

Estogard S200e

1.5 – 2.0 mm Self Smoothing Flow Apply Epoxy Resin Based Floor Topping

Description

Estogard S200e is a pigmented self-smoothing epoxy topping designed to provide excellent durability and resistance against abrasion, impact and chemical attack.

When laid, it provides a smooth, gloss surface.

Uses

Estogard S200e is for use in light industrial environments where lasting solution to floor maintenance problems is required. It provides a dense, impervious, coloured and chemically resistant floor surface, which is hygienic and easy to clean. **Estogard S200e** is recommended for clean rooms, laboratories, plant rooms, and light industrial plants, pharmaceutical and electronic industries.

Advantages

- Fast and simple application process which minimizes downtime
- Good resistance to a wide range of chemicals
- Good abrasion resistance
- Seamless, prevents ingress of chemicals and prevents bacterial growth
- Solvent free – non tainting

Physical Properties

No. of Components	4
Colour	Refer to standard colour chart
Specific Gravity, kg/L	1.43 – 1.47
At 28°C	
Pot Life, min	< 60
Workable Time, min	< 60
Initial Cure, hrs	24
Final Cure, days	7
Compressive Strength, N/mm ² BS 6319 part 2 7 Days	45 – 50
Flexural Strength, N/mm ² BS 6319 part 3 7 Days	30 – 40
Tensile Strength, N/mm ² BS 6319 part 7 7 Days	15 – 20
Adhesion Strength, N/mm ² ASTM D412	1.5 (Concrete Failure)
Application Thickness	1.5 – 2.0 mm

Chemical Resistance

Excellent resistance to wide range of industrial chemicals. Chemical chart available upon request



Application Instruction

Surface Preparation

Substrate shall be clean and free from oil, grease and other contaminants. Allow new concrete to cure for at least 28 days before application of primer. Preparation by captive blasting or diamond grinding is ideal for application of topping.

Existing expansion or movement joints should be followed through the topping.

Primer

Application of **Estoprime LV** primer will enhance the adhesion of the screed materials to the concrete slab.

Mixing

Thoroughly mix all Base and Hardener in a mixing vessel. Then add in Filler gradually and mix well using a low speed drill and mixing paddle, until a consistence homogeneous mixture is achieved.

Estogard S200e shall not be added with water.

Application

Pour the mixed **Estogard S200e** onto the hardened primed surface and spread evenly with steel trowel to the require thickness. Roll with spike roller immediately after spreading to remove bubbles and aid the smoothing process.

It is able to apply within 1.5mm to 2.0mm thick.

Cleaning

Clean the tools, etc while the mortars are still uncured with Xylene. Remove hardened material mechanically.

Limitations

Estogard S200e is not recommended to floor with serious rising damp problem or having a relative humidity of greater than 75% as measured in accordance with BS 8203.

It is also not advisable for areas where significant thermal shock is likely to occur.

Packing & Size

Estogard S200e	8L / pack (12 kg)
Estoprime LV	5L / pack (5 kg)

Coverage

Estogard S200e	3.5 – 4.0 m ² / pack / 2mm thick
Estoprime LV	20.0 – 25.0 m ² / pack

**These figures are for guidance only. Actual coverage will depend on the texture and porosity of the surface being covered.

Technical Support

Estop offers a technical support package to specifiers, end-user and contractors, as well as on site technical assistance.

Storage

All products have a shelf life of 12 months if kept in a dry store in the original, unopened packs.

Precaution

Wear suitable protective gloves, clothing, eyes protection and respiratory protective equipment. If swallowed, seek medical attention immediately. Do not induce vomiting.

Do not use thinner in contact with product. Use of any solvent, refer to Estop Technical Department.

Additional Information

Estop manufactures and offer 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.