

KONSTRUKT FAIRING COAT MORTAR

Cementitious fairing coat for pre-cast and off-form concrete

Product Code:
MORTARFC20

Issue Date: 21/08/2015

DESCRIPTION

Konstrukt Fairing Coat Mortar 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 Mortar produce a fast setting mortar with exceptional adhesion to concrete and masonry materials with negligible shrinkage.

Konstrukt Fairing Coat Mortar 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 Rendergrip A 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 Rendergrip A 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. Rendergrip A is supplied in 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.

Rendergrip A 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.

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.

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TECHNICAL SUPPORT

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

Please contact your Local Synergy Member for this service.

The information and any recommendations relating to the application and end-use of all Konstrukt products are provided in good faith based on Synergy 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 Synergy. 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.