

### A masterpiece of cement engineering

AfriSam Eco Building Cement, the greener alternative, is the result of our company-wide strategy geared towards minimising the impact of our operations on the environment. It was developed through careful research and development by our cement technicians for use in all structural, building and masonry applications.

It possesses the following properties:

- Reduces heat of hydration in mass concrete.
- Improves concrete's resistance to chemical attack, including sulphate, chloride and soft water.
- Makes concrete highly resistant to alkali-aggregate reaction.
- Reduces permeability of concrete in water-retaining structures.
- Easy to work with and produces consistently excellent results every time.

This consistent quality, versatility and proven strength make it the choice for builders, architects, engineers, contractors and DIY enthusiasts.

### AfriSam quality guaranteed

AfriSam stakes its reputation on consistently high quality products and our Eco Building Cement is no exception.

- AfriSam manufacturing facilities are ISO 9001 certified.
- We have the highest possible Quality Management Systems.
- AfriSam Eco Building Cement fully complies with the SANS 50197 cement specification for common cements.
- The composition of the cement is constantly monitored and maintained to guarantee high quality performance in the 42,5N MPa strength class.

### Performance

AfriSam Eco Building Cement produces durable concrete, mortar and plaster that will remain strong for years. It can be successfully used in any application where high early strength is not of primary importance. Its long-term strengths are consistent with cements in the 42,5N MPa strength class.

### The choice for every job

AfriSam Eco Building Cement offers consistent strength, workability and durability, making it ideal for the following applications:

- Brick and block making.
- Reservoirs and swimming pools.
- Precast operations.
- Mining applications.
- Structural concrete.
- Plaster, mortar and shotcrete.

### Tips for storage

- Store in a dry enclosed area.
- Store off the floor on a wooden pallet or plastic sheeting to prevent moisture absorption.
- Keep doors and windows closed to eliminate airflow.

### Availability

AfriSam Eco Building Cement is available at reputable merchants in select areas where AfriSam is supplied. Please contact our customer service department for the location of your nearest stockist.

### Health and safety

Occupational exposure limits to cement are recommended in the Occupational Health and Safety Act and summarised as follows:

- The recommended limit for total inhalable dust is 10mg/m<sup>3</sup> and the respirable recommended limit is 5mg/m<sup>3</sup>.
- Direct skin contact for extended periods can result in severe burns.
- Suitable attire should be worn to prevent dust inhalation and direct skin contact.

A detailed Safety Data Sheet is available on request.

### Client support

Behind every bag of cement is AfriSam's unique and highly-developed sales support, technical service and supply infrastructure. This is to ensure that our customers can rest assured that every bag is of the highest quality. Our fully-equipped laboratory is run by qualified technicians who are ready to assist with specific requirements.

### AfriSam's Eco Building Cement - the greener alternative

AfriSam Eco Building Cement was produced using a unique combination of Portland cement and mineral components. It is the most environmentally responsible cement available. The cement has a carbon footprint almost half that of Ordinary Portland Cement, a milestone achieved with enhanced product performance. It is SABS approved and complies fully with the EN197 and SANS 50197-1 specifications.

### AfriSam is committed to sustainable development

AfriSam is committed to sustainable development and, as such, we strive towards:

- Legal compliance at all times.
- Optimal use of natural resources.
- Waste reduction.
- Reduced use of fossil fuels.
- Minimising environmental degradation and pollution.
- Employee training and stakeholder engagement.

### CO<sub>2</sub> rating

To enable consumers to make informed purchase decisions, all AfriSam bags now reflect the carbon rating of each product.

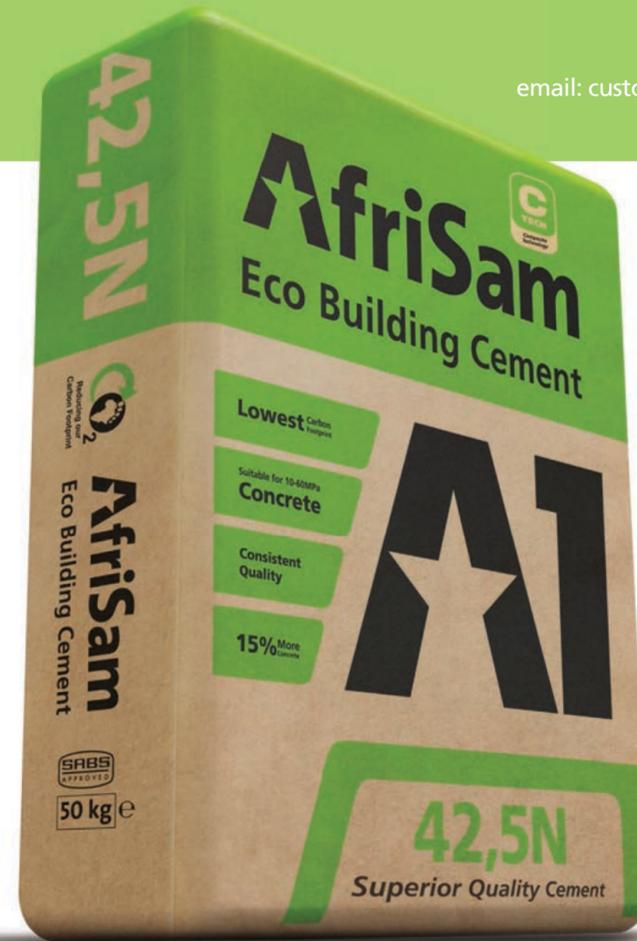
### Delivering on quality in a responsible way

