



Australian Builders Concrete



Australian Builders Concrete is a premium well-proportioned mix of cement, 7-10 mm aggregates and sand. This dry concrete mix can be used for any kind of non-structural concrete applications when special a requirement is not specified for concrete.

APPLICATIONS

Australian Builders concrete mix is ideal for the following applications

Concrete Paths or driveways	Garden borders	Post fixing for fence and pergolas
Decking Post	Light foundation	Stepping stones

PROPERTIES OF AUSTRALIAN BUILDERS CONCRETE

The table below shows the typical properties of Australian Builders concrete mix. All the testings are conducted in accordance with the relevant Australian Standards test methods, at a NATA registered laboratory.

APPROXIMATE MIX COMPOSITION (PARTS BY VOLUME)

Cement	1
Sand	2
7-10 mm aggregates	2
Compacted density (Cast) (kg/m ³)	2100-2300
Compressive Strength of concrete (MPa) AS 1012.9	
7 day (MPa)	>12
28 day (MPa)	>25

DIRECTION TO USE

- Empty contents into a wheel barrow or onto a smooth, strong surface.
- Add water gradually into dry mix until a consistent and workable mix is formed.
- As a guide, use approximately 2.4 litres of clean water for 20 kg dry mix.
- Try to use a minimum amount of water to get maximum performance in concrete (additional water creates several problems in concrete including strength reduction, increase porosity and durability problems)
- Use concrete immediately after mixing.
- Avoid overworking on wet concrete surface. Try to do smooth finish after initial setting is achieved in concrete (approximately within 2 hours)

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 is 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 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 concrete mix. SDS is available in www.bpsaust.com

AVAILABILITY

Australian Builders dry concrete mix is available in 20kg bags