



# RAPID SET

## PRODUCT DESCRIPTION

Rapid Set is a carefully proportioned mix of blended cement, sands and stone designed to set very rapidly without any mixing.

This product is commonly adopted for use in the erection of clotheslines, letterboxes and fence post footings and anywhere that high strength concrete is not required.

## SUPPLY

Rapid Set is available from most retail hardware and building supply outlets.

Rapid Set is pre-packed into easy to handle 20 kg and 30 kg multi-walled paper bags.

## SPECIFICATION

Rapid Set is proportioned to achieve a setting time of 15 minutes and to harden to a minimum of 10 MPa at 28 days, when mixed, cured and tested under laboratory conditions.

All products are manufactured under a third-party certified manufacturing and supply quality assurance system to ISO 9001 (BSI Certification No FS 604665).

## APPLICATIONS

Rapid Set is ideal for:

- Hole filling for fence and pergola posts.
- Securing of clotheslines, letterboxes, basketball rings, street signage, playground equipment, garden trellis, and numerous other non-structural uses around the home.

## Benefits

- Fast setting.
- Early strength growth.
- Does not require concrete mixers or mixing boards.
- Ready to use with the addition of potable water.

## Limitations

- Do not use in house footings, floors or driveways.
- Do not mix with other binding agents or admixtures.
- Do not mix Rapid Set with water in a concrete mixer or with a shovel.
- Rapid Set is not recommended for use with aluminium posts or poles as corrosion can occur. It is recommended that you confirm the suitability of this product with the aluminium manufacturer or supplier prior to use.

## DIRECTIONS FOR USE

1. Pre-wet the hole into which the post will be placed so as to prevent absorption of the water required for the Rapid Set.
2. With fast draining sandy soils, a plastic liner may be necessary.
3. Correctly position and firmly support the post in the hole.
4. Measure out the correct amount of water (see table) and pour the water into the hole.
5. Open the bag so that it can empty rapidly.
6. Without any delay pour the Rapid Set into the hole ensuring an even distribution around the post.
7. DO NOT MIX - Rapid Set will set in 15 to 20 minutes.
8. Leave the post undisturbed for at least 45 minutes before removing any supports.
9. Where more than one bag is needed for a hole, repeat instructions 4 to 8 and place the next bag within five minutes of the previous bag.

## TABLE OF WATER ADDITION

Recommended quantities	Max. Water	Rapid Set
	2.4 litres	20 kg
	3.6 litres	30 kg

## TYPICAL PROPERTIES

<b>Compacted Density (cast)</b>	2,250 - 2,350 kg/m <sup>3</sup>
<b>Powder Density</b>	1,500 - 1,700 kg/m <sup>3</sup>
<b>Compressive strengths when tested in accordance with AS 1012.8.1</b>	
	3 day > 5 MPa
	7 day > 7 MPa
	28 day > 10 MPa

## HANDLING AND STORAGE

Manual handling of bag products without due care and attention may result in personal injury. Unless you have been trained in manual handling methods it is suggested that you share the load with another person.

Rapid Set can be kept for up to six months provided it is stored in a place, off the ground, protected from ingress of moisture. Ingress of moisture can occur due to rain, liquid spillage (on or around the product) or a high humidity climate. Such exposure will degrade the performance of the product.

## SAFETY INFORMATION

For safety information refer to the Safety Data Sheet for Rapid Set.



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## CONTACT POINTS

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