



CONCRETE

PRODUCT DESCRIPTION

Concrete is a well-proportioned mix of blended cement, 10 mm crushed stone and sand. This 25 MPa concrete mix is suitable for all non-structural applications such as garden paths, stepping stones, patios, light foundations and post hole filling.

It only requires the addition of water followed by mixing prior to use.

SUPPLY

Concrete is available from most retail hardware and building supply outlets.

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

SPECIFICATION

Concrete is proportioned to exceed the specified minimum compressive strength of 12MPa at seven days when mixed, cured and tested in accordance with the requirements of AS 3648.

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

APPLICATIONS

Concrete is ideal for

- Paths, mowing strips, borders and stepping stones.
- Light foundations, footings, slabs and lintels.
- Hole filling for fence posts and pergolas.

Limitations

- Do not use in high strength or structural grade concrete applications.
- Do not use where high durability concrete is required.
- Do not mix with other binding agents or admixtures.

DIRECTIONS FOR USE

1. Empty the bag into the wheelbarrow or onto a hard non-absorbent surface.
2. As a guide consult the table for suggested water addition.
3. Add water gradually and mix thoroughly, being careful not to allow cement to wash away. Add only sufficient water to make a workable and placable mix. The less water the stronger the concrete.
4. Place the mixed concrete into well-supported forms within 45 minutes of mixing.
5. Compact or tamp the concrete with a rod, working into all parts of the form.
6. Finish the surface with a steel trowel for a smooth finish or a wooden float for a coarse finish.
7. Cure the concrete by keeping it moist for seven days.

SUGGESTED WATER ADDITION AND YIELD

Bag Size	Maximum Water	Yield/Bag	No of bags/m ² at 100 mm thick
20 kg	2.3 litre	9.5 litre	11 bags
30 kg	3.5 litre	14.3 litre	7 bags

TYPICAL PROPERTIES

Approximate Mix Composition (parts by volume)	
Cement Binder	: 1 parts
Sand	: 3 parts
10 mm Aggregate	: 2 parts
Compacted Density (cast)	2,200 - 2,300 kg/m³
Slump (AS1012.3.1)	100 mm
Compressive Strength (AS1012.9)	
7 Day	>12 MPa
28 Day	>25 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.

Concrete can be stored for up to six months provided it is stored in a place, off of the ground and 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 Concrete.

CONTACT POINTS

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