SPECTRA FLOGUARD ERP 2K

TWO COMPONENT EPOXY RESIN BASED PRIMER FOR MULTIPURPOSE USE

Description

Spectra Floguard ERP 2K is a two component modified epoxy resin system which in combination with Epoxy resin and Hardener cures into hard mass. The product is suitable for primer application on various substrates.

Uses

Spectra Floguard ERP 2K combination is suggested for

- Primer for Epoxy and Polyurethane resin systems.
- Bonding of old to new concrete.
- Coating of water tanks, pipes and other metal
- Concrete structures.
- Filling of horizontal and vertical joints in concrete.
- Epoxy mortar binder.

Advantages

Spectra Floguard ERP 2K system is characterised by-

- Good mechanical properties
- Low exotherm & long pot life
- Excellent adhesion under wet & dry condition
- Ability to cure in moist condition

Coverage

2-4 Sq. Mtr per Kg of the mixed material per Coat depending on the surface conditions.

Packaging

The product is available in 6 kg packaging
Component A – 4kg & Component B – 2kg

Storage & Shelf Life

12 months from the date of manufacturing in sealed unopened container. **Spectra Floguard ERP 2K** should be stored in a well-ventilated area away from direct sunlight.

Technical data

Appearance Component A Component B	 Yellowish liquid Brownish liquid
Mixing ratio(by wt)	2:1
Density of mixed component(g/ml)	1.11
Viscosity Component A Component B Mixed component	 300-500 Cps 500 -700 Cps 500-600 Cps
Pot Life	Mixed Material. Approx 45-60 mins. at 30°C
Recoating Time	10-16 hours.
Drying Time	Surface Dry - 10 hours Hard Dry - 24 hours
Film Thickness	100 to 150 µm
Bond strength as per ASTM D 4541	Min 35 kg/cm2
Shore D hardness(ISO 868)	75

Application Instruction

Surface Preparation
The application surface must be durable, fully cured, sound, dry, clean and clean off all contaminant, rust, oil, dust etc. Surface must be roughened mechanically by suitable means of surface preparation before application.

Mixing
Then Epoxy Resin, Component A, Component B and water is mixed under low speed mixer or manual mixing during 3-4 minutes until homogenous mixture is obtained.
Mixing ratio
Component A : Component B – 2:1 by weight

For primer applications, prepared mixture is applied on the surface by using roller, brush, trowel or metal squeegee.

Recoating period between the coats is 10-16 hours. Surface must be protected from water and rain at least 24 hours after application.

Product Application

Use the product as per the requirement for primer/ bond coat as recommended by Technical Services for specific use. Mix components of primer in proportion as recommended. Once mixed, primer should be immediately applied in a thin, continuous film using stiff brush/ roller or trowel. Porous floors may require two coats of primer. Primer should be allowed to cure sufficiently, normally 6 – 18 hrs, prior to application of subsequent topping.

Safety Precautions

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability to handle the equipment and to mix/stir and apply the coating correctly. Applicators and operators shall use appropriate protection when using this product. The guideline is based on the correct knowledge of the product.

Cleaning of tools

Tools and equipment after use to be cleaned with thinner or suitable solvent. Cleaning should be done before the material starts to gel or harden.

Disclaimer

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