



# **CHEM FAIRING COAT**

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

Data Sheet

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

### **PRODUCT DESCRIPTION**

**CHEM 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 **CHEM Fairing Coat** produce 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 contamination that may inhibit bond.

Any cracked or weakened concrete should be removed prior to repair to ensure a solid foundation.

Scrabbling or water blasting should be used to remove laitance and provide a mechanical key.

#### **Priming:**

Priming with **CHEM SBR & CEMENT** 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 bond and ultimate strength.

#### **Mixing:**

**CHEM Fairing Coat** is suitable for mixing using a drill with paddle or by hand for small quantities. Use 5.0–5.5 liters of water per bag of **CHEM Fairing Coat** to achieve a smooth, soft mortar consistency.

Excess water reduces final strength.

Always add powder to water while mixing slowly to avoid lumps.

Only mix the quantity that can be used within the setting time do not rework or re-temper partially set product.

#### **Application:**

Apply the mixed **CHEM Fairing Coat** to the substrate using a trowel to achieve the required finished thickness.

**Maximum thickness per application:** 5 mm.

Feather edging may be used for patch repairs.

#### **Curing:**

Apply a thin coat of **CHEM SBR & CEMENT** as a curing membrane to reduce premature drying in repairs exposed to direct sunlight or strong winds.

### **ESTIMATING DATA**

A 20 kg bag of **CHEM Fairing Coat** covers approximately **4 m<sup>2</sup>** at an average thickness of **3 mm**.

**CHEM SBR** is used at 5–7 m<sup>2</sup> per liter.

A scabbled surface will reduce the coverage area of both primer and topping.

### **PACKAGING**

**CHEM Fairing Coat** – supplied in 20 kg bags.

**CHEM SBR** – supplied in 5 L and 30 L containers.

### **CLEAN UP**

Clean all equipment with water immediately after use.

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### STORAGE

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

### PRECAUTIONS

Do not use **CHEM 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.

**CHEM Fairing Coat** is non-toxic but it is alkaline in nature. Any contact with eyes or skin should be washed off with clear water. Protective gloves and clothing should be worn.

**NOTE:** Material safety data sheets for these and all **CHEMCONS** 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

**CHEMCONS** manufactures a broad range of construction products including:

- Admixtures
- Grouts
- Coatings
- Adhesives
- Sealants
- Water Proof Coatings
- Floor Leveling Compounds
- Concrete Repair

### WARRANTY

This product is warranted to be free from defects in material and workmanship, and conform to **CHEMCONS Construction Chemicals** quality control standards.

All recommendations, statements, and technical data herein are based on tests believed to be reliable, but accuracy and completeness are not guaranteed.

No warranty—expressed or implied, including merchantability or fitness for a particular purpose—is given.

Satisfactory results depend on many factors beyond **CHEMCON'S** control.

The user must rely on their own tests to determine suitability for intended use and assumes all risks and liabilities arising from it.

**CHEMCON'S** sole responsibility is to replace any portion of the product proven defective.

Any warranty claim must be made within six (6) months of the claimed breach.

This limited warranty applies only if the product was properly installed, used, and stored as instructed.