

Estotect VE

Glass Filled Vinyl Ester Coating

Description

Estotect VE is a high-build glass-flake reinforced vinyl ester coating suitable for immersion service of highly corrosive materials. It is a superior chemical tank lining that can withstand a wide spectrum of liquid and solid cargoes. The well arranged glass-flakes in the vinyl ester matrix will form an excellent coating against permeation and thus contributed to the extremely high chemical resistance.

Uses

Estotect VE can be applied over steel and concrete surfaces subjected to exposure of corrosive chemicals or immersion of highly corrosive chemicals or solvents. It is most suitable for chemical tank lining for corrosive chemicals as well as the protective floor topping for areas subjected to splash and spillage of aggressive chemicals.

- Sewage plants
- Marine structures
- Tunnels
- Food processing factory
- Laboratory
- Loading ramp,
- Kitchen,
- Workshop and clean room.

Advantages

- Excellent resistance against a broad spectrum of chemicals.
- Can build up to 750 – 1000 microns in one coat.
- Anti corrosion.
- Fast dry.

Design Criteria

Estotect VE is design to be applied in two coats to achieve a minimum total dry film thickness of 1500 microns. To achieve the correct protective properties, **Estotect VE** must be applied on to the substrate at the coverage rates recommended.

Physical Properties

Finish	Matt
Color	Grey
Volume Solids	98 ± 2 %
No of components	2
Recommended WFT	1000 microns per coat
Recommended DFT	750 – 1000 microns per coat
Drying Time:	
Touch Dry	45 mins
Re-coat	1 hr
Full Cure	12 hrs
Pot Life	30 mins (varies with temperature)

Application Instructions

Surface preparation

Substrate shall be clean and free from laitance, loose particles and previous coatings. It can be prepare blast cleaning, water jetting and acid etching, wire brushing or grinding.

For steel substrates, it is ideally to blast cleaning to SA2½.

New concrete must be cured for at least 28 days. Old concrete must be sound and clean. Abrasive blast will provide best surface for good bonding.

Primer

Estotect VE Primer is a recommended primer to enhance the adhesion and compatibility.

Application

The two components of **Estotect VE** shall be mix thoroughly for 1 – 2 minutes until it obtained a homogeneous mixture, with a slow speed mixer. Do not mix more materials that the quantity to be consumed within the pot life. **Estotect VE** can be applied by brush or spray.

ESTOTECT VE SHALL NOT BE ADDED WITH WATER OR OTHER SOLVENT.

Cleaning

Clean all application tools immediately after use.

Packing & Size

Estotect VE	20 litres pack
Estotect VE Primer	20 litres pack

Coverage

Estotect VE	2 m ² /litre at 500 microns DFT
Estotect VE Primer	10 m ² /litre

Note: Coverage is depends on the substrate surface evenness and porosity. The coverage might be lower on porous surface.

Technical Support

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

Storage

Estotect VE should be stored on pallets in cool and dry conditions. The product shelf life is of 12 months.

Precaution

For industrial use only. Avoid contact with eyes and skin, do not use without protective gears for eyes, hand. Product is not flammable.

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.