

BC PU Top coat

Two component Aliphatic Polyurethane System

Description:-

BC PU Top coat is a two component heavy duty polyurethane seal coat used as UV Stable finishing layer over pure and Hybrid polyuria water proofing systems.

Typical Uses:-

BC PU Top coat is suitable for the following application:

- Waterproofing roofs, parapets, flashings ,and as durable final coat over polyuria water proofing systems

Benefits:-

- Resilient, flexible and weather resistant.
- High elasticity and excellent adhesion.
- Easy to apply and economical.

Technical Properties:-

Appearance/Color	Liquid Coating, As per std
Density	1.27±3%
pH	8-9
Solid Content	>85 %
Elongation at Break (ASTMD412-98A)	500-600 %
Tensile Strength (ASTMD412-98A)	1.1N/mm ²
Tensile Recovery	90%
Water Vapor Transition(ASTM E96-95)	0.45-0.5g/h.m ²
Tensile Adhesion	0.8N/mm ²
Chemical Resistance	Alkalies, solvents, Diesel, etc.
UV resistance	No effect after 2000hours
Applicable Temp	+5°Cto35°C
Over coating time	6-8 hours depending on application thickness ad Ambient temperature

Instruction to Use:-

Surface Preparation

All surfaces must be clean, dry, sound and free from contamination such as loose and peeling paints, dirt, dust, grease, oil, wax, rust and chalk. Repair any damage areas with appropriate patching material and allow to dry prior to application of BC PU Top coat.



Application:-

BC PU Top coat is ready for use after mixing with poly isocyanate curing agent and can be applied by brush or roller. Apply BC PU Top coat in two crossed coats at total thickness of 100- 300 microns.

Precautions:

Do not apply the BC PU Top coat if the ambient temperature less than +5°C. Protect the BC PU Top coat coating from rain.

Coverage:-

Approx. 2.5 Sqm / Liter @ 300 micron thickness depending on surface conditions.

Packaging

BC PU Top coat is packed in 20 liter metal can. High temperatures accelerate the process while greater thicknesses require maximum time for curing.

Storage

Store under dry shaded area in the original closed container

Shelf Life

12 months from date of production if stored as recommended.

Health & Safety:-

While using all construction chemical products, should be careful and avoid direct contact to eyes, skin and hands. Wear gloves and goggles while handling this product. If sever burn to eyes, skin or hands, consult a Doctor immediately.

The Technical specification information and recommendation given one based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product Building chemistry industry reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of Building chemistry industry no guarantee and or responsibility is assumed on the performance of work completion executed with use of our products.

