

Estoflex PU TC

Two Component UV Resistant Top Coat for Coating Systems

Description

Estoflex PU TC is a two component modified aliphatic polyurethane with excellent adhesion and great UV resistant effect.

Uses

Estoflex PU TC area of application includes:

- Building or Apartment with medium duty exposed roof.
- Carpark.
- Planter Boxes
- Structure that require waterproof and elastic protective coating.
- Heavy-vibrated area (Mechanical or Machinery Room).
- Sport Facilities such as Tennis, Badminton, and Basketball Court.
- Steel Structure.

Advantages

- Easy to apply using brush or roller or squeegee.
- Excellent bonding properties to concrete and mortar surface.
- Excellent Water-proof property.
- Good chemical and mechanical abrasion property.
- Unique elastic property of Urethane gives a great crack-bridging property.
- Seamless and flat application outcome.
- Various color selection on exposed waterproofing, allowing for color finishing met with customer's need.

Physical Properties

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|--------------------------------|---|
| Form | Colored Liquid (A) Yellowish Transparent Liquid (B) |
| Color | Green, Grey |
| Density, g/mL | 1.10 ± 0.1 (mixed) |
| Viscosity, cPs | 1000 ± 250 (mixed) |
| Mixing Ratio | 3 : 1 |
| Pot Life at 25°C | Within 3 hours |
| Drying Time at 25°C | Within 24 hours |
| Tacky free Time at 25°C | Within 30 minutes |
| Elongation | More than 450% |
| Dosage | 0.14 – 0.16 Kg/m ² |
| Dry Film Thickness | 50 microns |
| Number of Coating | 1 – 3 times |

Application Instructions

Follow all instruction of Surface Preparation, Priming, and body coat as instructed in its particular TDS prior to **Estoflex PU TC** application.

Placing

- Mix thoroughly **Estoflex PU TC** Part A **Estoflex PU TC** Part B using medium speed (300 – 500 RPM) mixer with spiral-shaped steel stirrer for 3 minutes to achieve consistent quality and color.
- Apply thoroughly onto primed surface using brush, roller or spray application depends on application condition

Cleaning

Tools and equipment just can be clean with acetone or suitable thinner immediately after use. Cured product only can be removed using mechanical action.

Packing & Size

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|-----------------------|-----------|
| Estoflex PU TC | 18 kg/set |
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Coverage

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| Estoflex PU TC | 0.14 – 0.16 kg/m ² /coat |
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Technical Support

Estop offers a comprehensive range of high performance, high quality of repair product for both new and existing concrete surfaces. In addition, the company offers a technical support package to specifies, end-users and contractors, as well as on site technical assistance.

Storage

Store in the dry conditions between 5 – 30 °C. Put away from sources of heat and naked flames in the original, unopened packs. If stored at high temperatures the shelf life may be reduced. **Estoflex PU TC** should be protected from frost.

Shelf Life

8 months in an unopened and undamaged packaging.

Precaution

Application condition:

1. Relative Humidity (RH) less than 85%.
2. Surface moisture less than 5%.
3. Ambient Temperature 5 – 35 °C.

It must be noted that **Estoflex PU TC** is parts of Polyurethane Waterproofing Systems Application, it may need other products to achieve the full Polyurethane Waterproofing Systems.

Safety Measures

Impervious gloves and barrier cream should be used when handling these products.

Eye protection should be worn. In case of contact with eyes, wash thoroughly with plenty of water and seek medical advice if symptoms persist.

If contact with skin occurs, it must be removed before curing takes place. Wash off with an industrial skin clearer followed by plenty of soap and water. Do not use solvent. Ensure adequate ventilation when using these products.

Disposal

Spillage of products should be absorbed on to earth, sand or other inert material and transferred to a suitable vessel. Disposal of such spillages or empty packaging should be in accordance with local waste disposal regulations. For further information, refer to the Product Material Safety Data Sheet.

Additional Information

Estop manufactures and offers a wide range of complementary products, which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spalled concrete are available.

Important Note

Estop products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which may be obtained on request. Whilst Estop endeavors to ensure that any advice, recommendation, specification or information in may give is accurate and correct, it shall not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.