

Quick Set Sand & Cement

PRODUCT DATA SHEET

BORAL

Boral Cements Blue Circle® Quick Set Sand & Cement is a proportioned mix of graded sand, cement binders and additives designed for instant repair applications. The additives accelerate the setting time. It sets in approximately 15 minutes and is trafficable in one hour under normal conditions.

FEATURES AND BENEFITS

- Easy to use. Just add clean water.
- Suitable for all applications where time is of the essence.
- Can be used anywhere normal **Sand & Cement** mix is used.
- One hour compressive strength is equivalent to that at 1 day for normal **Sand & Cement** mix.
- Able to add up to 15kg of clean aggregate to the product to form a quicksetting concrete mix without adversely affecting the setting time.

TYPICAL APPLICATIONS

- Paving edge restraining
- Setting toilet pans
- Setting ceramic tiles
- General concrete and mortar repairs where a fast setting mortar is needed.

PREPARATION

Before applying to any surface, remove any loose or flaky material and moisten with clean water.

HOT & COLD CONDITIONS

The setting time is dependent on the ambient and mixing water temperature. In extreme conditions adjust water temp. to suit. For hot weather – use colder water, and for colder conditions use warmer water.

MIXING

Empty portion required into a wheel barrow or other non porous surface (plastic bucket is good). Add water gradually and promptly mix thoroughly to achieve a workable mix. Do not mix more than can be placed in 5 minutes.

Do not over water. The less water the stronger the mortar.

Use **Quick Set Sand & Cement** at once. DO NOT allow to stand.

IMPROVED BONDING

For improved bonding of mortar mixes Boral Cement recommends the addition of a suitable bonding agent such as our own **Blue Circle® Cemstick**. This will help ensure a good bond to existing concrete and other surfaces and generally enhance the properties of the mix for any application.

APPLICATION

Apply the mixed **Quick Set Sand & Cement** with a suitable trowel depending on the application.

Finish material immediately after placement, with either a clean sponge, wooden float or steel trowel.

Clean all tools and equipment promptly with water.

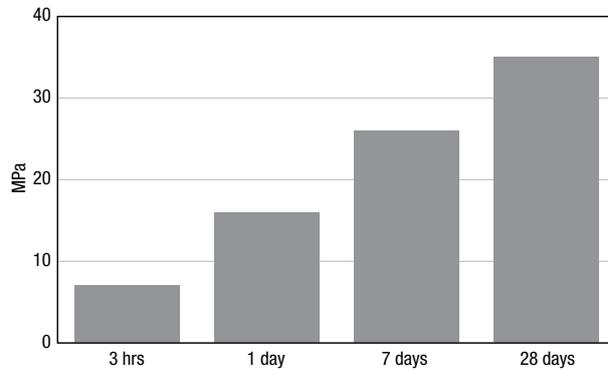


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TYPICAL PRODUCT PERFORMANCE

Compressive Strength (MPa):



CURING

Moist cure using light water spraying for seven days to achieve maximum strength.

YIELD

One 20kg bag will cover an area of 1.1m squared to depth of approximately 10mm.

AVAILABILITY

Quick Set Sand & Cement comes in 20kg multi-walled paper sacks.

CLEANUP & STORAGE

Clean all tools and equipment with water promptly after use. Contact with air and moisture will cause hydration of cementitious products. Store in a cool dry place and seal any unused material. It is recommended to dispose of any cement based products over 12 months old.

SAFE HANDLING

This product contains cement chemicals and trace amounts of Hexavalent Chromium. Avoid generating dust. Use personal protection equipment against exposure and alkali burns. Wash product off unprotected skin immediately with water. The use of goggles, dust masks, barrier creams and rubber gloves is recommended.

Manual handling of bagged products without proper training may result in personal injury. Wherever possible you should use mechanical aids or share the load with another person.

For further safety information consult the **Material Safety Data Sheet** for the product.

The information in this Data Sheet and any advice given should be viewed as a guide only. Boral makes no guarantee of the accuracy or completeness of the information and recommends you conduct your own testing to determine suitability for your specific purpose.

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Boral Cement

ABN: 62 008 528 523

NSW and ACT

Trinity 2, 39 Delhi Road
North Ryde
NSW 2113
PO BOX 6041, North Ryde
NSW 2113
Telephone: (02) 9033 4000

Victoria and Tasmania

Telephone: 1800 673 570

Product Support

Telephone: 1800 721 258

