



SOLPRIME EC

Epoxy Based Cementitious Repair System for Concrete Floors

DESCRIPTION

SOLPRIME EC is an easy to use, three component epoxy based cementitious repair system used for concrete repair application prior to application of floor coating systems. It is designed for filling cracks, minor imperfections on concrete surfaces and doing patch repairs.

TYPICAL USES

- As concrete floor repair: Repairing damaged concrete, filling of cracks
- For repair of concrete floor before application of floor coating systems in warehouse, car park areas, hospitals, kitchen, aircraft hangers & auxiliary areas, packing & storage areas etc

ADVANTAGES

- Easy to use
- Can be applied from 3 mm to 10 mm
- Good adhesion with the concrete & no primer required
- Environment friendly
- Economical
- Can be troweled to a smooth finish
- Can be applied on vertical surface

PACKAGING:

SOLPRIME EC is available in 10 Kgs & 25 Kgs kit.

TECHNICAL PROPERTIES

Density (g/cc)	2.05±0.05
Color	Grey
Compressive strength @ 7 days	>40 N/mm ²
Flexural strength, @7 days,]	>7/mm ²
Initial cure [hrs] 16-18	10 hours
Full Cure	7 days
Application Temperature	5 to 35 ° C

The properties shown above were obtained under laboratory conditions and may vary in practice.

COVERAGE:

SOLPRIME EC 2 KG will give an approximate 1l/m²/mm THICKNESS

APPLICATION INSTRUCTION

SURFACE PREPARATION

The concrete surface should be thoroughly cleaned of all loosely adhering particles, laitance, dust, oil, grease, paint, etc. Grit / captive blasting and mechanical grinding are recommended for removing all surface contaminants.

MIXING

Pour the entire contents of Part B (hardener) into Part A (Base) and mix thoroughly for a minute with a heavy duty paddle mixer fitted to a high torque slow speed (300-400 rpm) drill to get a homogenous mix. Then add Part C (Powder) slowly into the mixture and further mix continuously until a uniform consistency is achieved. As the product is supplied in pre-weighed packs, part mixing is not recommended, as the cured product will not achieve its full properties even if there is a small variation in the mixing proportions.

APPLICATION

Application can be carried out by a steel trowel or putty knife or scrapper. Press firmly the mixed mortar into the area to be filled to ensure proper adhesion. The area repaired with SOLPRIME EC can be over coated with any epoxy or polyurethane coating after it achieves its initial cure.

CLEANING

Clean all the tools with any solvent immediately after application.

STORAGE

Store all material in a cool, covered dry place. Do not expose the pails to direct sunlight and keep away from all sources of heat.

The shelf life of the product is 12 months in unopened condition if stored as per the recommendations. Exposure to high temperature and humidity will result in considerable deterioration of the product and reduce its shelf life.

HEALTH & SAFETY

As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

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