

PRODUCT DESCRIPTION

Adelaide Brighton Cement produces Concrete, a well-proportioned mix of blended cement, 10 mm crushed aggregate, and sand.

Concrete is suitable for all non-structural applications such as garden paths, stepping stones, patios, light foundations, and post holes.

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

SUPPLY

Concrete is available from most retail hardware and building supply outlets. It is pre-packed into easy to handle 20 kg and 30 kg multi-walled paper bags.

SPECIFICATION

Concrete is designed to achieve a nominal 25 MPa at 28 days when mixed and placed in accordance with the recommended instructions.

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.

SUGGESTED WATER ADDITION AND YIELD

Bag size	Maximum water	Yield per 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	: 1
Sand	: 3
10 mm	: 2
Compacted density (cast)	2,200 - 2,300 kg/m ³
Slump (AS 1012.3.1)	100 mm
Compressive strength (AS 1012.9)	
7 day	>15 MPa
28 day	>25 MPa

DIRECTIONS FOR USE

1. Empty the bag into a mixer, 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 placeable 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, then screed level.
6. Wait for surface bleed water to evaporate and concrete to harden to the touch.
7. Work the concrete with a steel trowel to achieve a smooth surface or wooden float for a coarse finish.
8. Cure the concrete for a minimum 7 days.

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 protection against ingress of moisture is observed throughout the storage of the product. To achieve optimum results, ideally use within 3 months of purchase.

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.

Do not use if the product has become hard or lumpy.

SAFETY INFORMATION

For safety information refer to the safety datasheet for Concrete.



CONTACT POINTS

For further information contact the Sales and Marketing department at:

Adelaide Brighton Cement Ltd
ABN 96 007 870 199
62 Elder Road
BIRKENHEAD SA 5015

Telephone: 08 8300 0300

Website: www.adelaidebrighton.com.au

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