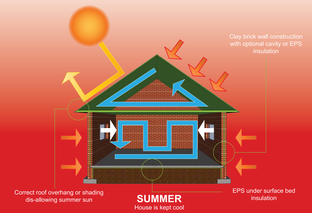
THE VOICE OF THE CLAY BRICK INDUSTRY

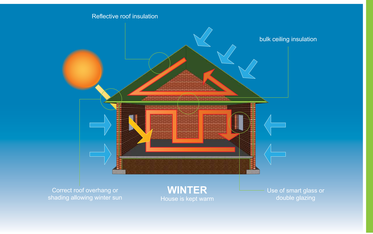
CLAYBRICK for Good

Environmentally Friendly



PASSIVE BUILDING DESIGN PRINCIPLES

The Optimal Solution for Thermal Comfort and Energy Saving
In accordance with SANS 204 and SANS 10400XA



CLAY BRICK | QUALITY OF LIVING WITH A RETURN ON INVESTMENT.

OPTIMAL HUMAN COMFORT

High thermal capacity and resistance ensures indoor comfort all year round.

SUPERIOR INDOOR AIR QUALITY

Provides for dry, mould-free interiors free of VOC's and toxic allergens.

ENERGY SAVING

A natural insulator, regulates indoor temperatures, preserves energy.

SOUNDPROOF

High thermal mass curbs transmission of airborne sound.

SAFE AND SECURE

An unyielding barricade against foreign element, gives added security and peace-of-mind.

EVERLASTING BEAUTY

In colour, form and texture clay face brick colours deepen and improve with age.

FLEXIBLE DESIGN

Natural, earthy colours, shapes and textures enhance creative expression and blend with local surrounds.

LOW MAINTENANCE

Highly durable, fade-free Clay Brick does not rot, is termite resistant and requires very little upkeep.

WEATHER-RESISTANT

Impervious to long term exposure and all weather conditions.

FIRE-RESISTANT

Clay Brick walls withstand fires longest, achieving maximum fire ratings.

STRONG

Highest dimensional stability and compressive strength ensures solid, quality, construction

DURABLE

The only time-tested building material with the longest life cycle and timeless appeal.

HIGHEST RESALE VALUE

Clay Brick homes are always in demand, and consistently fetch a higher resale value.

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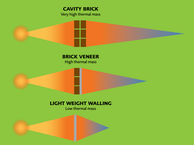
BUILD YOUR FUTURE

www.claybrick.org

CLAY BRICK | OPTIMAL ENERGY REDUCTION TARGETS IN COMPLIANCE WITH SANS 204 & SANS 10400XA

HIGH THERMAL MASS

Clay Brick's thermal resistance and capacity ensures consistent indoor temperatures between, day and night, winter and summer.



FULLY RECYCLABLE

Clay brick can be reused in construction, or crushed and returned to earth.

OPTIMAL THERMAL PERFORMANCE

The thermal efficiency of Clay Brick cavity wall construction ensures significant energy savings and a reduced burden on the environment.

SUPERIOR THERMAL COMFORT

Heat is absorbed by day and released at night, thus regulating indoor temperatures and human comfort levels.

LOWEST LIFE CYCLE ENERGY USAGE

Scientifically proven, Clay Brick is the benchmark for lowest Life Cycle Energy Costs and Lowest Life Cycle Total Energy requirement for heating and cooling.

CLIMATE MAP
SOUTH AFRICA

Cold interior
Temperate interior
Hot interior
Temperate coastal
Sub-tropical coastal
Arid interior

LONGEST LIFE CYCLE

Extreme durability and structural integrity affords life cycles beyond 100 years, with minimal maintenance.

LOWEST CARBON FOOTPRINT AND EMBODIED ENERGY

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