

Duracove Sealer

Polyurethane Sealer coat for Coving

Description

Duracove Sealer is a cost effective, three components, trowel applied, Polyurethane coving sealer for Coving mortar. It is designed for use with Duracrete range of flooring systems to give a seamless finish for hygienic areas.

Uses

Duracove Sealer is used as a sealer coat on mortar/ Screed for horizontal and vertical covings in pharma and food processing industries.

Key features

- Excellent adhesion to concrete and other cementitious substrates
- Excellent bond to Polyurethane and epoxy topcoats
- Easy to clean
- Water based and Non-tainting
- Seamless

Properties

Type	: Polyurethane cement	Theoretical coverage	35 rmt / set for 50 x 50 mm cove 26 rmt / set for 75 x 75 mm cove
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Mixing ratio (R:H)	: As per set	Shelf life	: 6 months in the unopened container
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Mixed density ASTM D 1475	: 1.63 gm / cc	Recommended thinner	: PUT 502 Clean up
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Pot life @ 27°C ASTM D 2471	: 10 - 12 minutes
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Drying time ASTM D 1640

Surface dry	: 3 hrs
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Tack free dry	: 6 hrs
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Hard dry	: 24 hrs
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Performance data

The mandatory performance parameters as per FeFRA and EFNARC guidelines for resin flooring system

Pull of adhesion test ASTM D 7234-2022	: ≥ 2 MPa for M20 grade concrete / concrete failure
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Directions to use

Unpack the components of Duracove Sealer, mix Resin for 1 min using a slow speed drill mixer fitted with suitable stirrer, add Hardener and mix for another 1 min. Add formulated aggregates while mixing and continue mixing for another 1-2 mins. Apply sealer on coving mortar using a steel float and coving trowel. Allow the sealer coat to cure.

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

Duracove Sealer is available in pre-weighted kit of 2 kgs and has a maximum shelf life of 6 months in the un-opened containers

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.

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. 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.

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