

# Quick Set Mortar

## Description and Uses

ACS *Quick Set Mortar* consists of cement, specially graded fine sands and selected admixtures, combined in carefully controlled proportions to produce a fast setting mortar which **sets in 20 to 30mins (@ 25°C)**.

ACS *Quick Set Mortar* is ideal for the quick installation of brick and masonry walls, minor repairs to concrete in domestic areas as well as plumbing and electrical installations.

## Packaging

ACS *Quick Set Mortar* is available in 20kg bags.

## 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>).

## Application

Machine Mixing: - Place the dry ACS *Quick Set Mortar* into mixer. Add water at the rate of 2-3 litres per 20kg bag and mix for 3-5 minutes.

Hand Mixing: - Place dry ACS *Quick Set Mortar* into a wheel barrow and add water at the rate of 3-4 litres per 20kg bag. Mix the mortar using a shovel or trowel until a uniform consistency is achieved.

**Note:-** Use ACS *Quick Set Mortar* within 15 minutes of mixing (at temperatures under 25°C). If the temperature exceeds 25°C use the mixture within 10 minutes of mixing.

## 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	2.0 – 3.0 Litres
Initial Setting Time @25C	15 – 20 mins
Final Setting Time @ 25C	20 – 30 mins
Volume Yield, m <sup>3</sup>	0.011 per 20kg bag
<b>Compressive Strength – tested as per AS1012.2 : 1994</b>	
7 days	8 – 10 MPa
28 days	15 – 20 MPa

## Storage

ACS *Quick Set Mortar* will keep for up to 12 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

ACS *Quick Set 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, 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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