

## Description and Uses

ACS *Mortar* is a pre-blended, conveniently packaged, superior quality mortar mix specifically designed for the professional tradesperson.

Providing excellent workability characteristics, ACS *Mortar* is suitable for all brickwork, blockwork and stone laying needs.

ACS *Mortar* is typically used for brick or block walls, paving, retaining walls, garden beds, and fixing toilet pans and associated pipings.

## Packaging

ACS *Mortar* is available in a 20kg bag.

## Coverage and Yield

Each 20kg bag produces approximately 11 litres of workable mortar.

### Bricks

1 x 20kg bag lays up to 26 clay Bricks (52 clay Bricks = 1m<sup>2</sup>)

### Blocks

1 x 20kg bag lays up to 15 standard Blocks. (12.5 standard Blocks = 1 m<sup>2</sup>)

## Mixing

1. Make sure your project is properly laid out with all the necessary tools at hand.
2. Pour the required amount of ACS *Mortar* into a wheel barrow or a clean bucket. Ensure you use contents as soon as possible after opening the package.
4. Calculate the amount of water you will need. One 20kg bag requires approximately 3.2 litres of clean water.

5. Add water gradually and mix thoroughly to a stiff consistency (ie:- Until the mix just slips off the trowel when lightly flicked.) **Note:-** Excess water can ruin good mortar. Should too much water be added, leave the mixture aside until it thickens to a workable consistency.
6. You are now ready to trowel your mortar onto your bricks and blocks.

## 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

Criteria	Average Results
Water added per 20kg bag	3.2 Litres
Plastic Density	2000 kgs/m <sup>3</sup>
Volume Yield, m <sup>3</sup>	Approx. 0.01 m <sup>3</sup> per 20kg bag
Compressive Strength – tested as per AS1012.2 : 1994	
7 days	5 – 8 MPa
28 days	10 – 15 MPa

## Storage

ACS *Mortar* will keep for up to 12 months if kept in a dry store, up off the ground, and providing the bags remain sealed. High temperature and high humidity conditions may reduce the storage life of the product.

## Precautions

ACS *Mortar* 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**.

**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.*



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