

# PC Floor Fastpatch



High-performance fast-setting patch repair screed

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## Product Overview

PC Floor Fastpatch is a single component fast-setting patch repair screed for industrial floors and concrete roads. It is based on the C-S-H seeding technology and it is specially designed as an accelerated high early strength developing product. It will be of particular interest to the maintenance personnel whose concern is to cover up the potholes which cause hazards to pedestrian or wheeled traffic or to repair damaged concrete surfaces.

## Areas of applications

1. Warehouse & Industrial floors, concrete Pavements, commercial floors
2. Loading decks, parking lots and ramps
3. Bridges
4. Industrial buildings, warehouses and
5. For all kinds of multi-storeyed residential buildings.

Note:- The product is suitable where fast track maintenance is desired i.e. within 3 hrs of hold time.

## Properties

1. PC Floor Fastpatch sets quickly and hence enables faster completion of projects.
2. It is economical and hence suitable for both interiors and exteriors.
3. It is resistant to thawing damages.
4. It bonds excellently to the concrete

## Guidelines for Usage

**1. Surface preparation:** Concrete surfaces must be structurally sound and free from dust, grease, oil and loose particles. Clean the profile area properly.

**2. Priming:** Generally primer is not required. If required use any latex based primer. For further details kindly contact Mcrete® technical representative.

**3. Mixing:** Take 2.2 - 2.8 ltr of water for every 20 kg bag of PC Floor Fastpatch. By using a mixing paddle, mix the content appropriately for 3 mins. Do not delay in placing the mixed material, otherwise, the available working life will be reduced. In general, it is recommended that only 1 bag be mixed at any one time to ensure that PC Floor Fastpatch is placed within its working life.

**4. Application:** Apply PC Floor Fastpatch immediately after mixing to the prepared surface. Place the mixed material evenly over the primed surface and tamp in place with a wooden float to ensure full compaction. Strike off the surface to the correct level and finish with a steel trowel, to fully close the surface. Don't use PC Floor Fastpatch for repairs less than 6 mm deep.

PC Floor Fastpatch can be applied up to 50 mm thickness in a single application. For further technical queries kindly contact Mcrete® technical representative.

**5. Finishing:** Don't add water during the finishing operation. Finish the repair mortar to the desired texture. While steel trowel finishing, it is suggested to allow the repaired area to

stand undisturbed until it has reached the initial set, approximately 15 to 25 mins., and then finish with steel trowels.

**6. Curing and Sealing:** Generally moisture curing is preferred. If required, cure the treated surface with PC Cure Wax or PC Cure WB for one entire day depending on the type of other coatings/ toppings to be applied.

## Coverage area

The optimum yield obtained is 0.01 m<sup>3</sup> when a bag of PC Floor Fastpatch is mixed with 2.8 ltr of water. A unit of PC Floor Fastpatch will approximately cover an area of 0.2 m<sup>2</sup> when placed at an average depth of 50 mm.

## Packings available

PC Floor Fastpatch is available in 20 kg bags.

## Storage and Shelf life

PC Floor Fastpatch has 12 months of shelf life when stored in original, dry, unopened packs and away from sunlight.

## Safety Measures

1. PC Floor Fastpatch shouldn't come in contact with eyes.
2. If an epoxy coating will be applied, follow surface preparation procedures as directed by the coating manufacturer.
3. Don't add water to the mixture during the finishing operation.
4. The brushes and tools must be cleaned as soon as the application is over i.e. before the material hardens
5. Wear proper safety equipment like safety goggles, gloves, and suits prior to the handling.

For further information related to application and safety precautions, please contact Mcrete technical representative.

## Technical data

Aspect	Grey coarse granulated powder.
Density	1.50 g/cc
<u>Setting time @ 25°C</u> Initial set Final set	15 - 25 mins 30 - 45 mins
<u>Compressive strength</u> 3 hours 12 hours 1 day 7 days 28 days	20 MPa 25 Mpa 32 Mpa 40 Mpa 50 Mpa
Foot Traffic Vehicular Traffic	3 hours 6 hours

For further clarifications Please contact on below address

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