

BUILD SMARTER, BUILD GREENER, BUILD BETTER WITH GREENBLOCK™.

Introducing the revolutionary CLC foam concrete block: a thermal, lightweight and versatile solution meticulously engineered to meet the demands of modern construction projects.

Greenblock™.

More than just a brick - it's a catalyst for change.

With its service life of over 25 years and energy-saving capabilities, Greenblock™ not only enhances the quality of construction projects, but also ensures a brighter, more sustainable future for generations to come.



COMPOSITION OF GREENBLOCK™:

Crafted with precision, Greenblock™ comprises cement, a proprietary foaming agent, water, and fine sand, augmented with admixtures and fibres for enhanced strength and durability. Our commitment to quality ensures that only the finest materials meeting industry standards are used in the production process.



PRODUCTION PROCESS:

Production begins with a specialized mixer, tailored to our unique dryfoam method. This process involves mixing foam, sand, cement, fibres, admixtures, and water to create a homogeneous mixture. The resulting blend is then poured into preformed moulds and precisely cut to the desired dimensions.





Biostability and Environmental Safety

Built to last, Greenblock™ resists decay, mould, and fungal growth, promoting a healthy indoor environment while minimizing environmental impact.



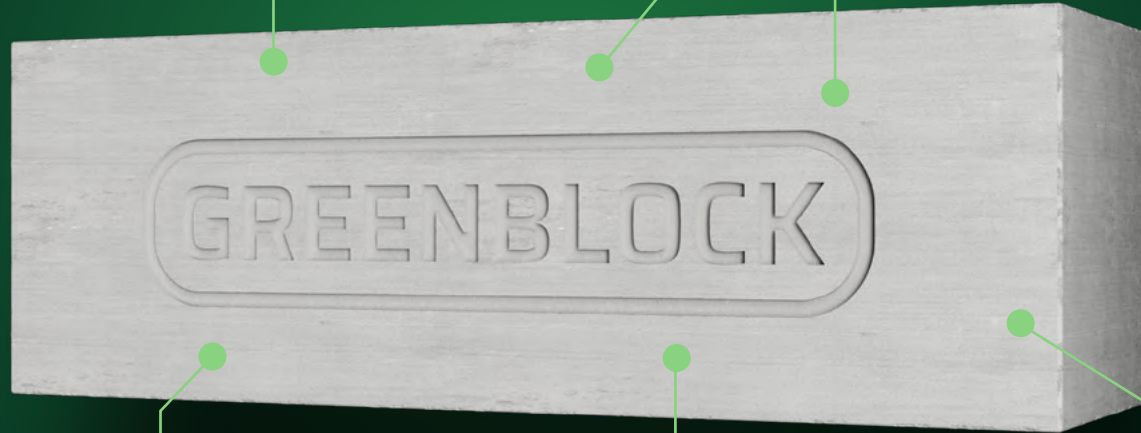
Superior Compressive Strength

Engineered for strength and stability, Greenblock™ ensures structural integrity, providing reliable support for various building applications.



Cost Saving and Lightweight Construction

Low bulk density for ease of handling and installation, reduced labour costs and accelerated timelines. Smooth surfaces reduce the need for additional levelling and finishing materials.



Reliability and Longevity

Greenblock™ has a service life of over 25 years, ensuring lasting performance and durability.



Technical Performance:

Greenblock™ offers excellent fire and water resistances and ensures solid thermal and acoustic values.



Sizes and Densities

Greenblock™ is available in various standard and custom sizes and densities.



Greenblock™'s benefits and advantages:

EFFICIENT TRANSPORTATION:

Lightweight design and convenient packaging simplifies logistics, reduces transportation costs and complexities.

ECO-FRIENDLY CONSTRUCTION:

Non-toxic composition and eco-friendly manufacturing practices minimize environmental impact.

AESTHETIC AND VERSATILE APPLICATIONS:

Unleash creativity with Greenblock™'s ability to create intricate architectural designs and features, adding beauty and expression to any project. From foundations to walls, floors, lintels, and partitions, Greenblock™ excels in various construction applications, offering unmatched versatility and performance.





Sizes and Densities:

Greenblock™ offers standard sizes tailored to meet diverse construction needs, including dimensions of 600mm long x 200mm high x 100mm, 150mm, 200mm, or 250mm wide. *Upon special request our blocks are also available in varying densities, ranging from 650kg/m³ to 1400kg/m³, with corresponding compressive strength capabilities.



GREENBLOCK™ 1200 (Dry Density 1200 kg/m³)

- 600L x 200H x 100W (mm)
- 600L x 200H x 150W (mm)



*GREENBLOCK™ 650 (Dry Density 650 kg/m³)



*GREENBLOCK™ 963 (Dry Density 963 kg/m³)



*GREENBLOCK™ 1400 (Dry Density 1400 kg/m³)

TYPICAL APPLICATIONS:



Housing and cluster developments



Low and high rise apartment developments



School, college and university developments



Office, hospital and medical centre developments



Warehouse and factory developments



Shopping centre developments





INFO@GREENBUILDSA.CO.ZA

WWW.GREENBUILDSA.CO.ZA

