

BUILD TECH FAIRING COAT

Cementitious Fairing Coat for pre-cast and off-form concrete

DESCRIPTION

Build Tech Fairing Coat is a fine textured, fast setting, cementitious mortar, specifically formulated for repair of damaged concrete where only a thin layer is required. The specially selected cements and polymers contained in Fairing Coat produce a fast setting mortar with exceptional adhesion to concrete and masonry materials with negligible shrinkage.

Build Tech Fairing Coat cures to an exceptionally smooth textured surface that does not reflect through subsequently applied architectural coatings.

ADVANTAGES

- Fast setting
- Smooth textured surface
- Excellent bond to concrete
- Easy to use
- Durable repair

TYPICAL PROPERTIES	
Set times @ 20°C	
Initial Set	25 minutes
Final Set	50 minutes
Compressive Strength	
28 days	20 MPa

APPLICATION INSTRUCTIONS

Preparation

All contacted surfaces must be free of oil, grease or other contamination which may inhibit bond. Any cracked or weakened concrete should be removed prior to being repaired to provide a solid foundation. Scabbling or water blasting should be used to remove laitance and provide a mechanical key.

Priming

Priming with Renderprime is essential to ensure good adhesion to the substrate. Where the substrate is very porous pre-dampening with water may be required. Free water on the surface will reduce the bond and ultimate strength.

Mixing

Fairing Coat Mortar is suitable for mixing using a drill and suitable paddle, or by hand where only a small quantity is required.

Use 5.0 - 5.5 litres of water per bag of Fairing Coat Mortar to achieve a smooth, soft mortar consistency. Excess water will reduce the final strength and make application of the render more difficult.

Always add the powder to the water while mixing slowly to avoid lumps. Only mix that quantity of material that can be used within the setting time.

Do not attempt to rework or re-temper any partially set product.

Application

Apply the mixed Fairing Coat Mortar to the substrate using a trowel to give the required finished thickness. The maximum thickness applied in any application should be limited to 5mm. Feather edging may be used in patch repairs.

Curing

The application of a thin coat of Renderprime as a curing membrane will reduce premature drying in repairs subject to direct sun or strong winds.

CLEAN UP

Clean all equipment with water immediately after use.

ESTIMATING

Packaging

Fairing Coat Mortar is supplied in 20 kg bags.

Renderprimer is supplied in 1, 5 and 20 litre containers.

Material usage

A 20 kg bag of Fairing Coat Mortar will cover approximately 4 m² at an average thickness of 3mm.

Renderprime is used at 5 to 7 m² per litre. A scabbled surface will reduce the area covered by the primer and topping.

PRECAUTIONS

Do not use Fairing Coat Mortar in areas subject to rising damp or in wet areas.

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Where temperatures less than 10°C or greater than 35°C are encountered, contact our Technical Staff for specific advice.

STORAGE

Fairing Coat Mortar is a cement based product which must be stored in a dry area off the ground.

Fairing Coat Mortar should be used within 12 months of date manufacture.

HEALTH AND SAFETY

Fairing Coat Mortar is non-toxic, but it is alkaline in nature. Any contact with eyes or skin should be washed off with clean water.

Protective gloves and clothing should be worn while mixing and applying this product.

For more detailed information, please read the MSDS for this product.

TECHNICAL SUPPORT

Build Tech manufactures a comprehensive range of high quality, high performance construction products. In addition, Build Tech offers technical support and on-site advice to specifiers, end users and contractors.

Please contact your Build Tech sales representative or Build Tech Head Office for this service.

The information and any recommendations relating to the application and end-use of all Build Tech products are provided in good faith based on Build Tech's knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by Build Tech. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions. All users should always refer to the most recent and up to date issue of the Technical Data Sheet for the product concerned, which is available on request. It is recommended that products should always be properly stored, handled and applied under tested and recommended conditions.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.