



## PRODUCT DATA SHEET

# Extra Strength PRO-50 Concrete Mix

Cement Australia Extra Strength PRO-50 Concrete Mix is a blend of General Purpose cement, aggregate and sand, designed for use in projects where a higher quality concrete is required.

## Features & Benefits

- Performance is assured with consistent quality cement, sand and aggregate used in the blend.
- Good for small jobs, convenient & easy to use.
- Helps when job site accessibility is an issue.

## Directions for Use

1. Prepare the area to be concreted by digging out to the required depth for the slab or garden edge. The base of the area to be concreted should be levelled with gravel or bedding sand.
2. Construct formwork as required.
3. Using a concrete mixer, add up to 80% of the total clean water required to the mixing vessel and slowly add the contents of the Extra Strength PRO-50 Concrete Mix bag(s). Or if using a wheelbarrow, place Extra Strength PRO-50 Concrete Mix Bag(s) in the barrow, create a hollow and add up to 80% of the total clean water and mix well.
4. Add additional water to achieve a workable mix, remembering too much water reduces the overall strength of the concrete.
5. Prior to placement, lightly soak the base of the area to be concreted to minimise moisture loss.
6. Place the concrete inside the formwork and ensure all corners and edges are filled.
7. Use a straight edge to screed off the concrete to the required level.
8. The top surface can be finished off with a wooden hand float.
9. To cure the concrete, keep it moist for several days by covering with damp hessian, plastic sheeting, an old tarp or similar material.  
**Note:** *Curing will control moisture loss and therefore assist in achieving the best possible strength.*  
*Care should be taken in using hessian or old tarps so as not to mark the freshly poured concrete surface.*
10. It is possible to remove the formwork 24 hours after finishing the concrete.
11. Don't walk on the path, slab or edges for at least 24 hours after placing.

## Applications

Extra Strength PRO-50 Concrete Mix is a multi-purpose product that has a number of applications. Some of the more common uses are:

- Making pathways;
- Securing posts in the ground;
- Small concrete slabs for gardening sheds;
- Footings on small projects;
- Garden edging;
- Installing uprights for pergolas & decks.

## Availability

Product available in 20kg bags

## Coverage

110 x 20kg bags are required per cubic metre.

For more information call 1300 CEMENT (1300 236 368)  
or visit [www.cementaustralia.com.au](http://www.cementaustralia.com.au)

*Mix it with the best.*

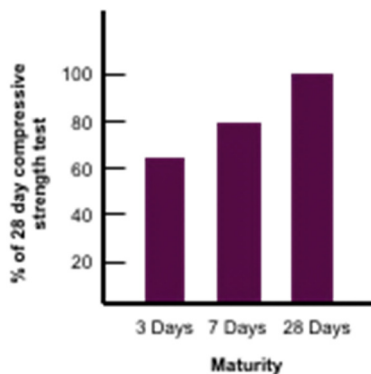


## Limitations

- If considering using Extra Strength PRO-50 Concrete Mix with aluminium posts or poles, Cement Australia recommends you confirm the suitability of this with the aluminium manufacturer/supplier prior to use.
- Set times are affected by (extreme) temperatures. Avoid mixing and placing concrete at below 5°C or above 35°C.
- Too much water ruins good concrete.

## Specification

EXTRA STRENGTH PRO-50  
CONCRETE MIX COMPRESSIVE  
STRENGTH GROWTH



**Note:** This Extra Strength PRO-50 Concrete Mix compressive strength data was achieved under controlled laboratory conditions, at 23 degrees Centigrade. They should be used only as a guide to potential strength as various factors can impact final strength results.

### PRODUCT DISCLAIMER

Recommendations regarding the use of this product are to be taken as a guide only. If in doubt contact Cement Australia Pty Limited ("Cement Australia") or seek professional advice. To the extent permitted by law, Cement Australia excludes all implied warranties, conditions and guarantees imposed by legislation. Cement Australia excludes all liability for loss, damage or injury arising from use of the product (i) otherwise than in accordance with the recommendations or (ii) for purposes other than those for which it is ordinarily acquired. For all other loss, damage or injury arising from the use of this product, to the extent permitted by law Cement Australia's liability is limited, at its discretion, to refunding the cost of the product or resupplying the product or equivalent product.

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## Storage, Handling & Safety

- Care should be taken when lifting bagged products as personal injury may occur. It is suggested that when handling bagged materials, the load is shared with another person.
- Extra Strength PRO-50 Concrete Mix contains cement powder which when damp, becomes alkaline and may be harmful to the skin. Avoid breathing the dust and avoid contact with skin and eyes. Suitable protective clothing should be worn at all times including eye protection and gloves.
- Extra Strength PRO-50 Concrete Mix should be stored and protected in a dry place off the ground.
- The recommended shelf life of cement products is approximately 6 months from date of manufacture. This is provided the product is stored as recommended above. Once opened, the bag should be used that day.

## Further Hints & Tips

- Excess water will impact the ultimate strength performance.
- Air temperature will impact concrete setting behaviour and the timing of some of the steps outlined.

## Things You Might Need

- Trowel
- Steel brush
- Wet cloth
- Bucket
- Steel float
- Shovel
- Hose
- Spirit Level
- Access to clean water
- Plastic sheeting
- Wheelbarrow

**NOTE:** The Extra Strength PRO-50 Concrete Mix Safety Data Sheet (SDS) is available at [www.cementaustralia.com.au](http://www.cementaustralia.com.au)