

# CEMIX



## DIY GUIDES: MAXCRETE



Maxcrete is great for any project requiring high early strength (light traffic within 8 hours) and faster set times. It consists of a uniformly blended, properly proportioned mixture of aggregate, sand, Portland cement and admixtures approved for use in concrete to improve workability and performance of the product. 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, and infrastructure areas.

**35MPa**

### DIRECTIONS



#### Step One

Empty contents into a wheelbarrow or mechanical mixer or onto a smooth non-porous surface.



#### Step Two

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.



#### Step Three

Use the mixed concrete immediately, do not allow to the mix to stand.

#### Step Four

Dampen the substrate before the concrete is placed.



#### Step Five

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.



#### Step Six

Level off the corners and finish flat with a wooden float for coarse finish or a steel trowel for a smooth finish.

#### Step Seven

Use **CEMIX CONCRETE CURE WB** to cure concrete, or just keep the surface damp for the first **7** days.

### TECHNICAL

#### YIELD

**1 x 25kg bag** / approx produce a slab equivalent to 1000 x 300 x 40mm (0.012 cubic metres).  
**1 x 40kg bag** / approx produce a slab equivalent to 1600 x 300 x 40mm (0.0192 cubic metres).

#### STRENGTH

**1 day** / minimum strength of 10MPa  
**7 days** / 25MPa

**3 days** / 17MPa  
**28 days** / 35MPa



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