

## TECHNICAL DATA SHEET EASY MIX POST MIX CONCRETE



### PRODUCT DESCRIPTION

Easy Mix Post Mix Concrete is a premixed product containing accurately weighed Portland cement, specially graded aggregates and quality admixtures.

It is specifically designed for simple, non-structural concrete work where the surface finish is not important.

It is recommended for fence posts, clothes lines, garden lights, letterbox posts and swings.

Note: Easy Mix Post Mix Concrete is not suitable for slabs or jobs that require a smooth surface finish.

### PRODUCT PACKAGING

Post Mix Concrete is available in 20kg and 30kg bags.

### COVERAGE RATES

Each 20kg bag produces approximately 10 litres of Concrete.

1x	20kg Bag	=	0.01m <sup>3</sup>
100x	20kg Bags	=	1.0m <sup>3</sup>
1x	30kg Bag	=	0.0151m <sup>3</sup>
67x	30kg Bags	=	1.0m <sup>3</sup>

Note: Use approximately two 20kg bags of Easy Mix Post Mix Concrete per post hole.

### SETTING A POST (RULE OF THUMB)

**Width = 2x width or diameter of the post**  
(100mm x 100mm post requires a 200mm x 200mm hole)

**Depth = 1/3 of the length of the post**  
(2m post length requires hole depth of 600mm.)

Note: Some structures may need formal approval - see local council for details.

### APPLICATION INSTRUCTIONS

#### Dry Method:

1. Set out and dig post holes using the "Rule of Thumb" as outlined in the previous column.

Dampen the hole with 0.5 - 1 litre of water, then place the post and brace it into position.

2. Pour half the bag of Easy Mix Post Mix Concrete into the hole and tamp in tight around the post.

3. Repeat for each post, aligning with a string line and carefully checking height levels.

4. Pour in the remainder of the Post Mix Concrete bag when all posts have been set to the correct spacing, angle and height.

5. Pour the required volume of water (2 litres per 20kg bag) onto the Post Mix Concrete product around each post. Combined with the existing moisture, this will be enough to set the mix.

#### Wet Method:

1. Set out and dig posts using the 'Rule of Thumb' as outlined in previous column.

2. Brace posts so that they remain in the desired position, aligning with a string line and carefully checking height levels.

3. On a mixing board or in a wheelbarrow, slowly add the required volume of water (2 litres per 20kg bag) directly into the Post Mix Concrete product.

Note: The drier the mix the better.

4. Pour the mix into the hole and tamp in tight around the post, finishing at the desired height.

5. Repeat for each post and clean up.

### 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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## CURING CONCRETE

Although Post Mix Concrete sets hard within a few hours, it should be kept moist and not subject to any stress for at least 7 days.

**Note: Easy Mix Post Mix Concrete will take up to 28 days to fully 'cure'.**

## TECHNICAL PERFORMANCE

CRITERIA	AVERAGE RESULT
Water Added per 20kg	1.5 Litres
Consistency (slump)	80mm
Plastic Density	2200kg / m <sup>3</sup>
Volume Yield m <sup>3</sup>	0.01m <sup>3</sup> per 20kg bag

COMPRESSIVE STRENGTH (AS1012.2 : 1994)	
7 days	8 - 10MPa
28 days	12 - 18MPa

## PRODUCT STORAGE

Easy Mix Post 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 Post 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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