

TECHNICAL DATASHEET

DELTA-BLOC UV TOP COAT GRADE POLYURETHANE

DESCRIPTION

DELTABLOC UV TC is single pack, aliphatic polyurethane waterproofing top coat which has been formulated using Aliphatic technology which has inherent greater UV resistance, colour fastness and anti-chalking properties. Its main function is to prolong the life of exposed polyurethanes membranes.

Delta UV TC is compatible with:

DeltaBloc PU500 STD (General Purpose grade)

DeltaBloc PU500 HG (Horizontal Grade)

DeltaBloc PU500 HP (High Performance grade)

TYPICAL APPLICATIONS

Delta UV TC is a highly UV stable top coat over DeltaBloc PU membranes. This top coat will extend the service life of the waterproofing membranes by providing additional protection from the long term effects of UV.

PRODUCT FEATURES

- Easy to apply.
- No bleed through
- Single pack - no mixing.
- Curing 24 hours.
- Permanently flexible
- Provides excellent UV protection to waterproofing membrane.
- Extends the service life of the waterproofing membrane
- Provides monolithic membrane (no joints or laps)
- Odour free after cured.

PRECAUTIONS

Do not use in confined areas with poor ventilation.

Uncured (liquid) product is flammable.

Suitable for service foot traffic only.

Note: It is recommended before commencing the application; that adhesion of products to be used (e.g. primers, membranes, coatings adhesives etc) is tested over a typical area of the prepared surface to ensure satisfactory adhesion. It is the responsibility of the applicator to carry this out and accept the substrate suitability before any application starts. Details contained in product data sheets are general in nature. For any situation or items not covered in this data sheet, it is the responsibility of the applicator to check with DELTA Technical Services before commencing the application.

Disclaimer: This Product Data Sheet (PDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. DELTA Construction Industries does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

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PRIMING AND SURFACE PREPARATION

Good preparation is essential. Surfaces must be sound, stable, dry, clean and free of dust, loose, flaking, friable material and substances that may diminish adhesion.

Recently applied waterproofing membranes (DeltaBloc PU500 membranes) have a 48 hour UV top coat window. DeltaBloc UV top coat application after this time frame may affect the adhesion of the top coat. Ensure waterproofing membrane is clean, dry and dust free before applying the DeltaBloc UV top coat.

Existing DeltaBloc PU500 waterproof membranes (older than 48 hours) should be dry, clean and free of dirt, dust and contaminants and should be suitably cleaned. Oil/grease contaminants should be cleaned with detergent, then flushed and allowed to dry.

After drying, the surface should then be solvent wiped to activate the top layer. Allowed solvent to flash Off the surface of the Delta PU500 membranes before applying the DeltaBloc UV TC.

APPLICATION

Apply DeltaBloc UV TC membranes by brush, roller and squeegee in one or two coats at the rate of 3m² /L per coat, so that the minimum dry film thickness is approx. 300 microns.

Membrane may be covered with drainage cloth and pebbles, taking care not to damage the membrane.

Application temperature of DeltaBloc UV- TC is >5°C to 35°C.

Recommended substrate moisture (%)...Up to 5%.

PHYSICAL PROPERTIES:

| | |
|--------------------------------|---|
| Colour: | Grey |
| Coverage Approx. : | 3m ² /L per coat at 300um |
| Drying and Curing: | 6 to 8 hours (22°C , 50% RH) Full cure within 24 hours |
| Elongation at break: | 686% Class 111 High Extensibility. |
| Resistance to Cyclic Movement: | 50 cycles (no rupture, tears crazing). |

CLEANING

Reusable tools should be cleaned carefully with Xylene or MEK before curing.

PACKAGING

Available in 15L metal pails.

SHELF LIFE

Shelf life of sealed DeltaBloc UV TC in its original container is 6 months.

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STORAGE CONDITIONS

Keep in cool, dry place away from heat, flame, combustible material and all sources of ignition. Product contains flammable solvents. Do not store in direct sunlight or in temperatures below 5°C or above 35°C.

HEALTH & SAFETY

Please refer to the Material Safety Data Sheet (MSDS) for personal protection, proper handling and storage. Keep away from naked flame. Use only with adequate ventilation. The use of solvent resistant gloves and goggles is recommended.

DELTA Construction Chemicals

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