



Technical Data Sheet

Ecoplast CM1000

One component, pre-mixed, machine applied, cementitious plaster

Description

Ecoplast CM1000 is single component ready to use spray applied cementitious plaster. **Ecoplast CM1000** is a blend of cement, sand, dry powders, aggregates and selected polymers which when mixed with water produces a thixotropic mortar suitable for plastering on vertical and overhead surfaces which can be applied using a spray plastering machine.

Applications

Plastering of concrete and blocks surfaces internally and externally.

Advantages

- Polymer modified cementitious plaster.
- Spray applied, easy application and surface finishing
- Thixotropic properties allowing high build, for vertical and overhead applications.
- Suitable for internal and external application.

Technical properties

Color	Grey powder
Mixed density	1.70 ± 0.1
Working time	40 -60 @ 25°C
Setting time	70 min@ 25°C

Method of use

Substrate must be clean and free from oil, grease, dust and laitance.

The traces of mould joints must be leveled. In case of smooth surface, a spatter dash slurry coat should be applied as a key by using **Ecoplast Rush**. Let it dry 3 days before plastering application. Soaking/wetting the surface is required immediately before the application.



Ecoplast CM1000 is applied by plastering machine or by hand. The dosage of water maybe 7-8 liters of clean water per 50kg bag. For thickness of more than 15 mm, apply in two coats.

After spraying, smooth the surfaces using a straight edge, and let the product dry before finishing it with a synthetic sponge.

Curing

Protect the newly applied plaster from sunshine and wind. **Ecoplast CM1000** is cementitious based and should be cured in a similar method to other cement based materials.

Soak the applied surfaces with water 3 - 4 times a day after setting.

Theoretical Coverage

Approximately: 1.25 m²/50kg bag at 20mm thickness

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

Ecoplast CM1000 shelf life is 6 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 CM1000 is available in 50kg bags.

Cautions

Health and safety

Ecoplast CM1000 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 CM1000 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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