

Cipoxy 61

Adhesion promoter for resin topping

Description

Cipoxy 61, is a uniquely formulated two component, resin based adhesion enhancer, recommended to improve adhesion of resin toppings when over laid to a variety of impervious substrates like vitrified tile, glazed tile, granite, marble etc.

Uses

Cipoxy 61 is used as adhesion enhancer for non-porous substrates.

Key features

- Excellent adhesion
- Excellent bond to epoxy and EPU top coats

Properties

Type	: Resin based
Mixing ratio (Resin : Hardener)	: 2.5 : 1 by weight
Appearance	: Clear
Pot life @ 27°C ASTM D 2471	: 90 - 120 minutes
Recommended DFT ASTM D 1186	: 200 microns
Drying time ASTM D 1640	
Surface dry	: 60 minutes
Tack free dry	: More than 6 hours
Hard dry	: 24 hours
Application	: By levellor
Theoretical coverage	: 3.80 sqm / kg @ 200 microns
Recommended thinner	
Clean up	: PUT 502
Shelf life	: 12 months in the unopened container

Performance data

Pull of adhesion ASTM D 4541	
On concrete	: Concrete failure
On vitrified tile	: 12 MPa
On glazed tile	: 12 MPa
On granite	: 9 MPa
On marble	: 9 MPa

Note : The typical physical properties given above are derived from testing in a controlled laboratory environment. Results derived from testing field-applied samples may vary, dependent on actual site conditions

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APPLICATION INSTRUCTIONS

Grind the surface by mechanical means to remove the sheen. Mix resin and hardener in a bucket and stir mechanically to get uniform mixture. Agitate the mixture for 5-6 minutes. Apply by levellor. Allow to cure for 8 hours. The primed surface is now ready to receive screed / top coat.

Packaging & Coverage

Cipoxy 61 : Resin and Hardener available in 5 kg packing each : 3.8 sqm / kg @ 200 microns

(Mixing ratio of Cipoxy 61 - 2.5 : 1 by weight)

Storage and handling

The product should be stored in accordance with national regulations. It should be kept in a cool, well ventilated area, away from heat, direct sunlight, sparks and children. Handle with care. Ideal temperature for storage of the material is 25°C to 30°C, in a covered shed.

Health and Safety precautions

Please refer to MSDS. Observe reasonable care and employ ordinary hygienic principles such as washing the hands with soap and water before eating. It is recommended to wear gloves, goggles and nose masks while application. In case of splashes on the skin, dampen the cloth with thinner PUT 503 and wipe the hands with the cloth. Wash then with soap and water. Dried film is non toxic. In case of contact with eyes, rinse with plenty of water and seek medical advice. In case of continuous exposure to vapour, the applicator should be immediately moved to get fresh air. The disposal of excess or waste material should be carried out in accordance with the local legislations. Cipoxy 61 is non-flammable. Flash point is above 100°C.

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