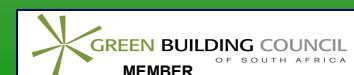
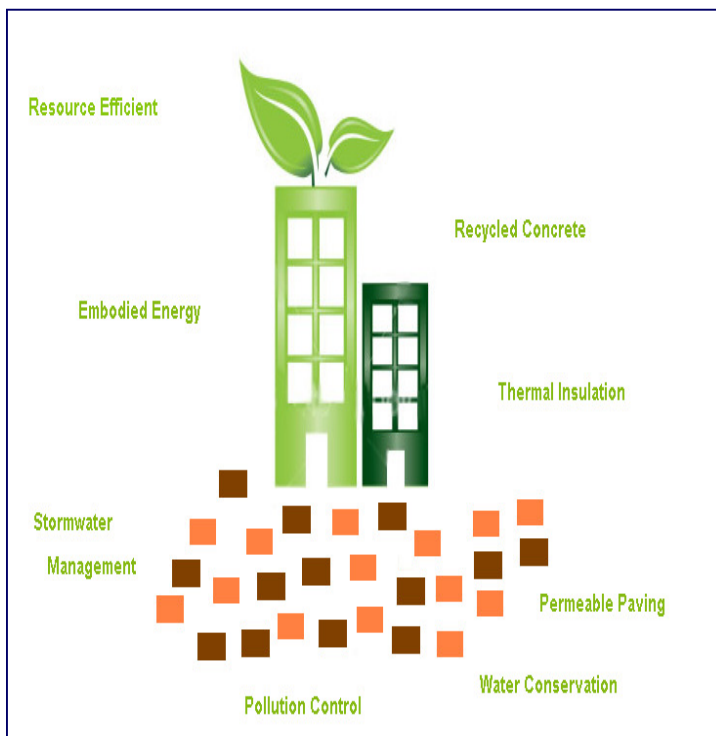


INCA MASONRY PRODUCTS

BUILDING A SUSTAINABLE FUTURE

Through concrete's excellent thermal mass, energy consumption in commercial and residential buildings can be reduced by up to 50% - a key component in South Africa's effort to reduce greenhouse gas emissions.



Inca are committed to Environmental and Sustainable Manufacturing Principles and Ethical Business Practices



Concrete for Energy Efficient Homes

When evaluating the environmental aspects of building materials, concrete's sheer pervasiveness makes it easy to overlook. It's with us everywhere—from homes to buildings to highways. But using concrete as a construction material actually helps protect our natural resources and offers consumers benefits that aren't available with other building products. The raw materials required for concrete are amongst the most abundant minerals on earth and South Africa is self-sufficient in all these materials. Local sourcing of these commonly occurring raw materials and regional end-product delivery, reduce the economic and environmental carbon footprint.

Inca Concrete Products have set an ambitious goal and have risen to the challenge to be part of the sustainable "Green" building design and regulations. By reducing the impact on the environment, Inca leads the concrete industry as the largest recycler of concrete in the Cape. Inca have made substantial investments in recycling machinery at their factory in Eerste Rivier. "Green" concrete features include slag, recycled aggregate and crushed concrete with the pour flexibility and design capabilities that customers have come to expect from their products.

With recognition of the positive benefits of "green" concrete now emerging from environmental associations, Inca "green" concrete is well positioned to benefit both the community and construction industry. Suitable for most residential, commercial and government social housing projects, "green" concrete is a product that delivers on performance and environmental sustainability.

Thermal Mass

In homes and buildings, concrete's thermal mass plays a role in its energy efficiency. Insulation must be added to all building materials to obtain high R-Factors, but thermal mass is also a factor. Concrete's high thermal mass provide significant benefits when used to construct buildings. By storing and releasing the energy needed for heating or cooling, concrete's thermal mass delivers year-round energy benefits by reducing temperature swings in homes and buildings. While insulation attempts to reduce energy losses through the building envelope, concrete thermal mass uses walls themselves to store and release energy. Inca's masonry wall blocks use both insulation and thermal mass to deliver an energy efficient building.

In an era of increased attention to the environmental impact of construction and sustainable development, concrete has much to offer. With their leading-edge environmental concrete solutions, Inca are set to pave the way.

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