

Estogard T500e

3 – 5 mm Heavy Duty Epoxy Resin Floor Topping

Description

Estogard T500e is a three component trowel applied epoxy topping.

Estogard T500e can be laid to thickness of 3 to 5mm. It is a seamless and anti-slip surface.

The product is resistant to most industrial chemicals.

Uses

Estogard T500e is for floors in environments where high resistance to industrial chemicals and rising damp is required. It is also highly recommended for floors subjected to heavy wear and tear and heavy vehicular traffic.

Estogard T500e is recommended to engineering plants, chemical plants, traffic aisles and food processing areas.

It may be sealed with Estogard Range of floor coating in areas of significant risk from chemical attack.

Advantages

- Provides long term protection in heavy industrial environments
- Seamless, prevent ingress of chemicals and bacterial growth
- Good resistance to a wide range of industrial chemicals
- Tough and hard wearing which is able to resist high impact and point loading

Physical Properties

No. of Components	3
At 28°C	
Workable Time, min	< 30
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	20 - 25
Application Thickness	3.0 – 5.0 mm
Chemical Resistance	Excellent resistance to wide range of industrial chemicals. Chemical chart available upon request



Application Instructions

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. Allow the primer to be "tacky".

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 mortar is achieved.

Estogard T500e shall not be added with water.

Application

Pour the mixed **Estogard T500e** onto the primed surface and spread evenly with steel trowel to the require thickness. The topping shall be fully compacted to achieve a dense seamless screed. Allow to harden fully.

It is able to apply within 3 to 5mm thick.

If required, apply Estogard Range of flooring to seal the surface.

Cleaning

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

Cleaning

Remove **Estogard T500e** and **Estoprime LV** from tools and equipment with Solvent immediately after use.

Hardened material can only be removed mechanically.

Limitations

Estogard T500e is not recommended to floor with serious rising damp problem or having a relative humidity of greater than 80% 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 T500e	15 L / pack (28 kg)
Estoprime LV	5 L / pack (5 kg)

Coverage

Estogard T500e	2.5 – 3.0 m ² / pack / 5mm thick
Estoprime LV	20 – 25 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 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-user and contractor, 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.

Fire

Estogard T500e and **Estoprime LV** are flammable.

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 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.