

TECHNICAL DATA SHEET EASY MIX SUPER STRENGTH CONCRETE



DESCRIPTION

Easy Mix Super Strength Concrete is a premixed, bagged product containing accurately weighed Portland cement, specially graded coarse and fine aggregates, and quality admixtures.

Due to its strength qualities, Easy Mix Super Strength Concrete is ideal for the following applications:

- Commercial slabs
- Reinforced foundations
- Residential driveways

PRODUCT PACKAGING

Easy Mix Super Strength Concrete is available in 20kg bags.

PRODUCT COVERAGE

- 1 x 20kg Bag = 0.01m³ (approx)
- 108 x 20kg Bags = 1.0m³ (approx)

APPLICATION INSTRUCTIONS

- 1 Make sure your project is properly laid out with all the necessary tools at hand.
- 2 Pour the required volume of Easy Mix Super Strength Concrete into a wheelbarrow or onto a clean surface. Use contents as soon as possible after opening the package.
- 3 Calculate the amount of water you will need. As an approximate guide, use 1.9 litres of water per 20kg bag.
- 4 Add water gradually and mix thoroughly to a stiff consistency. Do not add water after Easy Mix Super Strength Concrete has been mixed, as this will reduce the strength of the product.

Note: Excess water can ruin Easy Mix Super Strength Concrete - use caution when adding water to your mix.

PLACING CONCRETE

- 1 Using a straight-edge board across the top of the formwork, 'screed' the concrete to the desired level. Work the screedboard across the slab from one end to the other in a sawing motion to bring the slab to its finished level.
- 2 Fill any holes and screed again.
- 3 Remove excess concrete if necessary and leave the slab to set for one hour (depending on weather conditions), before finishing.

FINISHING CONCRETE

Leave the installed concrete to stand for approximately one hour before trowelling to the desired finish.

For a non-slip finish (or if tiling over top), use a wooden float in a circular motion across the slab. For a smooth finish, a steel float should be used. Edges should be finished with an edging tool for best results.

CURING CONCRETE

Cure the concrete by keeping it moist for seven days.

CLEAN UP

Clean all surrounding areas and surfaces immediately with water, ensuring no waste or contaminated water ends up in drains or waterways.

TECHNICAL PERFORMANCE

AS3648-1993 Specification and Methods of Test for Packaged Concrete Mixes:

Criteria	Avg. Results
Water added per 20kg bag	1.9 litres
Consistency (Slump)	180mm
Plastic Density	2350kg/m ³
Volume Yield m ³	9 litres (approx)

Compressive Strength (AS1012.2 : 1994)

1 day	> 15MPa
7 days	> 40MPa
28 days	> 55MPa

COMPRESSIVE STRENGTH

The compressive strength results quoted are achieved by crushing 100mm diameter x 200mm high concrete cylinders of this product that have been homogeneously mixed and then cured in controlled laboratory conditions for 28 days.

Please note that the final compressive strength of concrete may be affected by various factors. Unfavourable weather and ground conditions resulting in rapid loss of moisture during early curing or incorrect water to concrete mix ratios may impact on final strength.

When maximum strength achieved is absolutely imperative, agitator is recommended.

PRODUCT STORAGE

Easy Mix Super Strength Concrete will keep for up to six months if kept in a dry store, off the ground and providing the bags remain sealed.

High temperature and high humidity conditions may reduce the storage life of the product.

PRECAUTIONS FOR USE

Easy Mix Super Strength Concrete contains cement powders which can be harmful to the skin.

During use, avoid inhalation of dust and contact with the skin and eyes. Wear suitable clothing, gloves, eye protection and respiratory protective equipment.

If contact with the skin occurs, thoroughly clean the area with plenty of fresh water and soap. In case of contact with the eyes, rinse with plenty of fresh water and seek medical advice.

If swallowed, seek medical attention immediately. Do not induce vomiting.

For further information consult the Material Safety Data Sheet and read the product label carefully before use.

Material Safety Data Sheets are available at www.easymixsales.com.au or by phoning 1800 077 744.

PLEASE NOTE

The information given in this data sheet is based on our current knowledge of the product when properly stored, handled and applied. We cannot guarantee that the product will be suitable, effective or safe when used for any purpose other than its stated uses.

To the extent that it is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexpert or negligent application, or ordinary wear and tear.

Service or advice given by our staff should not amount to responsibility for the project - since the owner, or their contractor (and not River Sands), is responsible for procedures relating to the application of the product.



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