

Estogard FS

High Performance Concrete Floor Sealer

Description

Estogard FS is a floor sealer based on a processed blend of synthetic acrylic resin and modifying agents in solvent to give a quick drying mobile liquid.

Estogard FS cures, seals and hardens interior or exterior concrete surfaces, with resultant increased strength, chemical resistance, and durability.

Uses

Estogard FS provides a permanent floor sealer for the surface of newly placed concrete which retains moisture for effective curing to occur. Multi-purpose curing compound which hardens and seals the surface to give improved chemical and oil resistance. Used especially where it is intended to paint or coat the surface subsequently.

Advantages

- Excellent curing capabilities enable cement to hydrate more efficiently.
- Seals the concrete and provides non-dusting surface.
- Easy application methods reduce labour costs and eliminate the need for other curing techniques.
- Quick-drying and gives a clear odourless coating.
- Can be applied onto internal and external surfaces.
- Ensures adhesion of most subsequent paint coatings or resilient flooring adhesives.

Physical Properties

| | |
|---------------------|-------------|
| Form | Liquid |
| Color | Clear |
| Finished Surface | Matt |
| Specific Gravity | 0.88 – 0.92 |
| Drying Time | 3 – 6 hours |
| Curing Time at 25°C | |
| Initial (Tack Free) | 3 – 6 hours |
| Foot Traffic | 24 hours |
| Light Vehicle | 3 days |
| Final | 5 – 7 days |

Application Instructions

Surface Preparation

Surface to be treated with Estogard FS must be structurally sound and free from loose materials. Cracks or holes can be repaired using a recommended Estop repair materials which should be allowed to cure prior to proceeding.

Oil and grease contaminated surfaces should be treated with a suitable chemical de-greaser followed by washing with clean water and allowed to dry.

Any laitance or existing coating must be removed prior to application as these will prevent the Estogard FS from penetrating.

New concrete floors must be allowed to cure for 14 days prior to treatment. Coloured floors should be allowed to cure for 28 days prior to treatment and a small area tested with Estogard FS to assess the effect on the colour.

Application

Stir well before use.

Ensure that the surface to be treated is dry. Estogard FS can be spray applied or apply with brush or roller, after the concrete substrate is free from dust, oil, loose parcels etc.

The nozzle of the sprayer should be held approximately 500 mm from the surface and passed back and forth to effect complete coverage. The pressure of the spray pump should be maintained to ensure a fine spray at the nozzle.

Allow the solution to be absorbed into the floor for a period of up to 2 hours, any solution not absorbed after this period should be removed. Failure to do so will result in the formation of a weak, glossy surface film following the drying.

Normally a three coats application is recommended for complete treatment, however, very dense, well trowelled surfaces such as granolithic toppings, power floated or vacuum dewatered concrete will generally require only a single coat.

If a second application is necessary, reapply the solution after 2 – 4 hours ensuring that the floor is dry. Time is approximate and will be affected by changing ambient conditions particularly temperature and relative humidity. All surplus solution must be removed as stated previously. The same procedure will apply for a third application if required.

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Limitation

- Do not add water into Estogard FS.
- Estogard FS is not intended for chemical exposure.
- Finished surface is matt.

Cleaning

Clean all the tools and application equipment with water immediately after use. Hardened material can only be mechanically removed.

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Clean tools and equipment immediately after use.

Packing & Size

| | |
|-------------|---------------|
| Estogard FS | 20 litre pail |
|-------------|---------------|

Coverage

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| Estogard FS | 5 m ² per litre |
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**This figure is theoretical and does not include for any additional material required due to surface porosity, surface profile, variations in level and wastage, etc.

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 specifiers, end-users and contractors, as well as on-site technical assistance.

Storage

Estocem UL should be stored on pallets in cool and dry conditions. The product has a shelf life of 12 months.

It shall be protected from high humidity and extreme heat.

Precaution

Contact with the skin must be avoided. Gloves and barrier cream should be used when handling these products. If contact with the resin occurs, the skin should be washed immediately with soap and water. Eye contamination must be immediately washed with copious quantities of water and medical treatment sought.

Estogard FS is flammable. No naked flames allowed. Do not smoke during use.

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.