

Estotect CT 500MP

Non-Toxic, Moisture-persistent Epoxy-based Protection Coating for Wide Range Surface

Description

Estotect CT 500MP is a specially formulated epoxy-based protection coating with exceptional chemical resistant and high abrasion resistance.

Estotect CT 500MP can be applied in wide range of surface condition including damp surface area where condensations occur, steel rebars and steel sheet, and any other concrete and/or steel surface that need to protects. Seamless, dense, and compact application of **Estotect CT 500MP** gives a great waterproofing property. Non-toxic and odorless properties of **Estotect CT 500MP** fabricate a protective layer that suitable for water supply facilities.

Uses

Area of Application Includes:

- Internal area of concrete, steel or any other substrate that contain a certain chemical
- Internal area of water treatment with concrete, steel or any other substrate
- Waste water treatment surface
- Chemically exposed substrate surface
- Potable Water container

Advantages

- Non-toxic
- Solvent-free, Odorless
- No primer needed, excellent adhesion to wide range of surface
- Moisture persistent, well-cured in high moisture condition, even when condensation occurred. With this property, **Estotect CT 500MP** can be used as permanent moisture barrier
- Great chemical resistant
- Great abrasion resistant

Properties

Form	Viscous Colored Liquid (A) Yellowish Transparent Liquid (B)
Color	Blue, Green, Grey
Density, g/mL	
Part A	1.40 + 0.05
Part B	1.20 + 0.05
Mixing Ratio	5:1
Pot Life at 25°C	Within 4 hours
Drying Time at 25°C	Within 8 hours
Curing Time at 25°C	Within 15 hours
Service Temperature	-5 - 100°C
Solid Content	100 %
Thickness	0.3 - 3.0 mm Dry Film Thickness

Instruction of Use

1. Surface Preparation

- New Concrete

Substrate should be sound and free from contamination such as oil and grease, mortar and paint splashes or curing compound residues. Excessive laitance can be removed by the use of mechanical methods.

- Old Concrete

Oil and grease penetration should be removed by the use of a proprietary chemical degreaser or by hot compressed air treatment. Any damaged areas or surface irregularities should be repaired using one of the **Estobond Epoxy Putty**

- Steel

Blasting should be conduct to achieve SS 2 1/2 or SSPC SP-10 standard surface profile. The substrate must be free from oil, grease, dust, or any other contamination that would affect bond strength.

2. Excessive dust, debris, and others contaminant material should be removed using high pressure blower or industrial vacuum cleaner.

3. Mixing

Mix thoroughly **Estotect CT 500MP** Part A and Part B using medium speed (300 — 500 RPM) mixer with spiral-shaped steel stirrer for 3 minutes to achieve consistent quality and color.

4. Placing

Apply thoroughly onto surface using brush, roller squeegee, or airless-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.

Packaging

18 Kg per sets consist of :

- 15 Kg per Pail of Part A
- 3g per Pail of Part B

1.4 Kg/m² per mm thickness consumption

Storage

Store in the dry conditions between 5 - 30 °C. way from sources of heat and naked frames in the original, unopened packs.
If stored at high temperatures the shelf life may be reduced.

Shelf Life

12 months in an unopened and undamaged packaging.

Safety Measure

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.

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.