

Product Description

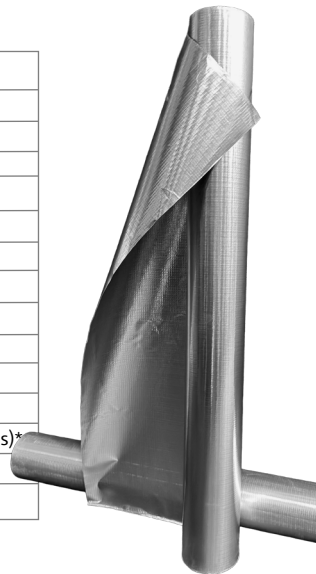
Alufoil®FR Lite Domestic Grade consists of a multi-layered fibreglass scrim reinforced aluminium foil laminate roof insulation. Incorporating highly advanced fire retardant properties with aluminium foil to both sides, Alufoil®FR Lite Domestic is ideal for use in Light Industrial, Commercial and Residential buildings.

Product Features

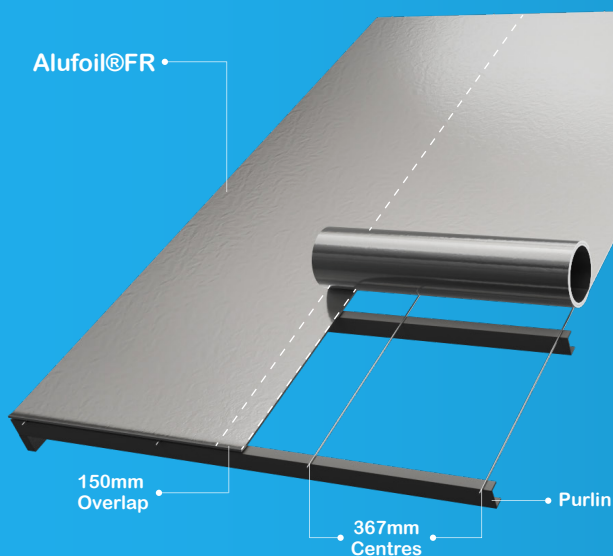
- Highly thermally efficient complying to SANS 10400XA.
- Highest Fire Rating for multi-layered aluminium foil roof insulation products.
- Highest pace-to-area ratio installation methodology saving time and costs.
- Environmentally Friendly.
- Acts as a dust barrier.
- Improved interior lighting due to its high reflectivity.
- Non-hygroscopic and will not promote fungi, mould or bacteria nor sustain vermin.
- Maintenance free and will not readily age providing long term product life.

Product Technical Data

Appearance	Silver Foil
Emissivity of foil surface	<0.05
Roll length	40m
Roll width	1250mm
Roll size	50m ²
Effective coverage	44m ²
Overlap	150mm
Wire Centres	367mm
Mass per unit area	180gsm
Roll Weight	+·9kg
Tensile strength MD	255 N/25mm
Tensile Strength XD	130 N/25mm
Thermal Resistance (R-Value)	1.64 m ² K/w (including air gaps)*
Fire Rating SANS 10177 Part 5 & 10	A/A3
Reaction to Fire Classification SANS 53501-1	B-s1,d0*



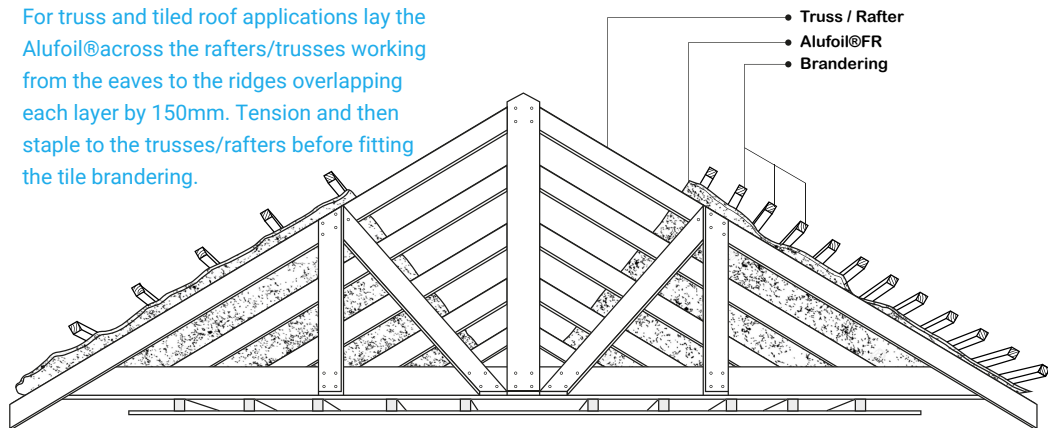
**Test reports available upon request*



Installation Methodology

For steel roof and over-purlin applications lay the Alufoil® over 1.6mm galvanised steel straining wire spaced at 367mm centres with the first wire positioned 50mm in from the gable end. Overlap by 150mm and hold in position until fitment of the roof sheet using GDA grade double-sided tape on the eave and apex purlins and/or in between if required.

For truss and tiled roof applications lay the Alufoil® across the rafters/trusses working from the eaves to the ridges overlapping each layer by 150mm. Tension and then staple to the trusses/rafters before fitting the tile brandering.



Architectural Specification

Alufoil FR Double-sided Lite Domestic Grade Thermal Barrier Roof Insulation laid across the rafters/trusses starting from eaves overlapping each layer by minimum 150mm then tensioning and securely stapled to the trusses/rafters using industrial grade staples before fitting and laying the roof tile brandering. All in strict accordance with the manufacturers specifications.


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