

Estogard PU10

Acrylic Urethane Coating

Description

Estogard PU10 is a two component non-yellowing urethane coating designed for a durable and glossy or matt topcoat. Once it fully cured, it shows a tough and glossy finish. It able to withstand aggressive and weather conditions, prolonged exterior exposure, abrasion and impact. **Estogard PU10** resist splash and spillage of acids, alkalines, salts, solvents and gasoline.

Uses

For use on properly treated: Ferrous and non-ferrous metal, concrete and masonry surfaces such as structural steel, stone finishes, garage decks, swimming pool decks, tank exteriors, bridges, masonry blocks, concrete floor and internal wallboard surfaces. **Estogard PU10** is not recommended for continuous immersion services.

Advantages

- Easily laid – simple brush application.
- Durability – good resistance to weathering.
- Cured film is tough and abrasion resistant.

Physical Properties

Finishing	Gloss or Matt
No. of components	2
Color	Standard colours
Volume Solids	55%
Drying Time at 25 °C:	
Touch Dry	1 hour
Hard	24 hours
Pot Life @ 25 °C	5 – 6 hours
Recommended Thickness	75 microns DFT
Coats Recommended	2 coats

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

Mix contents of each component thoroughly to obtain a uniform consistency. Pour the contents of the hardener into the resin container while under agitation. Continue agitation until two components are thoroughly mixed. Do not use mixed material beyond the recommendation pot life of 5 hours maximum.

*Note: Temperature above 30 °C will shorten pot life. Only open the hardener portion when required to mix – the hardener is sensitive to moisture. Do not apply over moisture, in dampness or in temperature below 7 °C

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 litres / set
	20 litres / set
Estoprime LV	5 litre pack

Coverage

Estogard PU10	7.3 m ² per litre
Estoprime LV	5 m ² / litre

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

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Technical Support

Denka 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 below 30 °C out of direct sunlight or rain. All containers should remain sealed until ready for use. If stored as set out above, **Estogard PU10** has a shelf life of 6 months.

Precaution

Keep away from heat, sparks and open flames. Do not take internally. May irritate eyes and skin. Protective clothing and gloves are recommended to prevent sensitization to these materials. In case of eye contact, flush with soap and clean water and seek medical attention immediately. Use with adequate ventilation. Close container tightly and wash hands after use. Keep out of reach of children.

Additional Information

Denka Construction Solutions Malaysia Sdn Bhd 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.



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