

QUICKPATCH

Fast setting concrete patching mortar. Fibre reinforced,
Polymer modified.



DESCRIPTION:

Fast setting, fibre reinforced, polymer 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 APPLICATIONS:

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

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

TECHNICAL DATA:

COMPRESSIVE STRENGTH: 30MPa at 28 days

BOND STRENGTH: > 3MPa

THERMAL COEFF. OF EXP: 9.0×10^{-6} mm/mm/ °C

CHLORIDE ION PERMEABILITY: < 1000 coulombs

WORKING TIME: 30 minutes at 20°C

APPLICATION TEMP: 5°C to 25°C

APPEARANCE: Sand/cement grey powder

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

PACKAGING:

5 kg pails; 10kg pails & 20kg bags.

YIELD:

5kg: Approximately 3.1L or 0.0031m³

10kg: Approximately 6.2L or 0.0062m³.

20kg: Approximately 12.3L or 0.0123m³

STORAGE & SHELF LIFE

Can be stored in its original packaging in a dry place well sealed for a period of 6 months after production. Do not store opened bags.

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.

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.

APPLICATION:

Dampen the concrete substrate avoiding water ponding. Thoroughly prime the surface with Cemix MULTIBOND brushed undiluted into the substrate. Do not allow the MULTIBOND to dry. Firmly push the QUICKPATCH into the surface or void to obtain a wet bond before the 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 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.

PRECAUTION

Do not apply product onto surfaces less than 5°C & more than 25° C. Do not use product in temperatures less than 5°C & more than 25° C.

CLEANING:

Clean all tools with water & brush immediately after use.

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 & LEAKS

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

DISCLAIMER:

Recommendations & 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.

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