

One part repair compound for structural and cosmetic concrete repairs. Renocem FC is specially developed to be used in precast applications.

Description

Renocem FC is a single component cementitious repair compound blended with polymer additives. It requires only the addition of water to give an easy to use mortar for fast setting repairs that develop high early strength.

Advantages

- Polymer modified to provide excellent strength and bond.
- Slurry priming easy & simple to prepare.
- Mid grey colour to suit most substrates.
- Chloride free.
- Sulphate free.
- Excellent surface finish.

Properties

Nature : Powder

Colour : Grey

Density @ 13% water ca. 2.1

Appx yield; 25kg pack 12.75 lts Typ. Comp. Str. at 28d 40 N/mm²

Pot life for Standard Grade

5 deg C 55mins

10 deg C 40mins

20 deg C 30mins

Instructions for use

Preparation: Ensure that the substrate is free from oil, grease or other contaminants. The ideal preparation is to sawcut the perimeter of the area to be repaired to provide at least 6mm of saw cut to avoid feather edging. Thorough saturation of the repair area with clean water is essential to ensure full adhesive bond of the mortar. Ensure that no free water remains before starting the mortar application.

Priming: Thoroughly soak the substrate with clean water in advance of the application. Apply a brushed slurry application of Renocem FC/water to the pre-soaked repair area at the mix ratio of 4:1 by volume.

Mixing: The product should be mixed in a clean vessel with clean tap water. Use a mechanical mixer with a slow speed drill and paddle. Place 3.0 litres of water into the container then add the powder to the water to produce the required consistency adding up to a further 0.35 litres of water if needed.

Smaller mixes can be made by hand using above ratio (max 15% water by volume).



Note:

Excess water addition may result in shrinkage and cracking.

Placing: Ensure that the material is placed during its pot life. Discard hardened materials. Do not re-temper.

Use a gloved hand or a trowel to place the material as per good concreting practice. Ensure that the mortar is fully worked into the concrete substrate to attain maximum adhesion.

Wash all tools with water before the mortar hardens.

Precautions

Refer to the Material Safety Data Sheet for the product.

Packaging

Renocem FC is supplied in 25kg bags.

Storage

Renocem FC should be stored at a temperature of 5-25°C. Ensure the product is kept completely dry and protected from strong direct sunlight and frost.

Renocem FC has a shelf life of at least 12 months when stored in its original unopened containers

Cleaning & Disposal

Equipment can be cleaned with water. See MSDS for further details on disposal.

Disclaimer

The physical properties quoted are typical, and should not be taken as a specification. The information supplied in our literature is based on data and experience and is given in good faith. Our policy is one of continuous research and development and we reserve the right to update this information at any time; customers should therefore ensure they have the latest issue. Whilst we guarantee the consistent high quality of our products, we have no control over the circumstances in which our materials are used, site conditions or the execution of the work and are therefore unable to accept any liability for any loss or damage which may arise as a result thereof. Materials are supplied in accordance with our standard conditions of sale.

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