

Estop RootProof

Root Resistant Waterproofing Membrane

Description

Estop RootProof is a low VOC one part liquid applied waterproofing membrane that contains a specially formulated root resistance additive, which is effective in constraining root growth. The brownish black solution will dried to a tough and flexible dark black membrane.

Uses

- Roofs
- Balconies
- Decks
- Green Roof System
- Can be added directly to cement for the purpose of constructing structures such as planter box (refer to Method Statement for the details).

Advantages

- Protect against root penetration.
- No damage to plants and yet provide a long term protection to the concrete.
- Low VOC - Environmentally friendly product.
- When fully cured, it forms a tough and flexible membrane.
- Able to withstand harsh pressure.
- Heat resistance
- Seamless
- Ease of application.

Estop RootProof for Roof Garden



Physical Properties

Appearance	Liquid
Solid Content, %	> 90
Colours	Black
No. of components	One
Active Ingredient	Preventol B2
Tensile Strength, N/mm ² (with Geotextile TS10)	5
Elongation, %	500
Crack Bridging	No cracks at 2mm
Heat resistance	Passed
Water resistance	Passed
Fire resistance	Passed
Recommended thickness	3 coats at 1 mm

Application Instruction

Surface Preparation

All surfaces must be clean, free from grease, oil, laitance, and remove all the dirt and contaminants, which might affect adhesion. The impurity outside the structure body should be cleaned thoroughly.

Any crack or water leakage area should be pre-treated and reinforced with Estop repair system (for more detail, please contact Estop staff) before waterproofing.

Priming

For porous concrete surface apply **Estoproof Primer W** (low VOC primer) as a primer coat before application of neat coat.

Application

Apply the first neat coat of **Estop Rootproof** on the substrate surface with brush, roller or by spray method. Leave it to cure for 1-2 hours in between each coat. Recommended thickness is 1mm in 3 coats.

Packing & Size

Estop RootProof	22kg tin
Estop Primer W	20L pail

Coverage

Estop RootProof	0.5kg / m ² / coat Depend on porosity of substrate
Estop Primer W	0.2 – 0.3L / m ² Depend on porosity of substrate

Storage

Estop Rootproof material should be stored below 30°C out of direct sunlight and rain. All containers should remain sealed until ready to use.

Shelf Life

Up to one year in unopened container and stored in a cool and dry elevated place.

Health and Safety

In case of eye splashes or excessive skin contact, wash thoroughly with clean water. If ill effects occur, seek medical attention immediately.

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.

Additional Information

Estop manufactures and offers a wide range of complementary products which includes waterstops, waterproofing 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.