

Estoprime PU T117

Polyurethane Based Primer

Description

Estoprime PU T117 is a one component low viscosity polyurethane fluid that cures with the humidity in the atmosphere. It is especially designed to enhance the adhesion of polyuria or polyurethane high solids products on porous substrates.

Uses

- As primer, shows excellent adhesion polyuria or polyurethane resin to concrete, or P.C panel
- To reduce the concrete permeability and thereby reduce water penetration and enhance durability.

Advantages

- Excellent operation condition and dryness
- Good adhesion to the bottom and water resistance
- One component type and cured by chemical reaction with moisture from the air

Physical Properties

Colour	Transparency
Cold resistance	'- 40 °C
Specific Gravity	Approx. 0.98
Drying Time (25°C)	40 mins

Application Instructions

The relevant data sheet for the product overlay must be read before applying the primer. This gives full details for applying the complete system.

Surface Preparation

It is essential that the priming system is applied to a sound, clean, dry substrate in order to achieve the maximum adhesive bond and long-term durability.

New Concrete Floors

Allow the concrete floor to cure for at least 28 days old and give a hygrometer reading not exceeding RH 75% when tested in accordance with BS 8203. Appendix A. Dry removal of laitance by captive blasting or mechanical scarification (for toppings and screeds) is recommended. Where this is not feasible, treat with acid etch product, followed by thorough rinsing with water and complete drying. Dust and other debris should then be removed by vacuum brush.

Old Concrete Floors

A sound, clean substrate is essential to achieve maximum adhesion. Preparation should be carried out as for old concrete floors. Oil and grease penetration should be removed by hot compressed air treatment.

Application

Premix the Estoprime PU T117 before use with slow speed mixer or rod.

Apply 0.2 ~ 0.3 kg/m² **Estoprime PU T117** with roller, spray or brush.

If the primer is left for longer than the maximum over-coating time of 24 hours at 20°C (12 hours at 30°C) the substrate must be abraded, solvent degreased and re-primed. If the primer is being overlaid with a trowel-applied screed, this screed should be applied while the product is still tacky.

This is to ensure that there is sufficient resistance to the trowel and the screed does not skid over the floor surface.

Attention

Be careful of absorption and fire since contains a solvent

Seal up in stock since reaction to moisture in air

Packing & Size

Estoprime PU T117	17 kg / can
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Coverage

Estoprime PU T117	0.2 ~ 0.3 kg/m ²
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The coverage figures given are theoretical - due to wastage factors and the variety and nature of possible substrates, practical coverage figures will be reduced. Typically, an additional 10% should be allowed.

Technical Support

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

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Storage

Store in dry and covered condition. **Estoprime PU T117** has a shelf life of 12 months in an unopened container.

If stored in extreme heat condition, the shelf life may be reduced.

Precaution

Suitable protective gloves and goggles should be worn. If swallowed seek medical advice immediately. Do not induce vomiting.

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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