

SUPERTOP PUV 75

UV Resistant Hardwearing Polyurethane Coating

Description

SUPERTOP PUV 75 is a two- component colored protective coating based on aliphatic polyurethane resins. It gives semi-gloss finish, high abrasion resistance, elastomeric, UV resistance with a high degree of finish. The product formulated with special adhesion promoter to give high surface penetration and adhesion.

SUPERTOP PUV 75 is ideal top finish coating over any epoxy or polyurethane flooring to produce excellent hardwearing, non-yellowing UV and chemical resistance durable coating.

Features & Benefits

- Non-yellowing UV resistant and flexible coating.
- High penetration and adhesion properties
- Integrated with various resin systems
- Good chemical and stain resistant
- Excellent wear, impact and abrasion resistance
- Durable and easy to apply
- Slip resistance finish.

Uses

SUPERTOP PUV 75 designed for a wide range of floors and walls with various levels of mechanical and chemical exposure. Specially designed for areas exposed to direct sunlight where gloss and color stability is desired. Recommended as a topcoat as part of the traffic deck PU or epoxy systems, for areas such as ramps, car parks, parking bays, pedestrian walkways and industrial floors.

SUPERTOP PUV 75 can be used for coating concrete floor in alimentary, pharmaceutical industries, warehouses, mechanical rooms, car parks, showrooms, workshops, cold storage area, etc.

Technical Properties

Appearance	Liquid Resin
Color	Refer to SBI Color Chart
Density	1,300 Kg/m ³ approx.
Pot Life	40 minutes @ 25 °C

Bonding Strength	Higher than concrete cohesion
Service temperature	-20 to +80 °C
Abrasion Resistance	40 mg/ 1000 cycles
Elongation	>20%
Tensile Strength	11 N/mm ²
Open to light traffic	24-48 hrs @ 25 °C
Full cure	7 days @ 25 °C
Chemical resistance	Resistance to wide range of chemicals

All values are subject to 5-10% tolerance

Standards Compliance

- EN ISO 12944-5, EN 1504-2
- ASTM D 4541, D 4060, D 412

Application Procedures

Surface preparation:

All surface should be sound, clean and dry free from loose material, efflorescence, laitance, curing compound, dirt, oil, grease, etc.

Concrete substrate should be grit blasted first. Cracks, pinholes should be repaired with suitable product. Seek SBI Technical Department for the right product for repair.

All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. Concrete - Should be cleaned and prepared to achieve a laitance-free and contaminant-free. Removing residual dust will help ensure a tenacious bond between the primer and substrate. New concrete should be dry with humidity below than 5%.

If no epoxy or polyurethane coat is applied, priming for concrete substrate is required. Prime with either TOPSEAL epoxy or PU primer. Allow the primer to cure for 6-8 hours until tack free film achieved before applying subsequent coats. Ensure that the primer is pore-free, pinhole-free and provides uniform and complete coverage over the entire 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:

Using roller brush or airless spray unit apply **SUPERTOP PUV 75** in various application thickness of 150-200 microns per coat. As a protective coating, second coat is not required. Second coat can be applied after 8-10 hrs.

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 0.6-1 kg/m². Once cured, remove excess sand and apply the final coat.

Coverage

4 – 5 m² /Liter per coat (in 200 microns dry film thickness)

Coverage depends on substrate porosity and profile.

Packaging

SUPERTOP PUV 75 is available in 4 Liters & 15 Liters Two-Component Kits.

Storage

Keep the product in dry and sheltered place at temperature between +15°C to +25°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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