

Duracove Primer

Polyurethane primer

Description

Duracove Primer is a medium viscosity Polyurethane primer for Duracrete range of coving systems.

Uses

Duracove Primer is used as a primer on concrete before laying Duracove coving screed/ mortar.

Key features

- Excellent adhesion to concrete and other cementitious substrates
- Excellent bond to Polyurethane mortar
- Easy to apply



Certified

Properties

Type : Polyurethane

Mixing ratio (R:H) : As per set

Mixed density : 1.06 gm/cc

ASTM D 1475

Pot life @ 27 °C : ≥ 10 -12 min

ASTM D 2471

Drying time

ASTM D 1640

Surface dry : 3 hrs

Tack free dry : 5 hrs

Hard dry : 24 hrs

Recommended thinner : PUT 502

Clean up

Shelf life : 6 months in the un-opened container

Performance data

The mandatory performance parameters as per FeRFA and EFNARC guidelines for resin Flooring systems

Adhesion test, pull off : 2 MPa with
ASTM D 7234-2022 concrete failure

TYPE 2 EFNARC GUIDELINE

FLOOR COATING

Directions to use

Ensure that CDS (Clean, Dry & Sound) test is conducted on the concrete. Surface preparation like scarification, grinding or shot blasting is done to achieve a surface profile of 150-200 microns. Unpack the components of Duracove primer and mix Resin 1.0 kg and Hardener 1.1 kg for 1-2 mins using a slow speed drill mixer fitted with suitable stirrer. Apply primer using a roller / brush. Allow the primer to part cure for 1-2 hrs and apply Duracove mortar when primer is wet.

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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Packaging and coverage

Duracove Primer : Pre-weighed set of 2.16 kgs : 40 rmt / set for 50 x 50 mm cover
27 rmt / set for 75 x 75 mm cover

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. Mix resin and hardener as per the ratio. Use the mix solution within the pot life time. 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 or smoking. It is recommended to wear gloves, goggles and nose masks while application.

Incase 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. Incase of contact with eyes, rinse with plenty of water and seek medical advice. Incase 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.

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