

# Fairing Coat

A filler paste for concrete and plasters

## Description

**Fairing Coat** is a blend of finely divided silica, pozzulanic fillers, Portland cement, powder polymer, pigments and wetting aids. A smooth easily trowellable filler paste for concrete and plasters may be prepared by mixing the **Fairing Coat** powder with clean potable water.

## Strength

**Fairing Coat** remains relatively low modulus after cure. **Fairing Coat** has the toughness to protect and correct deficiencies in concrete but is not suitable for structural repairs under high load. There are other Samson products for this purpose.

## Application

**Fairing Coat** can be applied to concrete, plaster or brick substrates as a scraper coat to feather edge to fill irregularities prior to over-coating. **Fairing Coat** is a thin-set concrete repair mortar for applications of 2 to 3 mm thick.

Samson has a separate range of concrete repair materials and systems where major or structural repairs are necessary and **Fairing Coat** is not suitable.

**Fairing Coat** may be applied by wood-float for textured finish, by steel trowel for a smooth hard finish, or by fairing sponge trowel where smooth appearance or preparation for over-coating is desired.

The surface should be clean, free of dust, and pre-washed to give a dampened but not wet surface to work on. Completely dry concrete, plaster or brick will quickly suck out the mix water from the **Fairing Coat** paste and make smoothing difficult.

No standing water should be on surfaces to be treated with **Fairing Coat**. Usually wetting down two or three times provides a satisfactory surface to receive the **Fairing Coat**. The applicator must use some judgement regarding preparation, taking more care with pre-wetting very porous surfaces, but not over wetting sound surfaces.

## Water Addition

Water added at 25% by weight. 5 Litres of water per 20kg bag. 5m<sup>2</sup> per 20kg bag at 2mm thick. Approx. 2kg per mm per m<sup>2</sup>

## Added Water Warning

**Fairing Coat** should not be re-tempered by adding water after it has started to harden. This will weaken the product. Water may be finely sprayed onto the surface of **Fairing Coat** during application if necessary, but note that the use of excessive water will wash out the polymers in the **Fairing Coat** and therefore result in a dusting surface.

## Curing

**Fairing Coat** cures by oxidation of the polymers and therefore damp curing is not necessary.

## Packaging

**Fairing Coat** is packaged in polyprop woven bags, and is available in 20 kg size. If stored correctly, **Fairing Coat** should have a shelf life of 9 months to 1 year.



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## Warranty

Samson warrants that its products will perform as declared in its literature and this warranty extends only to the replacement of any of its products that may be proven to be defective.

## Disclaimer

Samson Technologies retains the right to change any information in our literature, at any time, without prior notification.