

Fairing Coat Mortar

Cementitious fairing coat for precast and in-situ concrete

DESCRIPTION

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

ADVANTAGES

- Good adhesion
- Fast setting
- Easy application
- Durable

TYPICAL PROPERTIES

Set Times @ 20°C

Initial	25 minutes
Final	50 minutes

Compressive strength @ 20°C

28 days	20 MPa
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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 predampening 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 retemper 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.

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FAIRING COAT MORTAR

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.

Estimating Data

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.

STORAGE

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

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.

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.

NOTE

Material safety data sheets for these and all Aftek products are available on request. Read the MSDS and product label carefully before using.

All reasonable care is taken in the compilation of this data sheet. All recommendations regarding use are made without guarantee as the conditions of use are beyond the control of the manufacturer.

ALLIED PRODUCTS

Aftek manufactures a broad range of construction products including.

Grouts

Coatings

Admixtures

Adhesives

Sealants

Floor Toppings

Floor Levelling Compounds

Concrete Repair