

Ceiling Insulation Specification

Aerolite thickness: 50mm/75mm/100mm/ 115mm/ 135mm

- Performance criteria:

K-value: 0.040 W/mK (ASTM C518)

Combustibility: Non-combustible (SANS 10177 Part 5)

Fire Spread index rating: Class 1 (SANS 10177: Part 3)

Fire Spread index rating: Class A1, S1 (EN 13823)

Reaction to fire: Euroclass A1 (EN 13501-01)

- Specification:

Lay (50mm/75mm/100mm/115mm/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.

To be read in conjunction with Glasswool handling Instructions in the Installation methodology.