



NO STEEL CONCRETE

FIBRE REINFORCED CONCRETE



20kg

APPLICATION:

Dampen the substrate before the concrete is placed. Upon placing the concrete at site, work sufficiently to remove air voids if any and compact well with a tamping rod working into all areas. Level off the corners and finish flat with a wooden float for coarse finish or a steel trowel for a smooth finish. Use Cemix® Concrete Cure WB to cure concrete, or just keep the surface damp for the first 7 days.

NOTE:

Fibers in this mix will resist cracking and thus not prevent cracking caused by overloading the slab with weight or due to movement in the substrate. For commercial heavy-duty slabs please follow the engineers design guidelines.

DESCRIPTION:

Cemix® No Steel Concrete is a 28 MPa construction-grade concrete, consisting of a uniformly blended and properly proportioned mixture of aggregates, cement, air-entraining admixtures and special synthetic reinforcing fibres. This is an excellent product for all types of general DIY concrete applications.

TYPICAL APPLICATION/USES:

- General DIY concrete applications
- Concrete projects 40mm thick or more.
- Workshop floors, driveways, floors, patios & sidewalks in residential situations.

ADVANTAGES:

- Significantly reduced cracking from drying shrinkage
- Superior workability
- Air entrainment for improved freeze-thaw durability
- Greater impact resistance

MIXING:

Empty contents into a wheelbarrow or mechanical mixer or onto a smooth non-porous surface. Add water gradually, mixing thoroughly until a workable mix is achieved. Under ideal conditions a bag of 20kg would require about 2.0 litres of water. Use the mixed concrete immediately, do not allow to the mix to stand.

MATERIALS:

Cemix® No Steel Concrete mix consists of a uniformly blended, properly proportioned mixture of stone, gravel, sand, cement, fibres and other admixtures approved for use in concrete to improve workability and performance of the product.

LIMITATIONS:

Where substrate movement is a possibility, we recommend the addition of steel to complements the benefits of fibre.

PRECAUTION:

HAZARDOUS – PORTLAND AND BLENDED CEMENT. This product may contain Crystalline Silica. Cements may cause respiratory, skin and eye irritation. Wet cement can be irritating and corrosive to eyes and skin; and may cause skin sensitization (Dermatitis). Repeated inhalation may cause bronchitis, silicosis and lung cancer and increase risk of scleroderma.

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.

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TECHNICAL DATA:

APPEARANCE:	Grey Cementitious
APPLICATION TEMP:	5°C - 30 °C
STRENGTH:	17MPa @ 7 days, 28MPa @ 28 days.
<i>The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations may occur on site.</i>	

COVERAGE:

1 x 20kg bag approximately 0.0096m³.

PACKAGING:

Cemix[®] No Steel Concrete is available in 20kg bags.

STORAGE & SHELF LIFE:

Cemix[®] No Steel Concrete in a cool dry area. Use within six (6) months.

CLEANING:

Clean all tools with water & brush immediately after use.

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:

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 products packaging, Cemix[®] Products 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[®] Products LTD. If you need advice concerning the use of suitability of this product for your particular application, please contact Cemix[®] Products LTD first. If this product is defective because of Cemix[®] Products LTD's fault, please contact the supplier or Cemix[®] Products LTD. who will replace it at no cost.

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