

DANOCOAT TC APU



U.V. Resistant Polyurethane Flexible Coating

DESCRIPTION

DANOCOAT TC APU is two pack Polyurethane based flexible coating. The aliphatic nature of the system imparts exceptional U.V resistance to the coating.

It is suitable for use on TIKIDAN range of polyurethane roof coatings and polyurea coatings as weather and U.V resistant topcoat.

It is available in various shades to meet the aesthetics of a building structure.

USES

- Used as U.V and weather resistance top coat on polyurethane and polyurea coating systems.
- Used as light stable waterproof coating.

ADVANTAGES

- Excellent U.V resistance and weathering properties
- Good resistant to corrosive and saline atmosphere
- Excellent elongation and flexibility
- Quick curing
- Seamless
- Ease of application around complex geometries

APPLICATION INSTRUCTIONS

The Resin and Hardener component of **DANOCOAT TC APU** is gradually mixed in ratio of 5:1 by volume. The mix is then applied by brush on surface primed with **TIKI PRIME PU**, polyurethane based clear primer or on surfaces coated with TIKIDAN range of polyurethane coatings and polyurea coatings as weather and U.V resistant top coat.

Minimum two coats are recommended. Allow first coat to dry before application of second coat.

PROPERTIES OF MIX COMPONENT

Properties	Values	Test Standard
Pot life @ 27°C	2 - 3 hrs.	ASTM D 2471
Solids by Volume	65 – 70 %	ASTM D 2697
Flash Point	> 30°C	ASTM D 3278

APPLICATION DATA

Mixing Ratio (Resin : Hardener)	5:1 by Volume
Colour	Desired Shade
Application	By Brush
Theoretical Coverage*	12-13 m ² /ltr./coat @50 micron d.f.t
Recommended Thickness	75 microns w.f.t (50 microns d.f.t)
Finish	Matt Finish

*Coverage is approximate and it depends upon the site conditions and surface porosity at the time of application.

PROPERTIES OF APPLIED PRODUCT

Properties	Values	Test Standard
Tensile Strength	1 - 3 MPa	ASTM D 638
Elongation	80 - 100 %	ASTM D 638
Tear Strength	15 - 20 KN/m	ASTM D 624
Flexibility, 3mm Conical Mandrel Test	Passes	ASTM D 522
Drying Time		
Tack Free	2 - 4 Hours	ASTM D 1640
Hard Dry	24 Hours	
Pull-Off Adhesion Test	Concrete failure	ASTM D 4541

SUPPLY

DANOCOAT TC APU is supplied in 5 litre combo pack and 20 litre combo pack, consisting of Resin and Hardener. It has a shelf life of 6 months when stored under the covered shed in sealed condition.

CLEANING

Immediately after application of **DANOCOAT TC APU**, use suitable aromatic solvent for cleaning application tools.

STORAGE

DANOCOAT TC APU must be stored above 5°C. Store under the shed & protect from extremes of temperature, heat, direct sunlight, sparks and children.

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage of **DANOCOAT TC APU**.

VERSION: R6, 202008

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