



PRODUCT DATA SHEET

Rapid Set Concrete

Cement Australia Rapid Set Concrete is manufactured using cement, sand and selected aggregates and additives and is formulated to harden rapidly without mixing. Part of the 'Just Add Water' range, Rapid Set Concrete product is suitable for fixing fence and pergola posts, clothes lines and letterboxes.

Features & Benefits

- Rapid Set Concrete will harden in 15 minutes when used as directed, within desired temperature range
- It requires no mixing on site and is ready to use with the addition of clean water
- Reduces required job time
- Good for small jobs
- Convenient & easy to use
- Helps when job site accessibility is an issue
- Eliminates use of wheel barrows & mixing tools

Directions for Use

1. Pre-soak the hole with clean water to limit the absorption of the water.
 2. Sandy and/or fast draining soils may require a plastic lining to prevent seepage of the water into the ground.
 3. Place the post or pole in the hole and provide support so that it does not fall over.
 4. Accurately measure out 2.5 litres of water and pour into the hole.
 5. Pour in half the bag of Rapid Set Concrete making sure it is evenly distributed around the post or pole without delay.
 6. Tamp the product using a rod or stick then add the remaining half bag of product and tamp again.
 7. Only if needed add additional water to achieve a workable mix.
- Too much water ruins good concrete.**
8. Immediately repeat the process with 2.5 litres more water and another bag of product for larger holes.
 9. Supports may be removed after 1 hour, depending on the ambient temperature. It is advisable to test the stability of the post before removing the supports.

Applications

Rapid Set Concrete is designed for use in fixing fence and pergola posts and is ideal for permanently securing clothes lines and letter boxes and numerous other uses around the home and garden, as well as various similar commercial applications.

Availability

Product available in 20kg bags.

For more information call **1300 CEMENT** (1300 236 368)
or visit www.cementaustralia.com.au

Mix it with the best.



Limitations

- Rapid Set Concrete is not designed for use in any structural application.
- Extreme temperatures will impact set time of Rapid Set Concrete. Not recommended for use below 10 degrees Centigrade.
- Do not add additional cement, sand, other aggregates or admixtures to the mix.
- The use of concrete mixers or tools to mix the material should be avoided as this product hardens quickly.
- Rapid Set Concrete is not recommended for use with Aluminium posts or poles unless these are primed or sealed according to the post manufacturers' recommendation.
- When Rapid Set Concrete is used in playground applications, it is only recommended for use below ground level and when covered with a 'soft fall' material.

Recommended Water Addition Ratio

One 20kg bag of Rapid Set Concrete requires approximately 2.5 litres of clean drinking water to provide a workable mix.

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.
- Rapid Set Concrete 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.
- Rapid Set Concrete 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

- For higher compressive strength results, Cement Australia recommends using Cement Australia Concrete Mix.
- Excess water will reduce the ultimate strength performance of this product.

Things You Might Need

- Long handled Shovel
- Stopwatch
- Access to clean water
- Steel Rod
- Spirit Level

NOTE: The Rapid Set Concrete Safety Data Sheet (SDS) is available at www.cementaustralia.com.au

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