

# SOPRA Repair FC

## Polymer and Fibre Modified Fairing Coat

### Description

SOPRA Repair FC is a ready-to-use cementitious product. It contains blended cements, graded sands, additives and fibres which improve flexural and tensile strengths and provide shrinkage compensation.

### Uses

- \* Repair of blowholes and roughness in exterior and interior concrete, masonry block and brick structures.
- \* Residential and industrial structures.

### Advantages

- \* Easy to use, requiring only the addition of cold clean water.
- \* Gives a durable finish.
- \* Useable from thin layer applications to 10mm thickness.
- \* Single pack - low labour cost.
- \* No curing measures are required.

### Packaging

20 kg bags.

### Storage

12 months storage life when stored in original unopened bags at between 2 and 35 °C in a dry and shaded place.

### Properties

Form	Powder
Wet density, kg/m <sup>3</sup>	1860
Setting time @ 25°C, min.	
Initial	20
Final	50
Compressive Strength, N/mm <sup>2</sup>	20
Adhesion to concrete, N/mm <sup>2</sup>	2.5
Coverage, m <sup>2</sup> /kg/mm	2.0

### Application Instructions

#### Surface Preparation

The surface should be clean, free from standing water and all contaminants such as oil, grease, laitance, paint, or corrosion products. Any contamination should be removed by mechanical means to produce a sound substrate. The surface should be washed with clean water to remove all dust. It should be wetted prior to application of SOPRA Repair FC but should not be applied to surfaces which are exposed to running water.

#### Mixing

Complete bags should be mixed using a mechanically powdered grout mixer. Each bag requires 4-6 litres of clean cold water. Ensure that the mixer is damp inside but free of standing water before commencing mixing, add pre-measured quantity of clean cold water. SOPRA Repair FC should be slowly added to the mixer while stirring continuously for at least three minutes to achieve a uniform consistency.

#### Application

**SOPRA** Repair FC should be applied using a steel trowel. It may be applied from a feather edge to 10mm thickness. Compact the mortar to ensure maximum substrate adhesion and density. The grout should be left for few minutes prior to final trowelling. For blowholes filler application, it may be applied using a brush or roller.

#### Curing

**SOPRA** Repair FC will normally cure as applied. In windy or hot conditions, curing measures must be taken immediately after application for at least 14 days, using wet hessian wrapped with polythene sheet.

#### Cleaning

Tools contaminated with **SOPRA** Repair FC can be cleaned using clean water. Hardened grout may be removed by mechanical means.

#### Precautions

##### Health and Safety

**SOPRA** Repair FC is non-hazardous. However, it should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles should be worn. Splashes on the skin should be removed with water. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical attention immediately. Do not induce vomiting.

#### Technical Support

**SOPRA** provides on-site assistance and consulting services on projects when requested. Technical data sheets on other **SOPRA** products and guidance on their use are available on request.

#### Warranty

**SOPRA** products are guaranteed against defective materials and manufacture and sold subject to **SOPRA** standard terms and conditions of sale. Whilst **SOPRA** endeavours to ensure that any advice, information or recommendation given is correct, the company can not accept any liability either directly or indirectly arising from the use of its products, since the company has no control over the application of its products. Information contained in this document is given on the best current knowledge. **SOPRA** policy is one of continuous improvement and the company reserves the right to change the company products without prior notice.