

ISOVER INSULATION SPECIFICATIONS - 11316

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AEROLITE 135mm

Thickness x Length (mm)	Width (mm)	K- Value (W/.mK)	NRC Value
135mm x 5000mm	1200mm	0.040	1.10

Application Specification

Lay 135mm Aerolite insulation (Non-combustible and Class 1 fire index rating) on the ceiling ensuring that it fits tightly between the tie beams. Aerolite should be cut 50mm more than distance between the tie beams. Cut Aerolite out around down lights. Cut Aerolite out around trap doors. Fix the cut section to the back of the trap door using a good quality contact adhesive. Wrap Aerolite around cold and hot water pipes ensuring that there is 10mm overlap. Secure the Aerolite using a cable tie at 300mm centres.

Performance Criteria

K-value:

0.040 W/mK for 135mm (ASTM C518).

Fire Properties:

No Health risk.

Non-combustible – tested to SANS 10177-5.

SANS 428 fire classification – A/A1/1.

EN 13501 fire classification – A1.

Quality Management System:

ISOVER products are manufactured according to ISO 9001.

Environmental Sustainability:

ISOVER products are manufactured according to ISO 14001. Aerolite is made of 80% recycled glass and factories are CFC and HCFC free. Zero ozone depleting potential (ODP) and Zero global warming potential (GWP)

Applications:

Ceiling insulation in: Residential buildings, Retrofit in existing homes, Top up insulation and Non-residential buildings.