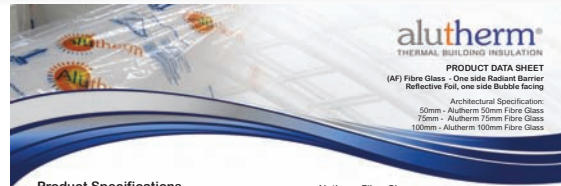


Africa Thermal Insulations: Thermal insulation

- Go to Specifile on-line
- Search Specifile
- Click here to view supplier details
- See full brochure



Product Specifications

Details	Alutherm 50mm	Alutherm 75mm	Alutherm 100mm
Tested in accordance with and conforms to 1381 part 1: 2007			
Material Classification	TYPE 3 Mats or Bats with reflective membrane laminated to material		
Length, m(Min)	10m Roll	10m Roll	10m Roll
Width (Std)	1100mm	1100mm	1100mm
Density, Kg/m³	12	12	12
Finished Roll weight	11kg	14kg	18kg
NRC - Noise Reduction Coefficient			
	0.60	0.65	0.70
Thermal Properties			
K Value	0.040	0.040	0.040
R Value	1.25	1.70	2.65

Applications

- Domestic:**
- Superior Ceiling Insulation in Residential Buildings.
 - Retrofit to existing buildings.

- Industrial:**
- Over Purlin in Industrial buildings and warehouses.

Fire Properties

Tested to SANS 428 and awarded a B91/2H (USP) (No Sprinklers).

Quality Management System

Africa Thermal Insulations (Pty) Ltd products are manufactured according to ISO 9001:2008 Quality Management System.

Warning

ALUTHERM® is not recommended as a water vapour barrier. A leaking Roof could cause condensation and corrosion to occur which may damage the product and will negatively affect its thermal properties.

Transportation and Storage

To ensure that ALUTHERM® remains in pristine condition, the rolls must be transported in a suitable, fully enclosed truck. They should also be stored under cover to protect them from direct sunlight and rain. Rolls should be stacked on their sides or on the end of the roll without the overlap. Observe the "This way up" arrow printed on the packaging. Africa Thermal Insulations (Pty) Ltd cannot accept any claim for replacement for material if the above conditions are not met.

Alutherm Fibre Glass



Industrial Application



Advanced Benefits and Features

Applied as under roof tile or under roof sheeting insulation it reduces heat transfer into your roof space thereby protecting all services within your roof space from drying out, cracking and degradation due to UV and Solar heat gain.
As ceiling insulation it reduces and slows down heat transfer into your home.
Non Toxic
Non Carcinogenic.
Does not attract rodents.
Easy to install - No safety equipment needed during installation.
Reduces Dust penetration into the roof space.

Warning - ALUTHERM® is not suitable for exposed exterior applications. The manufacturer Africa Thermal Insulations (Pty) Ltd guarantees the prime quality of the ALUTHERM® product for 25 years from the date of installation in accordance with the requirements of ANSIRIS (Building Regulations), on condition that the product has been correctly installed according to the manufacturer's installation instructions and provided that the roof has not failed or been subjected to a fire risk. The guarantee does not cover the durability of the product due to it being installed in a corrosive or contaminated environment. The essence of the liability shall be restricted to the product only and does not include the cost of removing and replacing the roof.



AFRICA THERMAL INSULATIONS
tel: 011 462 9122 www.alububble.co.za



Specifile - Architectural Information Service - the source of
South African building products and suppliers

PRODUCT DATA SHEET
(AF) Fibre Glass - One side Radiant Barrier
Reflective Foil, one side Bubble facing

Architectural Specification:
50mm - Alutherm 50mm Fibre Glass
75mm - Alutherm 75mm Fibre Glass
100mm - Alutherm 100mm Fibre Glass

Product Specifications

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Width (Std)	1100mm	1100mm	1100mm
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	0.60	0.65	0.70
Thermal Properties			
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Applications

Domestic:-

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- Retrofit to existing buildings.

Industrial:-

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Warning

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Reduces Dust penetration into the roof space.

Warranty:- ALUTHERM[®] is not suitable for exposed, exterior applications. The manufacturers Africa Thermal Insulations (Pty) Ltd guarantees the prime quality of the ALUTHERM[®] product for 15 years from the date of installation (in accordance with the requirements of SANS10400 Building Regulations), on condition that the product has been correctly installed according to the manufacturer's installation instructions and provided that the roof has not leaked or been tampered with in any way. The guarantee does not cover the discolouring or deterioration of the product due to it being installed in a corrosive or contaminated environment. The extent of the liability shall be restricted to the product only and does not include the cost of removing and refitting the roof.



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