



MORE THAN CONCRETE



MULTICRETE

GENERAL PURPOSE CONCRETE

AVAILABLE SIZE: 20kg | 25kg | 40kg



STRENGTH
AT 28 DAYS



SET TIME



CURING TIME



SCAN FOR
DETAILS

DESCRIPTION

CEMIX® MULTICRETE is ideal for all types of general purpose concrete work. It consists of a uniformly blended and proportioned mixture of sands, aggregates, Portland cement and admixtures, designed to improve the concrete's workability and performance. CEMIX MULTICRETE is grey in appearance however it can be coloured to suit using selected CEMIX OXIDE POWDERS. It can be further enhanced by using the range of CEMIX decorative sealers and dust proofing hardeners. When mixed to the instructions below, CEMIX MULTICRETE will attain a minimum compressive strength of 28MPa after 28 days.

SUITABLE PROJECTS

- Concrete jobs with a minimum of 40mm thickness
- Slabs and patios
- Foundations and footings
- Footpaths
- Mowing strips
- Driveways

LIMITATIONS

CEMIX MULTICRETE is designed for every day general purpose and structural concrete work. It is a structural strength product, however for all high strength commercial and civil applications please use CEMIX MAXCRETE 45MPa.

PREPARATION

- The area to be concreted should first be marked out with string lines
- Once excavated, ensure the area is firm. A layer of compacted gravel and/or reinforcing steel can be used if required
- Place 20mm thick wooden boxing edge timber and secure with wooden pegs at 600mm - 900mm intervals
- Dampen the area before the concrete is placed

MIXING

- If only a portion of the bag is being used, the entire contents must first be emptied in to a wheelbarrow and gently yet thoroughly reintegrated, as the materials may have segregated during transport
- One bag of CEMIX MULTICRETE will require approximately 2.5 litres of clean fresh water
- In a clean wheelbarrow or mechanical mixer add approximately half of the prescribed water
- Next, add the contents of the bag and mix thoroughly for 2 minutes
- Add more water up to the maximum of 2.5 litres in total and continue to mix for an additional 3 - 4 minutes until a suitable mixture is achieved. The ideal mix should resemble porridge. Do not add more water as this may weaken the finished set concrete
- Use mixed concrete immediately. Do not allow to stand
- If no wheelbarrow or mixer is available, CEMIX MULTICRETE can be mixed on a clean flat surface by placing the dry material first, then adding the water and mixing as above

APPLICATION

- Place the concrete in to the boxed area, spreading it evenly with a spade or rake, ensuring that the concrete reaches all corners. Care must be taken to thoroughly work the mix as you go, to remove any air voids. This can be achieved with sharp stabbing motions with the spade. Alternatively, a mechanical concrete vibrating device can be used
- Once the concrete is in place, gently tap the boxing several times every 1 - 2 metres to remove any air voids that may have accumulated at the edges
- Level off the concrete and finish flat with a wooden straight edge
- Final finishing can be done after approximately an hour, once the concrete has partially set and any initial surface water has



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evaporated. This is done using a wooden float for a coarse finish or a steel trowel for a smooth finish. Alternatively, a non-skid finish can be achieved using a stiff bristled broom

- For larger areas consider the use of control joints. These can be achieved by either inserting control joint strips at the time of placing the concrete or after it has set, using a masonry saw. Joints should be placed at 2 - 3 times the width of the slab

CURING

- Use CEMIX CONCRETE CURE WB to cure the concrete, or alternatively keep the surface damp and protected from sun and wind for the first 7 days
- As with all concretes, CEMIX MULTICRETE will take 28 days to attain its full and final compressive strength. Avoid walking or driving on fresh concrete for at least the first 7 days

CLEANING UP

Ensure all tools used are cleaned with water as soon as work has finished. Should any concrete become set on tools, it can in general be removed using CEMIX CONCRETE DISSOLVER.

STORAGE AND SHELF LIFE

CEMIX MULTICRETE can be stored well sealed in its original bag, in a dry place, for a period of 6 months.

YIELDS

One 25kg bag will produce approximately .012m³, enough for a slab equivalent to 400mm x 300mm x 100mm.

TECHNICAL DATA

APPEARANCE	Grey Cementitious
APPLICATION	5°C - 30°C
STRENGTH	17MPa @ 7 days, 28MPa @ 28 days.

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

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

DANGER

PORTLAND CEMENT - THIS PRODUCT MAY CONTAIN CRYSTALLINE SILICA

HAZARD STATEMENTS

- Causes skin irritation
- Causes serious eye damage
- May cause an allergic skin reaction
- May cause respiratory irritation



PREVENTION

- 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
- Immediately call a POISON CENTER or doctor/physician
- Take off contaminated clothing and wash before reuse
- IF ON SKIN: Wash with plenty of soap and water
- If skin irritation or rash occurs: Get medical advice / attention
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

STORAGE

- Store locked up
- Store in a well-ventilated place. Keep container tightly closed

DISPOSAL

- Dispose of contents/container in accordance with local regulations



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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 products packaging, CEMIX® PRODUCTS LTD does not give any warranty express or implied as to suitability for any particular use. For all advice concerning the use of, 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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