

Estogard WA10e

High Performance Water Based Epoxy Resin Coating

Description

Estogard WA10e is a two component water based, epoxy floor coating system, which is applied in two coats to achieve an approximate total dry film thickness of 100 microns.

Estogard WA10e forms a matt, impervious finish which is hard and flexible with excellent adhesion to concrete and certain metal surfaces.

Uses

It is also recommended as a sealer coat to cementitious underlayment, as well as epoxy floor topping to provide a more decorative and easily cleaned surface.

It is suitable for use in floor and walls of warehouses, garages, light industrial and food processing areas, kitchen, laboratory and areas with light vehicular traffic.

Advantages

- Hard wearing and durable with low maintenance costs.
- High resistance to wide range of industrial chemicals.
- Impervious finish provides easily cleaned surface.
- Low odour, safe in use.

Physical Properties

Specific Gravity, kg/L	1.17 – 1.21
No. of Component	2
No. of Coat	2 – 3
DFT (2 coats)	Approx 100 micron
Finish	Matt
Colour	Refer to colour chart
At 28°C	
Workable Time, min	< 30
Tack Free Time, hrs	1 – 2
Recoat Time, hrs	2 – 3
Initial Cure Time, hrs	24
Full Cure Time, days	7



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 WB** primer will enhance the adhesion of the coating to the concrete slab.

Mixing

The individual components of **Estogard WA10e** should be thoroughly stirred before the two are mixed together.

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

Application

The mixed **Estogard WA10e** should be applied by using short hair roller. Ensure that the area is completely coated and that 'ponding' of the material does not occur.

Apply the second coat as soon as the first coat is initially dried.

Cleaning

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

Limitations

Estogard WA10e is not recommended to floor with rising damp problem or having a relative humidity of greater than 75% as measured in accordance with BS 8203.

Packing & Size

Estogard WA10e	4.5 Litre / pack (5.5 kg)
Estoprime WB	5.0 Litre / pack (5.0 kg)

Coverage

Estogard WA10e	45 – 50 m ² / pack / coat
Estoprime WB	20 – 25 m ² / pack / coat

**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.