



REPAIR & GROUT

FAST SETTING NON - SHRINK CEMENTITIOUS GROUT AND PATCHING MORTAR.



625gm, 1.25kg & 5kg

APPLICATION:

Pourable Grout: Typical application depths are from 5mm – 150mm. Dampen the concrete substrate with water just prior to mixing. Avoid any water ponding. Pour Cemix® Repair & Grout into place while the substrate is still damp. Application is from one side only completely filling the void and avoiding air entrapment. Rod the grout to compact if required. Trowel finish as required.

Trowel on Mortar: Typical application depths are from 5mm – 40mm. Build to 25mm on vertical surfaces and 40mm on horizontal surfaces. Apply product in layers for thicker patching. Always apply consecutive layers to a roughen and Cemix® Multibond primed preceding surface. Dampen the concrete substrate and then thoroughly prime it with Cemix® Multibond brushed neat into the surface to obtain a wet bond while the Cemix® Multibond is still wet or tacky. Application is from one side of the patch to the other completely filling the void. Firmly compact the mortar into the void. Trowel finish as required.

CURING:

Cure product thoroughly by keeping it wet after it has set for at least 6 hours and preferably for 24 hours. Avoid freezing.

DESCRIPTION:

Cemix® Repair & Grout is a fast setting, versatile, non shrink cementitious grout and patching mortar for small projects. It can be used as a pourable grout or patching mortar depending on the amount of water added. Characteristics include versatility, fast setting times, high early strength, shrinkage compensation, excellent substrate adhesion and durability.

TYPICAL APPLICATION/USES:

- Numerous small volume grouting and patching applications.
- Repairs to old and new concrete.
- Anchors, bolts, rods and dowel grouting.
- Structural void filling.

ADVANTAGES:

- Just add water.
- Pourable or trowel on options.
- Fast setting.
- Short curing time.
- High early strength.
- Trafficable after 6 hours (weather dependent)
- Shrinkage compensated.
- High bond strength.
- Durable

SUBSTRATE PREPARATION

Substrates should be clean and free from all contaminants, loose particles, coatings, curing compounds, dirt, mould, soft efflorescence etc. Substrates must be sound, rough and dampened to ensure a good bond.

MIXING:

Mix whole containers of product where possible. Mix thoroughly for 2 minutes using a drill and paddle mixer. In very hot weather use chilled mixing water. Do not mix more product than can be mixed, placed and finished in 15 – 20 minutes. Use product immediately after mixing. Pourable Grout: Add approximately 120ml of water per 1kg of product to the water and begin mixing. Add the rest of the water slowly whilst mixing until a pourable consistency is achieved. Typical total water for a pourable to fluid consistency is approximately 150ml for every 1kg of product. Trowel On Mortar: Add approximately 100ml of water per 1kg of product to the mixing container and then add the product to the water and begin mixing. Add the rest of the water slowly whilst mixing until a pourable consistency is achieved. Typical total water for a mortar consistency is approximately 125ml for every 1kg of product. are 6mm wide can be filled with flexible sealant.

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TECHNICAL DATA:

APPEARANCE:	Sand / Cement Grey
STRENGTH:	40MPa @ 6 hours; 50MPa @ 24 hours; 60MPa @ 28 days 3.2L of water / 20kg
APPLICATION TEMP:	1°C - 25°C
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
<i>The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations may occur on site.</i>	

COVERAGE:

As a grout 5kg of product will yield approximately 2.64L or 0.00264m³. As a mortar 5kg of product will yield approximately 2.50L or 0.00250m³.

STORAGE:

Can be stored in its original container with lids tightly sealed in a cool place away from direct sunlight for a period of 6 months after production.

CLEANING:

Remove excess adhesive from between the tiles and clean the tile faces with a damp sponge before the adhesive sets. Clean tools with water before the adhesive dries.

PACKAGING:

Cemix® Repair & Grout is available in 625gm, 1.25kg & 5kg.

GROUTING:

Grouting may be undertaken after 24 hours but allow a further 24 hours before general use. Allow joint widths of 15mm - 5mm for walls and 3mm - 15mm for floors as per AS/NZ 3958.1-2007. Thoroughly clean the surface of the tiles to remove all residue prior to the grout drying.

LIMITATIONS:

- Not suitable for tiling directly over flexible substrates, such as timber, plywood, particleboard, MDF and Masonite UNLESS minimum 6mm thick fibre cement underlay sheet is securely fastened over timber, particleboard etc.
- Not to be used in any external application
- Please ensure that there are adequate falls incorporated to prevent water ponding.
- Not suitable for continuous water immersion applications, e.g. swimming pools and spas etc.
- Not suitable for tiling over waterproofing membranes unless it is a CEMIX approved.
- Not suitable for tiling directly on to impervious non absorbent surfaces like metals and plastics.
- Only to be used between 5°C - 30°C and avoid extreme windy locations.
- Not suitable for floors in commercial high traffic areas.
- Not suitable for moisture sensitive tiles or stone.

PRECAUTION:

This is a fast setting product. Do not mix more product than can be mixed, placed and finished in 15 – 20 minutes. Do not apply product onto surfaces less than 1°C and more than 25°C. Do not use Cemix® Repair & Grout in temperatures less than 1°C and more than 25°C. In very hot weather use chilled mixing water.

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:

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.

