent elasticity and crack bridging ability.
- High Tensile Strength
- Excellent watertightness.
- High abrasion and impact resistance
- High tear resistance.
- Excellent durability

Uses

SUPERTOP PU MEMBRANE is suitable to use as colored waterproofing membrane in traffic flooring systems. It is used as intermediate membrane layer in all areas in car parks system.

Technical Properties

Appearance	Viscous liquid membrane
Color	See SBI Standard colors
Mix Density	1,350 Kg/m ³ approx.
Pot Life	45 minutes
Elongation	>100%
Tensile strength	6 N/mm ²
Crack bridging ability	Pass
Tear Resistance	26 N/mm
Drying time	16 hours
Full curing	7 days
Water absorption	Nil

All values are subject to 5-10% tolerance

Standards Compliance:

- ASTM C 1305, C 794
- ASTM D 624& D 412
- BS 7976-2

Application Procedures

Surface preparation:

The support must be sufficiently cured, perfectly clean, solid and free from non-adherent parts, loose cement, traces of form stripping oils, old varnishes, etc.

All damages and weak concrete should be removed and repair with one of SBI concrete repairing products (please consult SBI Technical team for advice). Any blowholes, chipping or small cracks should be repaired with **EPOREP FINISH** mortar. Edges of expansion joints should be repaired with **EPOMORT** epoxy mortar.

Prepared surfaces should be primed with **TOPSEAL EP or PU** primer. Apply primer on the surface at a rate of 0.15 – 0.2 Kg/m² depending on the porosity of the concrete substrate.

Mixing Instructions:

For preparation of product, pour the hardener pack (component B) into component A (Base) and mix carefully with electric mixer at low number of turns, continue till obtaining a homogeneous mix.

Application Instructions:

When the mix is ready pour over the primed surface and spread to the desired thickness using short haired roller in a rate of 1.3-1.5 m² per Liter (depends on surface porosity and desired thickness). High porous concrete substrate may be required two coats. Apply the second coat when the first layer is dry (minimum 16 hours).

Coverage

SUPERTOP PU MEMBRANE will covers 1.3 m² per Ltr. to achieve dry film thickness of 750 microns.

Packaging

SUPERTOP PU MEMBRANE is available in 4 & 15 Ltr 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 6 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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