

SPECIFICATION | CEILING INSULATION

National Building Regulations (NBR) SANS 10400XA

This Regulation "Energy usage in buildings" came into effect on 9 November 2011. All new buildings and extensions have to comply with the new Regulation (Ref. All new buildings and building extensions as per the building occupancy classes specified in the regulation will be required to have thermal insulation installed.



FABUFILL is:

- Fire Tested - SANS 428 (B/B1/2)
- SABS APPROVED
- is 100% Eco- Friendly and is completely recyclable.
- is 100% People and NATURE friendly. It comes in simple and safe, easy to install rolls. It is non allergenic, non irritant and flexible. No special health and safety precautions are required when installing.
- will not absorb water and will dry naturally regaining its resistance and density if exposed to water.
- has been fire tested and is safe to use in both residential and commercial applications. It
- will not contribute to the spread of flame and the product will self extinguish once the heat source is removed.
- is non Toxic. There are no chemical additives and is completely odourless.
- is maintenance free. It retains loft and does not degrade over time.

R-VALUE: All materials are rated for their performance in restricting heat transfer. This is expressed as the R- VALUE which is the measure of the materials resistance to heat transfer, alternatively known as thermal resistance. The higher the R-value, the greater the insulation effect.

Fabufill sizes / R-value:

10m x 1.2m x 40mm (R-value: 0.94)

10m x 1.2m x 50mm (R-value: 1.15)

8m x 1.2m x 75mm (R-value: 1.69)

6m x 1.2m x 100mm (R-value: 2.20)



Legend	Zone	Description	Major Centres	R-Value	Thickness
	1	Cold Interior	Johannesburg, Bloemfontein	3.38	135mm
	2	Temperate Interior	Pretoria, Polokwane	2.88	115mm
	3	Hot Interior	Louis Trichardt, Nelspruit	2.50	100mm
	4	Temperate Coastal	Cape Town, Port Elizabeth	3.38	135mm
	5	Sub-tropical Coastal	East London, Durban, Richards Bay	2.50	100mm
	6	Arid Interior	Upington, Kimberley	3.38	135mm