

P3 Primer

Pre-polymered cementitious bonding agent

Description

P3 Primer is a combination of selected rapid hardening cement, thixotropes, pozzolans, polymers and dispersing agents.

Special Features

P3 Primer mixed with water provides a uniquely mobile mixture which easily scrubs into surface interstices of a concrete substrate and advances the bond line strength and mechanical and chemical adhesion of overlayments, repair mortars and the like onto hardened concrete.

P3 Primer liberally brushed onto reinforcing bars provides a passivating polymer and multiple binder rich layer which advances reinforcement to matrix adhesion and acts as a corrosion inhibitor.

P3 Primer develops strength more rapidly than patch mortars or overlayments thus increasing the likelihood of success. The bond line develops tensile stress resistance before stress transfer commences from the hardening of the overlayment or patch mortar.

Installation

The consistency of the slurry may be adjusted for particular applications by adding more or less water.

Scrub the slurry onto the prepared surface leaving striations of about 1mm thick from a stiff bristle brush and apply the overlayment before the slurry skins off.

The prepared surface should be free of all dust, oils etc, and should be dampened but surface dry.

A good guide is to see how quickly splashed on water is absorbed. If immediately it is too dry.

Estimating Data

2 litre of **water** plus 6 kilograms of **P3** will produce approximately 4 litres of slurry with a liquid to binder ratio of 0,33.

This mixture will cover 3 to 6 square metres, dependent on the porosity and profile of the prepared substrate.

Packaging

20 kg or 10 kg polylined bags.

Shelf-Life

9 months correctly stored.

Storage

As for portland cement keep dry in closed bags.



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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.