

DATA SHEET

Maxcrete

High Strength Concrete 35



DESCRIPTION

Any project requiring high early strength (light traffic within 8 hours) and faster set times.

RECOMMENDED USE

It is generally used for:

- Foundation walls and footings
- Sidewalks, curbs, steps, ramps and walkways in high traffic areas
- Appliance and equipment platforms
- Pipe and post footings
- Truck access area
- Playground equipment
- School areas
- Infrastructure areas

COMPOSITION & MATERIALS

HIGH STRENGTH CONCRETE 35 consists of a uniformly blended, properly proportioned mixture of aggregate, sand, Portland cement and other CEMIX proprietary admixtures approved for use in concrete to improve workability and performance of the product.

PACKAGING

- 25kg bags
- Bulk bags available

YIELD

One 25kg bag will approximately produce a slab equivalent to 1000 x 300 x 40mm (0.012 cubic metres).
One 40kg bag will approximately produce a slab equivalent to 1600 x 300x 40mm (0.0192 cubic metres).

DIRECTIONS FOR USE

1. Empty contents into a wheelbarrow or mechanical mixer or onto a smooth non-porous surface.
2. Add water gradually, mixing thoroughly until a workable mix is achieved.
Under ideal conditions a bag of 25kg would require about 2.5 litres of water and a 40kg bag would require 4.0 litres of water.
3. Use mixed concrete immediately, do not allow to the mix to stand.
4. Damp the sub grade before concrete is placed.
5. 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.

6. Level off the corners and finish flat with a wooden float for coarse finish or a steel trowel for a smooth finish.
7. Use CEMIX CONCRETE CURE WB to cure concrete, or just keep the surface damp for the first seven days.

TECHNICAL DATA

After 1 day the concrete will achieve a minimum strength of 10MPa. 17MPa after 3 days. 25MPa after 7 days and 35MPa after 28 days.

STORAGE

Store all cement products in a cool dry area and use within 6 months.

WARNINGS

HAZARDOUS - PORTLAND AND BLENDED CEMENT
This product may contain Crystalline Silica.

RISK: 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 and skin, both from wet and dry mix. Do not breathe in dust. Wear suitable protective clothing, gloves, eye protection and barrier cream. Wear a suitable dust mask. Wash thoroughly after handling and properly store any leftover material.
FIRST AID: Irrigate eyes with plenty of water and seek medical advice immediately.

SPILLS AND LEAKS: Keep out of sewers and stormwater drains and dispose of any leftover material as trade waste in accordance with local authority guidelines.

For further technical advice call 0800 ASK CEMIX.

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 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. If this product is defective because of CEMIX LTD's fault, please contact the supplier or CEMIX LTD. who will replace it at no cost.

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