



# REPAIR & GROUT PATCHING GROUT

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**AVAILABLE SIZE: 625kg, 1.25kg, 5kg**



SCAN FOR  
DETAILS



WORK TIME



SET TIME



CURING TIME



STRENGTH  
AT 28 DAYS

**NOTE:** Due to updates in progress, packaging may vary.

#### DESCRIPTION:

CEMIX® REPAIR & GROUT is a general purpose, high strength, high flow, non-shrink cementitious grout. It contains admixtures that provide positive expansion when the grout is in its plastic state, and shrinkage compensation when it is in its hardened state.

#### TYPICAL USES:

General purpose and precision grouting applications including:

- Small repairs to old and new concrete
- Anchor bolts and rods
- Void, recess and cavity filling

#### ADVANTAGES:

- Versatile - pourable and trowelable
- Resistant to water borne salts
- Abrasion resistant

#### YIELD:

Approximately 0.54L or 0.00054m<sup>3</sup> per kg of product with 180ml of water.

#### STANDARDS:

Complies with NZS 4210:2000

#### PREPARATION:

The substrate should be free of dust, grease, wax, oil, dirt, loose plaster, laitance, curing compounds, paint and all other friable materials and contaminants likely to prevent the grout bonding.

All substrates should be structurally sound, securely fastened and properly supported to eliminate any movement that may cause cracking.

All concrete surfaces should be Saturated Surface Dry (SSD) where possible i.e. saturated surface with no free standing water prior to application.

All formwork should be constructed to prevent any leakage of grout while in its plastic state and to confine the grout during the expansion process. The formwork should be flushed out just prior to application.

When grouting base plates, the formwork should be constructed with enough room to use a header box. The use of steel strapping or bleed tubes are acceptable methods to release any air.

It is recommended to treat any formwork with a CEMIX® formwork release agent prior to application.

It is recommended to prime the surface with a CEMIX® bonding agent before the application of CEMIX® REPAIR & GROUT.

#### MIXING:

1. Add clean water to a mixing container.

Per kg contents to water ratio:

- Drypack: 90ml to 110ml
- Plastic Trowellable: 160ml
- Flowable Grout: 190ml to 200ml

2. Add CEMIX® REPAIR & GROUT slowly to the water, mixing constantly with a mixing paddle, until a smooth consistency is achieved.

#### APPLICATION:

1. Allow mix to stand for 60 seconds prior to immediate application.



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# REPAIR GROUT

2. Application is from one side only, completely filling the void, and avoiding air entrapment.
3. Rod grout to move and compact as required.
4. Trowel finish as required.

**DRYING & CURING:**

To attain maximum compressive strength, minimise water loss during the curing process (at least 7 days).

**CLEANING:**

Clean tools with water immediately after use. If material becomes set on tools, remove using CEMIX® CONCRETE DISSOLVER.

**STORAGE & SHELF LIFE:**

Up to 12 months when stored in the original, unopened packaging, in a dry place at 23°C and 50% relative humidity

**TECHNICAL DATA:**

<b>APPLICATION TEMP</b>	<b>1°C - 25°C</b>
<b>APPEARANCE</b>	<b>Sand / Cement Grey</b>
<b>STRENGTH</b>	<b>40MPa @ 6 hours; 50MPa @ 24 hours; 60MPa @ 28 days 3.2L of water / 20kg</b>
<b>BOND STRENGTH</b>	<b>&gt;3MPa</b>
<b>WORKING TIME</b>	<b>&lt;1000 Coulombs</b>
<b>CHLORIDE ION PERMEABILITY</b>	<b>30mins @ 20°C</b>
<b>THERMAL COEFF. OF EXP</b>	<b>9.0 x 10<sup>-6</sup> mm/mm/°C</b>

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

**LIMITATIONS:**

If your project requires Building Consent, please email [info@cemix.co.nz](mailto:info@cemix.co.nz) about the suitability of this product before use.

**Read Label Before Use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.**

**DANGER**



**HAZARD STATEMENTS:**

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause cancer. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure.

**SAFETY INSTRUCTIONS:**

Obtain special instructions before use. Do not breathe dust/fume. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace.

**RESPONSE:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Call a POISON CENTER/doctor/physician/first aider. Immediately call a POISON CENTER/doctor/physician/first aider. Specific treatment (see advice on this label). IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

**INGREDIENTS:**

Silica crystalline - quartz, CAS: 14808-60-7, 30-60%  
 Portland cement, CAS: 65997-15-1, 30-60%  
 Silica fumes, CAS: 69012-64-2, 1-10%  
 Ingredients determined not to be hazardous, CAS: NA, balance

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**MORE THAN CONCRETE**

# REPAIR GROUT

**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 product's packaging, CEMIX® PRODUCTS LTD does not give any warranty expressed or implied as to suitability for any particular use. For all advice concerning the use or suitability of this product for a particular application, please contact CEMIX® PRODUCTS LTD. If this product is defective, please contact the merchant the material was purchased from or CEMIX® PRODUCTS LTD, who will refund or replace it at no cost, in accordance with the requirements of the Consumer Guarantees Act.

**SCAN QR CODE FOR MORE PRODUCT INFORMATION**



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