

Estogard PU10

Polyurethane Floor Coating

Description

Estogard PU10 is a two component polyurethane system. It has excellent adhesion to cementitious and metal surfaces and when cured forms a semi-gloss flexible film. It penetrates the surface to bind together the particles to produce a harder wearing surface.

Uses

As a clear/pigmented sealing coat on cementitious floors or on metal substrate to provide a dustproof and more easily cleaned surface with resistance of penetration of oils and liquids, ideal for warehouse, house, garages, indoor car parks, light industrial buildings.

Advantages

- Easily laid – simple brush application.
- Durability – good resistance to abrasion.
- Non- dusting – totally seals the concrete surface preventing dusting.
- Chemical resistance – excellent resistance to chemical and staining.
- UV resistance – excellent weathering resistant properties.

Physical Properties

Finishing	Gloss
Color	Clear or colored
Volume Solids	45 ± 2%
Drying Time at 25 °C:	
Touch Dry	4 – 6 hrs
Re-coat	24 hrs
Pot Life	4 hours
Temperature Resistance	150 °C for dry service
Recommended Thickness	45 microns DFT

Application Instructions

Preparation

Concrete Surface

The substrate must be cleaned, dry and free from all contamination.

Steel Surface

All surfaces should be grit blasted before application of **Estogard PU10**.

Mixing

Stir Part A thoroughly in the containers with power mixer, then pour Part B into Part A in the pre-weighed packing and continue to stir. Mix to a uniform consistency before application.

Coating

Pour the contents of the **Estogard PU10** into a plastic bucket or similar and apply to the surface to be treated with soft brush until an even coverage is obtained.

A continuous coating of uniform thickness should be allowed between coats.

Total 2 coats of **Estogard PU10** to be applied on the prepared substrate. For optimum adhesion, concrete substrate should be primed with **Estoprime LV** and allow drying.

Curing

The rate of curing is dependent on temperature and other environmental conditions. Provide good ventilation immediately after application to ensure proper curing.

Cleaning

Clean tools and equipment immediately after use.

Packing & Size

Estogard PU10	5 litre pack
Estoprime LV	5 kg pack

Coverage

Estogard PU10	9 – 10 m ² per litre per 45 microns DFT
Estoprime LV	5 m ² / kg

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 product for both new and existing concrete surfaces, in addition, the company offers a technical support package to specifiers, end-user and contractors, as well as on-site technical assistance.

Storage

Estogard PU10 should be stored on pallets in cool and dry conditions. The product shelf life is of 6 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 PU10 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.