



MORE THAN CONCRETE

0800 ASK CEMIX

CONCRETE & MORTARS

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# NO STEEL CONCRETE

## FIBRE REINFORCED CONCRETE

AVAILABLE SIZE: 20kg



**STRENGTH**  
AFTER 28 DAYS



**SET TIME**



**CURING TIME**



**WORK TIME**



**SCAN FOR DETAILS**

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

### DESCRIPTION:

CEMIX® NO STEEL is a construction grade concrete used in civil, commercial, industrial and residential applications. It is a mixture of sands, aggregates, Portland cement, admixtures and reinforcing fibres. When used in accordance with manufacturer's recommendations, it attains a compressive strength of 28MPa after 28 days.

### TYPICAL USES:

Used for applications including:

- Paths
- Steps & Slabs

### ADVANTAGES:

- Reduced cracking from shrinkage
- Greater impact resistance

### YIELD:

Approximate yield per 20kg bag:

0.01m<sup>3</sup> (equivalent to 300mm x 300mm x 100mm slab)

### PREPARATION:

1. Mark out the area to be concreted with string lines.
2. Excavate the area.
3. Compact the substrate - use reinforcing material where required.
4. Box the area.
5. Apply damproof membranes where required.

### MIXING:

1. In a clean wheelbarrow or concrete mixer add half of the prescribed water.

Bag contents to water ratio:

- 20kg: 1.7L to 2L

2. Add the bag contents to the water and mix thoroughly for 2 minutes.
3. Add more water and mix for an additional 3 to 4 minutes. Do not use more than the prescribed water maximum as this will weaken the finished product.
4. Use the mixed concrete immediately. Do not allow to stand.

### APPLICATION:

1. Place the concrete into the boxed area, spreading evenly with a rake or spade, ensuring the concrete reaches all corners.
2. Work the mix as you go to remove any air voids. To achieve optimal concrete strength, the use of a mechanical concrete vibrating device is recommended.
3. Once the concrete is in place, gently tap the boxing several times every 1m to 2m to further remove any air voids.
4. Level off and finish flat with a wooden straight edge.
5. Any final finishing can be done once the concrete has partially set and any initial surface water has evaporated.

**Note:** Allow for expansion joints where necessary.

### DRYING & CURING:

CEMIX® NO STEEL will take 28 days to attain its full and compressive strength. Avoid walking or driving on fresh concrete for at least 7 days. To attain the maximum compressive strength, minimise water loss during the curing process. Regardless of the curing method, do not apply any sealers to freshly laid concrete for 28 days.

### CLEANING:

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



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## 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: Grey Cementious
- Application Temperature: 5°C to 30°C
- Strength: 28MPa at 28 days

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

## LIMITATIONS:

Where substrate movement is a possibility, the addition of steel is recommended to compliment the benefit of fibres found in CEMIX® NO STEEL.

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. 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. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/eye protection/ face protection. Avoid breathing dust/fumes. 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. **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%  
Potland cement, CAS: 65997-15-1, 10-30%  
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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