

# ROCKPATCH



## DESCRIPTION:

ROCKPATCH is a rapid setting high strength cementitious concrete repair compound specifically designed for large volume repair work in voids of a minimum depth of 15mm. It is formulated to provide a high early strength material for patching and repairing concrete surfaces.

## RECOMMENDED USES:

ROCKPATCH is pourable and highly workable for repairing in:

- Highway and roads
- Car park driveways and ramps
- Industrial floor decks and loading bays
- Pavements and floor screeds
- Other uses where minimize down time is of prime importance.

## ADVANTAGES:

- Rapid development of compressive strength : > 20 Mpa at 2 hours.
- Rapid set minimizes operational disruptions.
- Shrinkage compensated – eliminates risk of cracking .
- Excellent bond adhesion to concrete substrate.

## TECHNICAL DATA

WET DENSITY: 2.10 to 2.20kg / Litre

### COMPRESSIVE STRENGTH:

- 2 hours > 20 MPa
- 1 day ~ 40 Mpa
- 28 Days ~ 65MPa

POT LIFE: 30 minutes approx.at 20° C.

Application temp: 5° C to maximum 30° C

Mixing ratio by weight:

1 kg of product: 0.100 Lites water.

Coverage: 25 Kg bag with 2.5 litres of water would cover approximately 0.013 cubic metres

Note: As ROCKPATCH is fast setting, only mix as much product as can be used in 15 minutes.

## PACKAGING:

ROCKPATCH is supplied 10 and 25kg Multi wall paper bags. Keep Dry and ensure that it is used prior to the expiry date printed on the bag.

## WATER DEMAND:

Mixing ratio by weight:

2.5 Litres water to 25 Kg of product.

1.0 Litres water to 10 Kg of product

## PREPARATION AND APPLICATION DETAILS

All Concrete surfaces are to be free from all oil, grease, loose weak and friable material or anything that will inhibit bond to the substrate. Mechanical methods of preparation such as scabbling, grit blasting, captive shot blasting, needle gunning or similar are ideal methods to ensure excellent mechanical adhesion. Any existing paints or coatings must be completely removed.

Before application, dampen the concrete surface with water and allow excess water to drain away. When the surface is soaked with enough water, priming is not necessary. If the surface is inappropriate to soak with water or requires high adhesion prime the surface with a bonding agent and apply the topping while the primer is still tacky.

## MIXING:

Pour the required amount of clean fresh water into a suitable mixing container and add the contents of the bag slowly, being careful not to cause the material to clump, while mixing with a slow speed electric drill (less than 600rpm) with mixing paddle. **DO NOT ATTEMPT TO MIX THIS MATERIAL MANUALLY.** Mix thoroughly until a smooth, lump free consistency is achieved (normally mixing time 3 minutes at 20°C is recommended).

## APPLICATION:

Apply the mixed ROCKPATCH to the prepared substrate by steel trowel in one layer and tamp with a wood float to achieve complete compaction. Finish the surface to achieve the required surface texture. ROCKPATCH can be cured with polyethylene or spray-on curing compound.

## CLEANING:

Clean all tools with water and brush immediately after use.

## STORAGE:

Store all cement products in a cool dry area and use within 6 months.

## WARNING:

### RISK:

Cements may cause respiratory, skin and eye irritation. Wet cement can be irritating and corrosive to eyes and skin; and may cause skin sensitization(dermatitis). Repeated inhalation may cause bronchitis, silicosis and lung cancer and increase risk of scleroderma.

### SAFETY:

Avoid contact with eyes and skin, both from wet and dry mix. Do not breath in dust. Wear suitable protective clothing, gloves, eye protection and barrier cream. Wear a suitable dust

mask. Wash thoroughly after handling and properly store any leftover material.

**FIRST AID:**

Irrigate eyes with plenty of water and seek medical advice immediately.

**SPILLS/LEAKS:**

Keep out of sewers and stormwater and dispose off any leftover as trade waste in accordance with local authority guidelines.

Additional info can be had from the brochures or calling 0800 ASK CEMIX.

**DISCLAIMER:**

Please Note: Recommendations and advice regarding the use of this product are to be taken as a guide only. Other than as appears on this products packaging, CEMIX LTD. does not give any warranty express or implied as to the suitability of this product for your particular use, because the usage of this product is beyond the control of CEMIX LTD. If you need advice concerning the use of suitability of this product for your particular application, please contact CEMIX LTD first. If this product is defective because of CEMIX LTD's fault, please contact the supplier or CEMIX LTD. who will replace it at no cost.