

Be Kind to the Environment

AfriSam, a leading producer of building materials in southern Africa, has introduced its new Eco Building Cement, an environmentally-responsible cement with half the world's average carbon footprint for cement.

The Eco Building Cement is a blend of high performance cement and mineral components, making it extremely durable. It is designed to provide a smooth, defect-free finish for concrete, masonry and plaster work and the concrete it produces is less permeable, offering greater resistance to liquid penetration.

When prepared with sand, stone and water in typical plaster, mortar or concrete mixes, the carbon footprint of the mix is reduced to between 79 g/kg and 180 g/kg. "The overall carbon footprint of this cement stands at 453 g/kg, almost half that of the world average of 890 g/kg according to Cembureau and the World Business Council for Sustainable Development," says Mike McDonald, AfriSam's Product Technical Manager. "We have achieved this without compromising on the quality required by SABS for cement in this strength class."

Tests indicate 2-day, 7-day and 28-day strengths of ≥ 10 MPa, ≥ 20 MPa and ≥ 40 MPa respectively, with excellent long term strengths due to the reactive mineral components in the product. Eco Building Cement compares favourably with products in the 32.5 MPa strength class and outperforms many competitive products in this class in terms of workability, durability and long-term strength.

This CEM III A 32.5N Blast Furnace Cement complies fully with SANS 50197 specifications. It is available in practical and convenient 20 kg bags for ease of handling, reduced wastage and in-store convenience as well as in the traditional 50 kg bags for the building industry.

It performs excellently for general purpose building, bricklaying and plastering. Its improved cohesion in concrete makes for improved placing and compacting. The product is available in the greater Gauteng area and is easily distinguishable in its bright green packaging.

Afrisam, Victor Bouguenon, Tel: (011) 670 5520. Web: www.afri-sam.com

