



Technical Data Sheet

Ecohard EPFC Epoxy Fair Coat Repair Mortar

Description

Ecohard EPFC is two components, solvent-free, thixotropic epoxy resin with graded fillers to be applied directly to concrete substrates, without primer, and cures to a surface ready for over coating system

Applications

Ecohard EPFC is designed for filling pinholes and surface irregularities in concrete prior to the application of subsequent coatings. It can be applied from a feather-edge up to 3 mm thickness.

- Patching repair to imperfections in concrete surfaces
- Adhesive between concrete to concrete and metal to concrete
- Filling concrete pin holes
- Sealing of surface cracks in preparation for crack injection

Advantages

- Adhere to most of building materials without the need of primer
- bond and cure under damp conditions,
- Very good abrasion
- Solvent free, negligible-shrinkage
- Resistant to wide range of chemicals

Technical properties

Color:	Light Grey
Mixed Density	1.65 kg/L
Solid content:	100%
Application Thicknesses	1-3 mm
Pot life:	70-120 minutes @ 25°C
Min. application Temp.:	5°C
Foot traffic:	24hrs @ 25°C
Full cure	7 days @25°C

Method of use

Surface preparation

All surfaces must be clean, and free of any adverse moisture conditions.

Abrasive blast to open all surface voids and remove all form oils, incompatible curing agents, hardeners, laitance and other foreign matter and produce a surface texture similar to that of medium grit sandpaper



Mixing

Ecohard EPFC is supplied in two pre-weighted packs (base and hardener).

Prior to mixing base with hardener together, stir individual components of **Ecohard EPFC** to disperse any settlement before mixing them.

Taking care to ensure that the bottom and sides are thoroughly scraped.

Mixing should be carried out using either a forced action mixer; or a heavy duty, slow-speed drill fitted with mixing paddle.

The two components should be mixed well until a uniform consistency and color are obtained.

Application

Immediately after mixing material can be taken onto spot boards for individual applicators, trowel, scraper, filling knife and squeegee can be used depending on purpose of use (patch repair, crack filling, bonding agent...).

Ecohard EPFC can be overcoated with all epoxy coatings after a minimum curing period of 24 hours.

Prior to overcoating, the surface of the fully cured **Ecohard EPFC** should first be abraded to assist adhesion, and then cleaned to a dust-free finish.

Yield

Approx. 1.0 liter per achieve 1m² at 1.0mm

Disclaimer:

We hope that the information herein will be helpful. The data is based upon knowledge considered to be accurate and true and is offered for the user consideration, investigation and verification in the application intended. We do not warrant the results or performance attained due to the nature of the influence of other constituent components in the application.



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Storage

24 months when stored properly in unopened original containers in dry conditions at temperature between 10 - 40°C.

Once the packaging has been opened, the useful life of the material is greatly reduced and it should be used as soon as possible

Cleaning

Used materials should be removed from tools, equipment and mixers with Envirocon Solvent immediately after use. Hardened material can only be removed mechanically.

Packaging

Ecohard EPFC is available in 1.0 and 4.0 Liters

Cautions

Health and safety

Avoid skin and eye contact by wearing overalls, gloves, goggles, and air-mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water.

Avoid inhalation of vapors and paint mist by wearing suitable air-mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area.

Smoking in the area should not be permitted. Local safety regulations should be followed.

Fire

Ecohard EPFC is non-flammable.



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