



# QUICK PATCH

## FAST SETTING CONCRETE PATCHING MORTAR



**5kg, 10kg & 20kg**

### APPLICATION:

Dampen the concrete substrate avoiding water ponding. Thoroughly prime the surface with Cemix® Multibond brushed undiluted into the substrate. Do not allow the Cemix® Multibond to dry. Firmly push the Cemix® Quick Patch into the surface or void to obtain a wet bond before the Cemix® Multibond dries. Application is from one side of the patch to the other completely filling the void. Firmly compact the mortar into the void. Feather-edge as required. Trowel finish as required. Apply product in layers for patching thicker than 20mm - Roughen the preceding layer prior to it hardening; then dampen & prime the preceding layer with Cemix® Multibond after it has hardened just prior to applying the next layer.

### Curing:

Cure product thoroughly after it has set by keeping it wet & covered for at least 7 days. Avoid product freezing for at least 3 days.

### DESCRIPTION:

Fast setting, fibre reinforced, polymer and micro silica modified concrete repair mortar for horizontal, vertical & overhead patching & feather edged applications. It can be used up to 20mm in depth in one layer.

### TYPICAL APPLICATION/USES:

Cemix® Quick Patch may be used for:

- Horizontal, vertical & overhead patching & feather edged repairs to concrete
- Precast concrete patching
- Poured concrete patching
- Filling of stable cracks > 3mm
- Honeycombing

### ADVANTAGES:

- One component
- Up to 20mm application depths
- Can be feather edged
- Horizontal, vertical & overhead patching
- Short curing times
- Good bond strength
- Durable
- Improved abrasion resistance
- Low chloride ion permeability
- Fibre reinforced
- Polymer modified

### SUBSTRATE PREPARATION:

Concrete substrates should be clean & free from all contaminants, loose particles, dust, coatings, dirt, mould, oil etc. Substrates must be sound & rough to ensure a good bond. When filling cracks they should be thoroughly cleaned out by water blasting.

### MOVEMENT / CONTROL JOINTS:

Honour any control joints in the concrete substrate – do not apply product over control joints. Form control joints in the mortar as required particularly in long thin sections.

### MIXING:

Mix whole containers of product. Add 80% of water to mixer & then add product to water. Add rest of water slowly whilst mixing until the desired consistency is achieved. Maximum total water is approximately 1.75L for every 10kg of product. Mix thoroughly for 2 to 3 minutes using a drill & paddle or mechanical mortar mixer. Do not mix more product than can be mixed, placed & finished in 30 minutes. In very hot weather consider using chilled mixing water. In very cold weather consider using warm mixing water.

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**TECHNICAL DATA:**

<b>APPEARANCE</b>	Sand / Cement grey
<b>WORKING TIME:</b>	30 minutes at 20°C
<b>STRENGTH:</b>	30MPa @ 28 days
<b>CHLORIDE ION PERMEABILITY:</b>	>1000 Coloumbs
<b>THERMAL COEFF. OF EXP:</b>	9.0x10 <sup>6</sup> mm/mm/ °C
<b>BOND STRENGTH:</b>	>3MPa
<b>APPLICATION TEMP:</b>	5°C - 30°C

*The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations may occur on site.*

**YIELD:**

**5kg:** Approximately 3.1L or 0.0031m<sup>3</sup>

**10kg:** Approximately 6.2L or 0.0062m<sup>3</sup>

**20kg:** Approximately 12.3L or 0.0123m<sup>3</sup>

**PACKAGING:**

Cemix® Quick Patch is available in 5kg, 10kg & 20kg.

**STORAGE & SHELF LIFE:**

Cemix® Quick Patch can be stored in its original packaging in a dry place well sealed for a period of six (6) months after production. Do not store opened bags.

**CLEANING:**

Clean all tools with water & brush immediately after use.

**Limitations:**

Substrate Temperature - +5°C min. / +30°C max.

Ambient Temperature - +5°C min. / +30°C max.

**SAFETY:**

Avoid contact with eyes & skin, both from wet & dry mix. Do not breathe in dust. Wear suitable protective clothing, gloves, eye protection & barrier cream. Wear a suitable dust mask. Wash thoroughly after handling & store any leftover material properly.

**FIRST AID:**

Irrigate eyes & skin with plenty of water & seek medical advice immediately.

**SPILLS AND LEAKS:**

Keep out of sewers & storm water drains & dispose of any leftover material as trade waste in accordance with local authority guidelines.

**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.

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