

# PatchMortar P

General Patch Mortar for Concrete Repair with Powder Polymer added for convenient thin section repairs

## Description

**PatchMortar P** is specially formulated to produce an easily applied, smooth working mortar for patching structural and non-structural concrete. **PatchMortar P** contains powder polymer and therefore does not need latex emulsion to be added for thin section repairs.

## Uses

**PatchMortar P** may be used for patching break-outs, spalls, edge pitting, honey-combs and restoring corners in structural columns. **PatchMortar P** is especially useful to pre-casters for reducing cull rates due to manufacture or handling defects.

## Application

**PatchMortar P** should only be applied to sound, clean, pre-wetted and properly prepared surfaces if delamination of the hardened product is to be avoided. Samson recommends that all repair areas be primed with Samson **P3 Primer**. Consult Samson document "Bonding Concrete – techniques for greater success". The substrate concrete should be wetted to the point that it will not prematurely suck the moisture from either the bonding primer or the mortar which would result in plastic crack development and a weak bond line.

The **PatchMortar P** should be applied wet to wet onto P3 Primer bond slurry. Protect patches from dry wind or direct sun but do not water cure.

**PatchMortar P** may be built up in stages for thick repairs in lifts of about 20mm. Allow each layer to harden before adding the next layer.

## Strength

Mixed at a ratio of 15% water to **PatchMortar P** powder a trowelable mortar is obtained and this will give a water to binder ratio of 0.45 and therefore a 28 day strength of above 40MPa.

## Packaging

**PatchMortar P** is packaged in 25kg polylined, woven bags.

## Shelf Life

The shelf life of **PatchMortar P** is 9 months, properly stored in cool, dry conditions. If in doubt submit a sample to Samson Technologies c.c. for testing and approval before use.



## Samson Technologies cc

Unit 4, Trevallyn Park East, Hyskraan Close, Kya Sands, Randburg, ZA

**Tel:** +27 (0) 11 462 2666 **Email:** info@samson.co.za **Web:** www.samson.co.za

## 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.