Through our commitment to sound environmental stewardship, we offer high quality products and customer peace of mind.



30/05/2014

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.



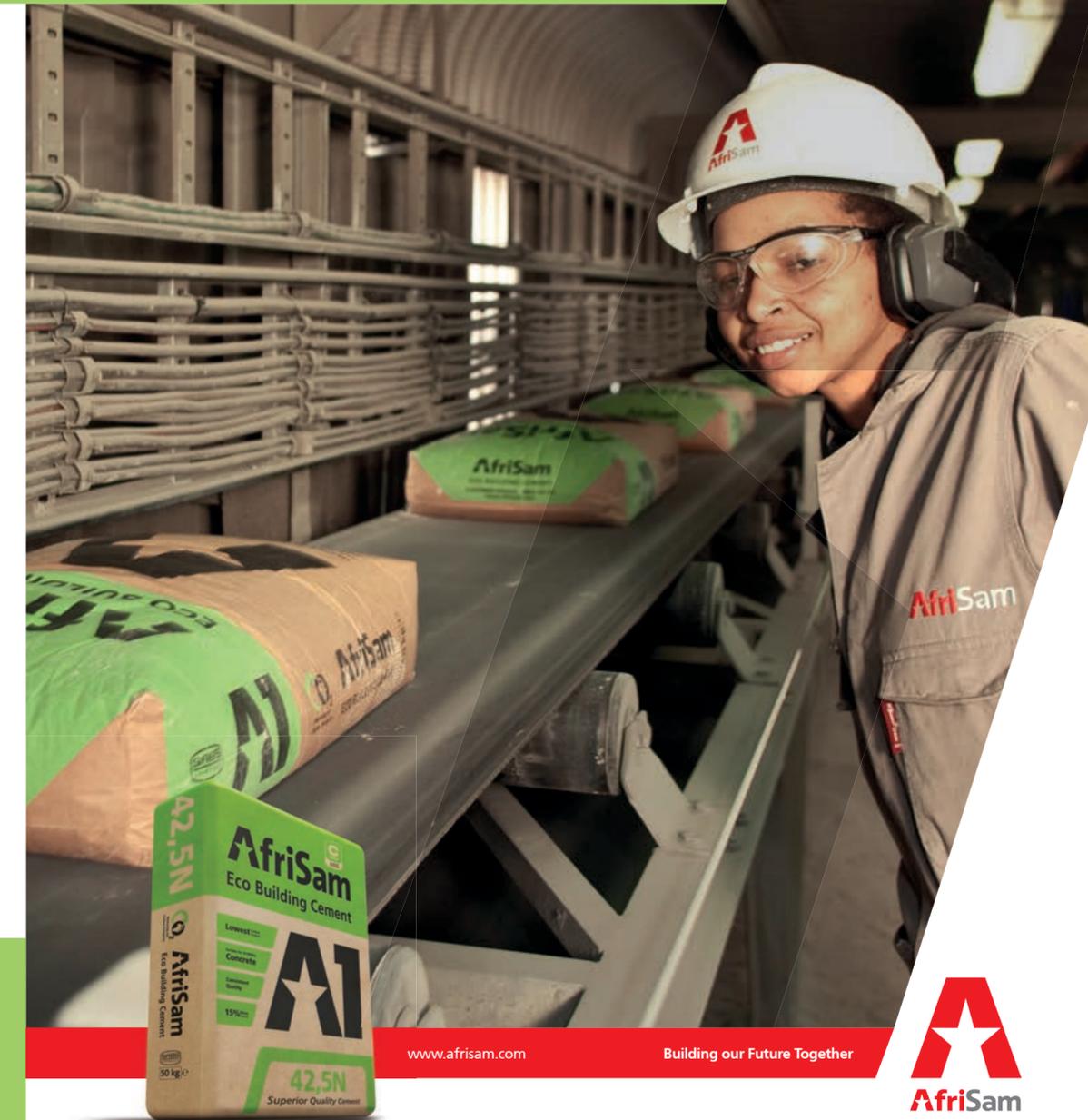
### AfriSam Customer Service

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## Your guide to the use of ECO BUILDING CEMENT

## OUR QUALITY PROMISE

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.



[www.afrisam.com](http://www.afrisam.com)

Building our Future Together

