

Product Specifications

Architectural Specification:

Alucool® (50/75/100/135mm) thick, non-combustible, brown glass mineral wool faced with either reinforced foil, or white/black cloth.

Used in conjunction with straining wires (white/black PVC or Galvanised) placed at 275mm centres apart as per ATI's installation guidelines.

| Details | Alucool 50mm | Alucool 75mm | Alucool 100mm | Alucool 135mm |
|-------------------------------------------------------------|--------------------------------------------------------------------------|---------------------|---------------------|---------------------|
| Tested in accordance with and conforms to SANS 8301:2010 | | | | |
| Material Classification | Type 3 Mats or Bats with reflective membrane laminated to material | | | |
| Lengths (Std) | 10m to 30m Roll | 10m to 30m Roll | 10m to 22m Roll | 10m to 17m Roll |
| Other lengths with increments of 500mm available on request | | | | |
| Width (mm) Effective | 1200mm | 1200mm | 1200mm | 1200mm |
| Resistance 'R' (m ² K)/W | 1.28 | 1.92 | 2.56 | 3.46 |
| Conductivity 'K' W/m.K | 0.039 | 0.039 | 0.039 | 0.039 |
| Density | 12kg/m ³ | 12kg/m ³ | 12kg/m ³ | 12kg/m ³ |
| Weight per 10m | 11kg | 14.1kg | 17.7kg | 24.3kg |
| Diameter | 38cm | 44cm | 47cm | 70cm |



A revolutionary, new, formaldehyde-free binder technology, based on rapidly renewable materials instead of petro-based chemicals. It reduces embodied energy and delivers superior environmental sustainability.



Applications

Alucool® Foil and White faced has no limitations, suitable for all occupancy classes of buildings. Domestic and Industrial Application.

Fire Properties

Non-Combustible.

Tested to SANS 428 - A/A1/1

Tested to SANS 53501-1 (EN13501-1)

- Foil and White A2-s1, d0
- Black faced A2-s3, d1



Quality Management System

Africa Thermal Insulations products are manufactured According to ISO 9001:2015 Quality Management System

BBBEE

Please see website for latest Certificate.

Transportation and Care

To ensure Alucool® remains in pristine condition, the rolls must be transported in a suitable, fully enclosed truck. They should also be stored under cover to protect it from direct sunlight and rain. Rolls must be laid flat.

Warranty: The manufacturer Africa Thermal Insulations guarantees the prime quality of the Alucool® product for 10 years from the date of installation (in accordance with the requirements of SANS10400 Building Regulations, on conditions that the product has been correctly installed according to the manufacturer installation instructions and provided that the roof has no leaks 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 contaminated environment. The extent of liability shall be restricted to the replacement of the product only and does not include the cost of removing and refitting the roof.

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