



Technical Data Sheet

Eco-Fair FC2

Single Component Polymer Modified Cementitious Pinhole Filler

Description

Ecofair FC2 is single component acrylic polymer modified powder designed for application to minor imperfections in concrete and masonry surfaces. It is suitable for application in the range 0 to 3 mm

Applications

- Filling pinholes prior to over coating
- General re-profiling over large areas, up to 3 mm depth
- Thin layer render for fair face concrete
- As pore sealer and leveling mortar

Advantages

- Cost effective, single component which requires only addition of water.
- User friendly
- Polymer modified, High bond strength with concrete and compatible with different types of coatings.
- Suitable for internal and external application.

Technical properties

Color	Grey
Mixed density	1.50 ± 0.02
Pot life	25 min @ 25°C
Setting time	70 min@ 25°C
Mixing Ratio	0.4
Min. application Temperature:	5°C

Thicknesses and size limitations

Ecofair FC2 is suitable for application in the range 0 to 3 mm, higher thicknesses can be achieved by applying multiple layers.

Method of use

Substrate Preparation

All surfaces should be clean, sound and uncontaminated prior to the application of **Ecofair FC2**, using brush and /or compressed air.

Immediately prior the application the prepared area should be soaked with clean water



Mixing

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. However for small quantities, **Ecofair FC2** can be hand mixed using proper tools and bucket.

For one full bag of 20kg, 7.5-8.5 liter of fresh water should be added to a clean container.

The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400 - 600rpm). Mixing time should be continued for 3 minutes until uniform consistency is obtained.

To enhance the scratch resistance of **Ecofair FC2**, an addition of Ecobond SBR by replacing up to 50% from total mixing water is advisable.

Application

Apply the mixed **Ecofair FC2** to the prepared substrate, up to 3 mm thickness, by steel trowel. It should be applied with the minimum of working and be allowed to partly set before finally trowelling to achieve a smooth finish.

If a very smooth finish is required, a small amount of water may be flicked on to the surface of the **Ecofair FC2** with a paint brush prior to final troweling.

Do not proceed with the application when rainfall is imminent unless in a sheltered or protected situation.

Ecofair FC2 is finished by striking off with a straight edge and closing with a steel or plastic float. Note that water can be drawn to the surface if 'overworking' with the float occurs, and an unsightly finish may result. Damp sponges or plastic floats may be used to achieve a desired surface texture, but care should again be taken not to overwork the surface.

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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Curing

Curing is not normally required for **Ecofair FC2** however, for harsh weather conditions such as high wind and high temperatures use wet hessian and polyethylene is recommended.

Theoretical Coverage

Approximately: 17 liter / 18 kg bag/1mm.

Storage

Ecofair FC2 shelf life is 12 months if stored at temperatures between 2°C and 50°C in original unopened bags. If these conditions are exceeded, *Envirocon technical department* should be contacted for advice.

Cleaning

All tools should be cleaned immediately after application using fresh water. Hardened materials must be cleaned mechanically.

Packaging

Ecofair FC2 is available in 20kg bags.

Cautions

Health and safety

Ecofair FC2 contains cement powders which, when mixed with water or upon becoming damp, release alkalis which can be harmful to the skin.

During use, avoid inhalation of the dust and contact with the skin or eyes. Wear suitable protective clothing - eye protection, gloves and respiratory equipment (particularly in confined spaces).

The use of barrier creams to provide additional skin protection is also advised. In case of contact with the skin, rinse with plenty of clean water, then cleanse thoroughly with soap and water.

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

Fire

Ecofair FC2 is non-flammable.



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