



Australian Builders Quick Set Concrete



Australian Builders Quick Set Concrete is a well-proportioned mix of cement, 7-10 mm aggregates, sand and setting additives. This dry concrete mix is designed to achieve very rapid setting.

APPLICATIONS

Australian Builders quick set concrete mix is ideal for the following applications

- Post fixing for fence and pergolas
- Landscaping projects
- Securing of clothes hoist
- Small concrete repairs
- Installation of letter box
- Other non-structural concrete jobs around home

PROPERTIES OF AUSTRALIAN BUILDERS QUICK SET CONCRETE

The below shows the typical properties of Australian Builders quick set concrete mix. All the testing is conducted in accordance with the relevant Australian Standards test methods, at a NATA registered laboratory.

Compacted Density (cast) kg/m³	2100-2300
Approximate Compressive Strength of concrete (MPa) AS 1012.9	
7 day (MPa)	>12
28 day (MPa)	>25

LIMITATIONS

- Australian Builders quick set concrete has very short setting time (15mins), This cannot be used when additional working time is necessary. Not recommended where a smooth troweled finish is required.
- Don't use a mixer or wheel barrow for concrete mixing (it can be difficult to clean).
- Don't use concrete mix with other binding agents or admixtures.
- It is not recommended for use with aluminium components.
- It is not recommended to use quick set concrete in hot weather (>32°C).

DIRECTIONS TO USE

The following procedures can be followed to use the concrete mix for securing a letter box

1. Pre-wet the hole to avoid any water absorption of dry ground during mixing process.
2. Open dry concrete mix so it can be emptied rapidly.
3. Measure enough water for the concrete job. As a guide, use around 2.5 litre of water for 20kg concrete bag.
4. Pour the water into the hole.
5. Place the letter box pole in correct position.
6. Without any delay add quick set concrete into the water (Distribute evenly around the post).
7. Use quick tamping to distribute water throughout the dry concrete.
8. Leave the post undisturbed for at least 1 hour before removing any supports.
9. When more than one bag is necessary for a hole, repeat the instructions 3 to 7 and place the next bag within five minutes of the previous bag.
10. Don't add extra water as it reduces the performance of concrete.

CURING

Fresh concrete should be protected from rapid moisture loss. Concrete can be kept moist all the time by covering with plastic sheets and Hessian. First week of curing is very critical for achieving the maximum performance of the end-product. Curing should start as soon as the concrete has been finished.

YIELD

Approximately 100 bags of 20 kg concrete are enough to produce 1m³ of concrete

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.

Australian Builders quick set concrete mix can be stored up to six months provided it is stored in a place dry place which is protected from ingress of moisture.

SAFETY INFORMATION

For safety information refer to the safety data sheet (SDS) for Australian builders Quick set concrete mix. SDS is available in www.bpsaust.com

AVAILABILITY

Australian Builders quick set concrete mix is available in 20kg bags.

