



JUST ADD WATER.
**WE'VE DONE
THE REST.**

AFRISAM PREMIX RANGE

CONCRETE | BUILDING | SCREED | PLASTER

Properties:

- The products are correctly formulated – just add water.
- They consist of proven quality aggregate material and cement blends.
- They are easy to use.
- They are environmentally responsible.

AfriSam's commitment to superior performance gives customers the peace of mind that comes with guaranteed technical excellence, top quality products, sustainability and continuous innovation.

AfriSam Concrete Mix



COMPLIES WITH SANS 2001
CC1:2007 (CONSTRUCTION
WORKS - STRUCTURAL
CONCRETE)

FIT-FOR-PURPOSE
MIX PROPORTIONS

MINIMUM 15MPa CONCRETE

SUITABLE FOR MINOR
STRUCTURAL APPLICATIONS

Applications

This product is suitable for small concrete repair jobs, footings and foundations, fence and washing line posts.

Preparation

- Empty contents of inner cement bag and mix thoroughly with the sand and stone.
- Mix in a wheelbarrow or on a pre-wetted surface using clean, drinkable water.
- Gradually add water and mix to an even, pasty consistency.
- For each bag, use a maximum of 5 litres. Do not overwater as this will result in a weaker concrete.
- Do not rework by mixing in additional water after concrete has started setting.

Placing/compaction

- Thoroughly wet the soil before placing.
- Work the concrete into corners and along the edges using a trowel or a spade.
- To ensure that a dense concrete is achieved, remove all entrapped air by compacting concrete using iron rods or spades.
- To avoid cold joints, ensure that the curing period between each batch does not exceed one hour.

Curing

After surface finishing, the concrete should be covered with plastic sheeting for at least 7 days to cure. Inadequate curing will result in a weaker concrete.

Producer	Cement Inner Bag kg	Aggregates Main Bag kg	Total kg	Yield (litres) Wet State	MPa 28 Day
A	3,76	33,84	37,60	19	5,3
B	4,40	40,34	44,74	21	10,3
C	4,30	34,64	38,94	20	2,7
D	3,57	42,80	46,37	22	6,2
AfriSam	5,00	35,00	40,00	20	24,6

AfriSam Building Mix



COMPLIES WITH SANS 2001
CM1:2012 (CONSTRUCTION
WORKS - MASONRY WALLING)

FOR USE WITH ALL BRICKS

PROVEN QUALITY

LOWEST CARBON FOOTPRINT

Applications

This product is suitable for making mortar for general brick and block laying.

Preparation

Bricks and blocks should be wet before you start the job. If too dry, the bricks are likely to absorb moisture from the mixture, weakening the structure.

Mixing

- Mix either in a wheelbarrow, on a plastic sheet or on a pre-wetted surface using clean, drinkable water.
- Empty the contents of the cement bag and mix thoroughly with sand and stone.
- Gradually add water and mix to an even, pasty consistency.
- For a bag, do not use more than 7 to 8 litres of water. Too much water will weaken the mixture.
- Do not rework by adding water when the mixture is semi-dry as this will weaken it.

Curing

Take proper care of your project by preventing moisture loss for 3 to 7 days. Cementitious products gain strength if kept damp after application. Gently spray with water and cover with a plastic sheet, hessian or damp sand.

Producer	Cement Inner Bag kg	Aggregates Main Bag kg	Total kg	Yield (litres) Wet State	MPa 28 Day
A	2,82	29,10	31,92	17	1,7
B	3,60	30,48	34,08	20	3,7
C	4,68	26,70	31,38	20	3,0
D	4,24	35,94	40,18	23	2,8
AfriSam	5,00	35,00	40,00	22	7,3

AfriSam Plaster Mix



COMPLIES WITH SANS 2001 EM1:2007 (CONSTRUCTION WORKS - CEMENT PLASTER)

REDUCED CRACKING

IMPROVED WORKABILITY

LOWEST CARBON FOOTPRINT

Applications

This product is suitable for mortar for general plaster or repairs.

Preparation

- For a perfect finish, prepare the surface prior to plastering by removing any plaster, dust or paper from the wall.
- The surface to be plastered should be rough enough for the plaster to adhere to.
- When working with smooth surfaces, a splatter dash coat should be applied to provide a textured surface.
- Always use a proper plastering trowel which is kept clean and rust free.
- Add just enough water to make a stiff mixture.

Mixing

- Mix in a wheelbarrow, on a plastic sheet or on a pre-wetted surface using clean drinkable water.
- Empty the contents of the cement bag and mix thoroughly with sand and stone.
- Gradually add water and mix to an even, pasty consistency.
- For a bag, use between 4,5 to 5 litres of water. Do not overwater as this will result in a weaker plaster.
- Do not rework by mixing in additional water when the mixture starts to harden as this will weaken the plaster.

Curing

After plaster has been applied and finished, it is essential to protect it from the sun and wind by covering the surface with plastic sheeting. Keep it moist for a minimum of 7 days.

Producer	Cement Inner Bag kg	Aggregates Main Bag kg	Total kg	Yield (litres) Wet State	MPa 28 Day
A	3,78	36,42	40,20	20	1,5
B	3,76	29,64	33,40	20	4,1
C	4,46	32,76	37,22	21	2,1
D	4,66	36,10	40,76	21	6,1
AfriSam	5,00	35,00	40,00	21	7,2

AfriSam Screed Mix



EASY TO PLACE AND FINISH

DESIGNED FOR DOMESTIC USE

LOWEST CARBON FOOTPRINT

Applications

This product is suitable for domestic general floor levelling under ceramic floor tiles.

Mixing

- Mix either in a wheelbarrow, on a plastic sheet or on a pre-wetted surface using clean, drinkable water.
- Empty the contents of the cement bag and mix thoroughly with sand and stone.
- Gradually add water and mix to an even, pasty consistency.
- For a bag, use between 4,5 to 5 litres of water. Do not over-water as this will weaken the screed.
- Do not rework by mixing in additional water when semi-dry as this weakens the mixture.

Curing

After completion of the surface finishing, the screed should be covered with plastic sheeting for at least 7 days.

Producer	Cement Inner Bag kg	Aggregates Main Bag kg	Total kg	Yield (litres) Wet State	MPa 28 Day
AfriSam	5,00	35,00	40,00	20	13,25

AfriSam

PREMIX

GENERAL NOTES:

**STORAGE:**

Protect bags from rain, water and moisture by keeping in a dry place. Use within 3 months of purchase.

**CURING:**

Cementitious products gain strength if kept damp after application. It is essential to protect your project or application from the sun and wind. Loss of moisture is best prevented and covered with plastic sheeting, hessian or damp sand where relevant, and keeping it moist by gently spraying with water for a minimum of 3 to 7 days.

**ENVIRONMENT:**

Please recycle the inner and outer bags and do not litter.

HEALTH AND SAFETY NOTICE:



Always wear suitable protective clothing, boots and safety glasses. If skin contact occurs, wash off with water immediately. Contact will cause skin irritation or chemical burning.



In case of contact, rinse eyes thoroughly with clean water. If irritation continues, seek medical advice.



Use dust masks. Prolonged inhalation may cause breathing problems.



WARNING - HEAVY! When lifting, keep a straight back and bend knees. Alternatively use a trolley or get help.



With the planet as one of our core values, we assess the carbon footprint of each and every one of our operations and products while actively striving to drive down our impact on the environment.

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