

# Estopatch FC

## Single Component Polymer Modified Fairing Coat

### Description

**Estopatch FC** is supplied in powder form to which water is simply added on site. It contains special pre-blended cements, graded sands, fillers and chemical additives to provide a mortar which has excellent thermal compatibility with both concrete, and other types of **Estopatch Products**.

### Uses

**Estopatch FC** is a specially formulated thin layer mortar to be used as part of the **Estop Concrete Repair System** to reface concrete after repair. It can also be used independently as a render of up to 3 mm thick to face up brickwork and other types of masonry. The addition of polymers gives **Estopatch FC** an extremely durable finish which will not desiccate.

### Advantages

- Easy to use
- Non-shrink. No cracking over large area

### Standards Compliance

- BS 1881
- BS 5075

### Physical Properties

Density, kg/m <sup>3</sup>	2000
Compressive Strength, N/mm <sup>2</sup>	> 30
Fresh weight density	2300 kg/m <sup>3</sup>
Setting Time at 27°C BS 5075	30 – 45 minutes depend on temperature and porosity of substrate

### Application Instructions

#### Surface preparation

When completing patch repairs to concrete elements ensure that the surrounding concrete is clean and free of dust, plaster, oil, paint, grease, corrosion deposits and any other deleterious substances. Laitance should be completely removed by high pressure water blasting, grit blasting or a combination of both. Oil and grease deposits should be removed by steam cleaning, detergent scrubbing or the use of a proprietary degreaser. Any remaining dust or loose material should be blown clean with oil free compressed air.

**Estopatch FC** should not be applied if the substrate is subject to moving water.

### Priming

For a durable finish all surfaces should be thoroughly soaked prior to use ensuring that there is no residual surface water.

For optimal performance a layer of **Estobond Acryl** shall be applied.

### Mixing

**Estopatch FC** can be hand-mixed for small quantity. For large quantity a pan mixer or a slow speed drill fitted with spiral paddle shall be used. Add 5.0 – 7.5 litres of water per 25 kg bag, depend on the mix consistency needed. The yield is about 15 litres per 25 kg bag of **Estopatch FC**

### Application

Application of **Estopatch FC** should be by steel trowel from a "feather edge" to 3 mm. **Estopatch FC** should be applied to the complete area requiring treatment and be allowed to partly set before finally trowelling to a smooth finish. If a very smooth surface is required a small amount of water may be flicked onto the surface of the **Estopatch FC** with a paint brush prior to final trowelling. **Estopatch FC** may also be finished with a sponge float.

### Cleaning

**Estopatch FC** should be removed from tools with clean water immediately after use. Cured material can only be removed mechanically.

### Packing & Size

<b>Estopatch FC</b>	25 kg bag
<b>Estobond Acryl</b>	Refer different data sheet

### Yield

<b>Estopatch FC</b>	15 litre per bag depend on volume of water added
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### Coverage

<b>Estopatch FC</b>	One bag will cover 1.6 – 1.8 m <sup>2</sup> at 10 mm thick
<b>Estobond Acryl</b>	4 – 6 m <sup>2</sup> per litre depends on porosity of substrate

### Technical Support

Estop offers a comprehensive range of high performance, high quality of repair product for both new and existing concrete surfaces. In addition, the company offers a technical support package to specifiers, end-users and contractors, as well as on site technical assistance.

**Storage**

**Estopatch FC** has a shelf life of 12 months if maintained in dry storage conditions in unopened bags. This may be reduced in location of high humidity.

**Precaution**

**Estopatch FC** contains cement powder, which might be harmful to sensitive skin. In case of contacted with eyes, rinse with water immediately and seek medical advice.

**Additional Information**

Estop manufactures and offers a wide range of complementary products which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spalled concrete are available.

**Important Note**

*Estop products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which may be obtained on request. Whilst Estop endeavors to ensure that any advice, recommendation, specification or information in may give is accurate and correct, it shall not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.*