



CEMGROUT GP

CONSTRUCTION GROUT

AVAILABLE SIZE: 25kg



SCAN FOR
DETAILS



STRENGTH
AT 28 DAYS



WORK
TIME

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

DESCRIPTION:

CEMIX® CEMGROUT GP 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:

- Sizeable repairs to old and new concrete
- Machine foundations and base plates
- Anchor bolts and rods
- Void, recess and cavity filling
- Reinforcement ducts and pre-cast connections (including pre-cast columns and beams)
- Grouting pipe sleeves and liners

ADVANTAGES:

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

YIELD:

Approximately 13.6L or 0.0136m³ per 25kg bag with 4.5L 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® CEMGROUT GP.

MIXING:

1. Add clean water to a mixing container.
25kg bag contents to water ratio:
- Drypack: 2.25L to 2.75L
- Plastic Trowellable: 4L
- Flowable Grout: 4.75L to 5L

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



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Note: Do not attempt to manually mix. In hot weather, use chilled water. In cold weather, use warmer water.

APPLICATION:

1. Allow mix to stand for 60 seconds prior to immediate application.
2. Application is from one side only, completely filling the void, and avoiding air entrapment.
3. Rod grout to remove air bubbles 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 6 months when stored in the original, unopened packaging, in a dry place at 23 °C and 50% relative humidity.

TECHNICAL DATA:

APPEARANCE	Sand/ Cement Grey
HEIGHT CHANGE	Positive expansion
APPLICATION TEMP.	5°C - 30°C
STRENGTH	50MPa at 7 days 60MPa at 28 days restrained, Max 4L of water
WORKING TIME	60mins at 20°C
CHLORIDE ION PERMEABILITY	<1000 Coloumbs
CRD FLOW CONE TIMES	15 min: 32 sec 45 min: 32 sec
BOND STRENGTH	>3MPa

The data shown above 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.

DANGER



read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

HAZARD STATEMENTS:

Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. 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%

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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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