

REPAIR & GROUT

PATCHING GROUT

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AVAILABLE SIZE: 625g, 1.25kg, 5kg

20
MINS
WORK TIME

30
MINS
SET TIME

24
HOURS
CURING TIME


60MPa
STRENGTH
AT 28 DAYS


SCAN FOR
DETAILS



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

COVERAGE:

PER KG

0.54L or 0.00054m³ 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 also 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 the product to move and compact as required.
4. Trowel finish as required.

DRYING & CURING TIME:

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:

APPLICATION TEMP: 1°C - 25°C

APPEARANCE: Sand / Cement Grey

STRENGTH: 40MPa @ 6 hours; 50MPa @ 24 hours; 60MPa @ 28 days
3.2L of water / 20kg

BOND STRENGTH: >3MPa

CHLORIDE ION PERMEABILITY: <1000 Coulombs

WORKING TIME: 30mins @ 20°C

THERMAL COEFF. OF EXP: 9.0 x 10⁻⁶ mm/mm/°C

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 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. Causes serious eye damage. May cause an allergic skin reaction. May cause cancer. May cause respiratory irritation. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

SAFETY INSTRUCTIONS:

Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Avoid release to the environment. Contaminated work clothing should not be allowed out of the workplace.

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

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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