



3.02 XPERT FAIRING COAT

Cementitious Fairing Coat for Precast and In-Situ Concrete (Mortar)

PRODUCT DESCRIPTION

XPERT Fairing Coat 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 XPERT Fairing Coat 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

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 XPERT SBR 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: XPERT Fairing Coat is suitable for mixing using a drill and suitable paddle or by hand where only a small quantity is required. Use 3.0 – 4.5 litres of water per bag of XPERT Fairing Coat 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 XPERT Fairing Coat 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 XPERT Cure W2 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.

PACKAGING

XPERT Fairing Coat is supplied in 20 kg bags. XPERT SBR is supplied in 5- and 30-liter containers.

ESTIMATING DATA

A 20 kg bag of XPERT Fairing Coat will cover approximately 4 m² at an average thickness of 3mm. XPERT SBR is used at 5 to 7 m² per litre. A scabbled surface will reduce the area covered by the primer and topping.

STORAGE

XPERT Fairing Coat is a cement-based product which must store in a dry area off the ground.



PRECAUTIONS

Do not use XPERT Fairing Coat 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. XPERT Fairing Coat 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 XPERT 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.

WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to XPERT Construction Chemicals ("XPERT") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose.

Satisfactory results depend upon many factors beyond XPERT's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product.

- XPERT shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product.
- XPERT's sole responsibility shall be to replace that portion of the product, which proves to be defective.
- Any warranty claim must be made within six (6) months from the date of the claimed breach.
- This limited warranty applies only if the product was properly installed and used according to all instructions.
- This limited warranty applies only if the was properly stored prior to use.