

TECHNICAL DATA SHEET EASY MIX CONCRETE



PRODUCT DESCRIPTION

Easy Mix Concrete is a pre-blended mix of dry aggregate, graded sands and cement.

It is ideal for applications that require a smooth, quality finish such as small slabs, paths, footings and garden edges.

Easy Mix Concrete can also be used for securing letterboxes, fence posts, light posts and clothes lines.

PRODUCT PACKAGING

Easy Mix Concrete is available in 10kg, 20kg and 30kg bags.

COVERAGE RATES

1x 10kg Bag = 0.005m³
200x 10kg Bags = 1.0m³

1x 20kg Bag = 0.01m³
100x 20kg Bags = 1.0m³

1x 30kg Bag = 0.0151m³
67x 30kg Bags = 1.0m³

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 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 1.0 - 1.2 litres of clean water per 10kg bag, 2.0 - 2.3 litres of water per 20kg bag and 3.0 - 3.5 litres per 30kg bag.
4. Add water gradually and mix thoroughly to a stiff consistency. Do not add water after Easy Mix Concrete has been mixed, as this will reduce the strength of the product.

Note: Excess water can ruin Easy Mix 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.

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TECHNICAL PERFORMANCE

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

CRITERIA	AS3648 LIMITS	AVG. RESULTS
Water added per 30kg bag	Manufacturers instructions	3.0 - 3.5 litres
Consistency (Slump)	90mm – 110mm	100mm
Plastic Density	Not less than 2100kg / m ³	2100kg / m ³
Volume Yield	Min. 95% of specified	0.0151m ³ per 30kg bag
Retained (on a 19mm sieve)	Not more than 5%	0 - 5%
Retained (on a 4.75mm sieve)	25 - 55%	30 - 50%

COMPRESSIVE STRENGTH (AS1012.2 : 1994)

3 days	7.5MPa
7 days	15MPa
28 days	25MPa

PRODUCT STORAGE

Easy Mix 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.

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, inexperienced 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.

PRECAUTIONS FOR USE

Easy Mix 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 by phoning 1800 077 744.



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