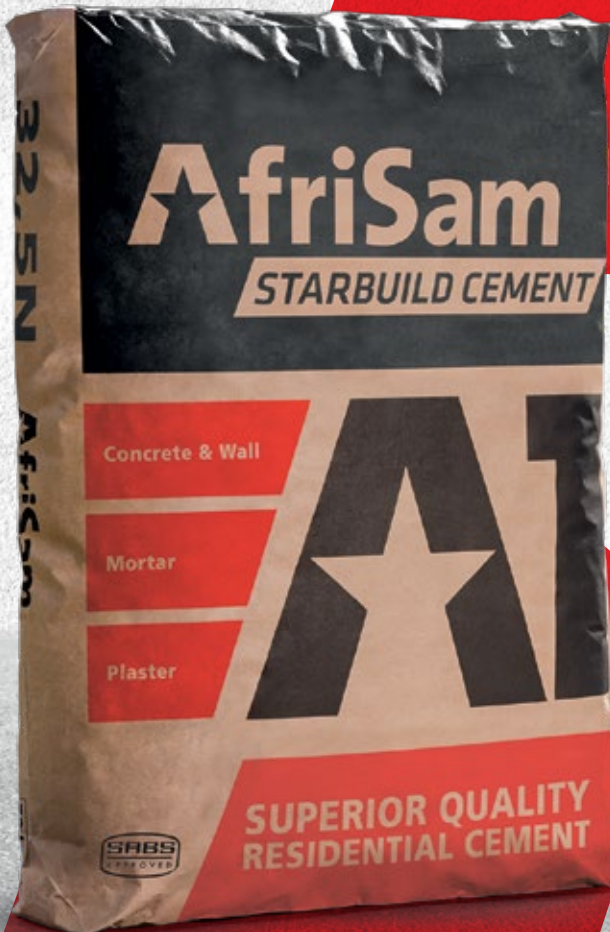


STARBUILD CEMENT

ASK FOR AFRISAM



CONCRETE, MORTAR AND PLASTER APPLICATIONS.

Suggested Mix Proportions



High Strength Concrete

High strength and watertight concrete driveways and carports. 30MPa

2

2

2



Medium Strength Concrete

Concrete floors, patios, footpaths, etc. 25MPa

2

2½

2½



Low Strength Concrete

Concrete foundations and footings. 15MPa

2

3½

3½



Mortar Mixes

2

6



Plaster Mixes

2

6

Mortar and Plaster

Mix your mortar and plaster following the instructions on the bag and recommendations below. Sand will determine the quality of the plaster. Sand that contains too much clay will cause the plaster to crack. Use good quality clean plastering sand with your STARBUILD General Purpose Cement.

Recommendations for Concrete Mixing and Use

- Mix cement with sand to form an even colour.
- Make a hole in the middle and pour in water slowly in small quantities and mix until a smooth paste is formed.
- Add stone and mix until a consistent mix is obtained.
- Mixture must be used within 2 hours, preferably within 1 hour.
- Concrete must be compacted after placement.
- Keep the concrete moist for 7 days after placement.
- Wet clay bricks but not cement-based bricks.

You are assured of the best quality SABS approved cement which is produced and bagged by AfriSam South Africa (Pty) Ltd.



GENERAL GUIDELINES FOR THE USE OF STARBUILD GENERAL PURPOSE CEMENT

Water Usage

Only use sufficient water to make the mixture workable. Excessive water use results in reduced strength.

Curing

After your concrete, mortar and plaster work has been completed, it is essential to protect it from the sun and wind by covering it with a plastic sheet, damp sand or hessian and to keep it moist for a minimum of 7 days.

Cold Weather - CAUTIONARY NOTE

All cements gain strength at a slower rate at low temperatures, and concrete, mortars and plasters must be protected from freezing.

Storage

Use the oldest cement first. Use within three months of purchase. Store your bags in a dry place protected from weather. Pack your bags on plastic with a plastic cover or tarpaulin.

Health & Safety

- Always wear suitable protective clothing, boots, gloves and safety glasses. If skin contact occurs, wash off with water immediately. Prolonged contact will cause skin irritation or chemical burning.
- Use safety goggles. In case of contact, rinse eyes thoroughly with clean water. If irritation continues seek medical advice.
- Use dust masks. Prolonged inhalation will cause breathing problems.
- **WARNING - HEAVY:** Don't strain your back with a heavy load. Rather use the appropriate equipment or get help. When lifting heavy materials, your back should be straight, legs bent and the weight between your legs as close to the body as possible. Do not twist at the waist while lifting or carrying these items.

Every effort has been made to ensure the accuracy of the information contained in this brochure and no liability is accepted for errors or omissions.