



Technical Data Sheet

Ecofair 2K

Two components, polymer modified cementitious fairing coat repair mortar

Description

Ecofair 2K is a two components cementitious polymer modified mortar designed for application to minor imperfections in concrete and masonry surfaces. It is suitable for application in the range between 0 to 5 mm

Applications

- Filling pinholes prior to over coating
- General re-profiling over large areas, up to 5 mm depth
- Thin layer render for fair face concrete
- As pore sealer and leveling mortar
- To produce a uniform surface for subsequent paint finish.
- As a skim coat to concrete surfaces prior to the application of protective coatings.

Advantages

- Shrinkage controlled polymer modified cementitious repair mortar which reduces any potential cracking.
- Excellent adhesion to concrete, no independent primer required.
- Compatible with all types of protective coatings.
- Suitable for internal and external applications.
- Cost effective, hand applied no formwork is required.

Technical properties

Color	Grey
Mixed density	1.65± 0.1
Pot life	20 min @ 25°C
Setting time	60 min@ 25°C
Min. application Temperature:	5°C

Thicknesses and size limitations

Ecofair 2K is suitable for application in the range 0 to 5 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 2K**, 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.

Add the entire content of the liquid component to a suitable sized container.

Mix for a short period. Add the entire content of the powder component and mix for about 3 minutes till achieving a complete uniform homogeneous smooth paste.

Ecofair 2K can be applied by steel trowel. The mixed mortar can be applied to the prepared substrates at up to 5mm thicknesses.

The applied mortar should be allowed to stiffen before trowelling to a smooth finish. Stiffening time is available and depending on the ambient temperature and wind speed.

Curing

Curing is not normally required for **Ecofair 2K** however, for harsh weather conditions such as high wind and high temperatures use wet hessian and polyethylene is recommended.

Theoretical Coverage

Approximately: 18 liter/30 Kg Kit

Storage

Ecofair 2K shelf life is 12 months if stored at temperatures between 2°C and 40°C in original unopened bags.

If these conditions are exceeded, *Envirocon technical department* should be contacted for advice.

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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Limitations

- For high temperature applications (above 35°C), it is recommended that the components to be stored in a cool place before the application.
- Ecofair 2K should not be used when the temperature is below 5°C and expected to fall.
- The applied area should be protected from any rain fall within 12hours after the application.
- Any overcoating finish should be done after first layer is completely set.
- Deep voids should be filled with suitable repair products prior to the application of Ecofair 2K.

Cleaning

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

Packaging

Ecofair 2K is available in 30kg/Kit

Cautions

Health and safety

Ecofair 2K contains cement powders which, when mixed with polymer 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 2K is non-flammable.

E n v i r o c o n C o n s t r u c t i o n P r o d u c t s L L C



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