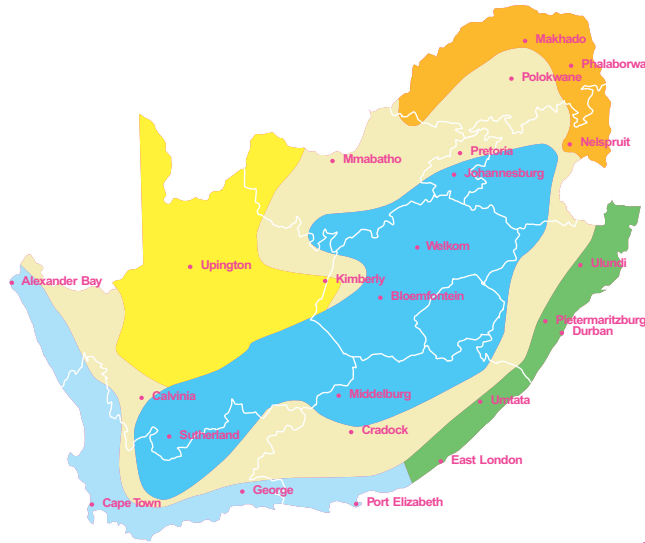


Know Your Climate Zone

South Africa has been divided into six climate zones according to their humidity and temperature variations. Each climatic zone has a different R-value that determines the thickness of Aerolite to be used.



	Cold Interior	R-Val 3.38	Aerolite	135 mm
	Temperate Coastal	R-Val 3.38	Aerolite	135 mm
	Arid Interior	R-Val 3.38	Aerolite	135 mm
	Teperate Interior	R-Val 3.38	Aerolite	135 mm
	Sub-Tropical Coastal	R-Val 2.50	Aerolite	100 mm
	Hot Interior	R-Val 3.38	Aerolite	135 mm

Know Your R-Value

According to South-African building regulations, all new homes are required to have a certain level of insulation in their roofs to meet the performance requirement.

All insulation materials have an R-value to determine their effectiveness. It's the ability of the product to resist the transfer of heat and is the most important factor when selecting insulation. The higher the R-value the more effective the insulation and Aerolite has a variety of thicknesses according to the R-value required.



**ThinkPink
Aerolite**

**Smart
Homes**
Are insulated & comfortable homes

Minimum requirements in the different climatic zones:

Thickness	Width	Length	R-Value
135 mm	1,200 mm	5 meters	3.38 
100 mm	1,200 mm	6 meters	2.50 
50 mm	1,200 mm	10 meters	1.25

Aerolite 75mm & 50 mm can be used as top up in homes that already have insulation but do not meet minimum requirements for adequate insulation.

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Cooler & Warmer

A typical un-insulated home gains or loses up to 35% of its energy through the ceiling. The net result is a home that is uncomfortably hot in summer and cold in winter. Aerolite insulates your ceiling and dramatically slows down heat loss or gain resulting in a comfortable home.

Quieter

Aerolite has exceptional acoustic insulation properties; it enhances your indoor environment by absorbing noise from the inside and outside.

Safer

Unlike many competitive products that claim limited combustibility, Aerolite is a certified non-combustible product which means it won't burn, smoke, or melt in a fire as it's made from glasswool.

Cheaper

The growing energy crisis and cost has forced a need to conserve energy and reduce electricity usage. Aerolite helps you save by limiting heat loss in winter and heat gain in summer.



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Friendlier

Aerolite is made of 80% recycled glass and our factories are CFC and HCFC free. Aerolite saves more than 100X the energy consumed and CO2 emitted from manufacturing, transporting and disposing – so you are on the right side of a sustainable future.

Easier

Aerolite blankets are easy to install. Supplied in resilient, flexible compression packed rolls for easy manoeuvring and cutting inside your roof. Simply lay Aerolite on top of your existing ceiling.



Warmer



Cooler



Safer



Cheaper



Quieter



Easier

THINK
PINK

Aerolite is a thermal and acoustic glasswool ceiling insulation that maintains a comfortable living environment, keeping you cooler in summer, warmer in winter and safer, quieter, friendlier and happier all year round.

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