



Technical Data Sheet

Ecoplast RC100

One component, pre-mixed, Polymer Modified Plaster Rush Coat

Description

Ecoplast RC100 is a one component polymer modified cement based plaster rush coat. It provides mechanical key for subsequent applications of the cement based products like plaster. It's prime usage is to roughen the smooth concrete surfaces and ceilings prior to the application of the final plaster..

Applications

Used as a dry pre-mixed mineral based bonding coat to apply on smooth concrete walls and ceilings. Used to provide a mechanical key for subsequent layer of Cement and gypsum based plaster.

Advantages

- Single component, simple to mix and apply
- Excellent adhesion to smooth concrete substrates
- Pre-bagged and factory blended to avoid site batching errors
- Contains no chloride based additives

Technical properties

Color	Grey powder
Mixed density	1.80 ± 0.1
Working time	40 -60 @ 25°C
Curing time	Min 48 Hours@ 25°C

Method of use

Surface preparation

The concrete surface must be free from dust, loose adhered material and plaster and cement droppings, grease oil and paint, etc. The surface should be dampened with water prior to the application for **Ecoplast RC100**.



Mixing

Only mix as much **Ecoplast RC100** as required for immediate use. A forced action mixer should be used to ensure thorough mixing.

Always add powder to water. Care should be taken to mix the material thoroughly.

Used 5.0 Liter of water per 25 kg bag. Water should be added to the mixer first, the powder should be added while the mixer is turning.

Do not add additional water once mixing is completed.

Application

The thoroughly mixed **Ecoplast RC100** should be sprayed on to the substrate using a powder pattern spray gun.

Curing

Protection during hydration is required and water curing is recommended for at least 48 hours.

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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Theoretical Coverage

Coverage rates vary according to the surface irregularities of the concrete. A coverage rate of approx. 8m²/bag will be obtained for a thickness of 2mm.

Storage

Ecoplast RC100 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

Ecoplast RC100 is available in 25kg bags.

Cautions

Health and safety

Ecoplast RC100 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

Ecoplast RC100 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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