

Sarking

TECHNICAL DATA SHEET

Fall Arrest

- ✓ Satisfies BCA specifications and requirements for Reflective Foil Laminates
- ✓ Complies with the specifications and requirements of AS/NZS 4200.1 for 'Pliable Building Membranes' which is a manual recognised by the BCA Part 3.5 Roof and Cladding
- ✓ Low Flammability Index in accordance with AS 1530.2
- ✓ Satisfies BCA Part 3.7.1 Fire Hazard Properties
- ✓ Satisfies Health and Safety Regulations
- ✓ Complies with AS/NZS 4040.4 Impact Resistance (Sandbag Test)

Product Information

Roof Installation

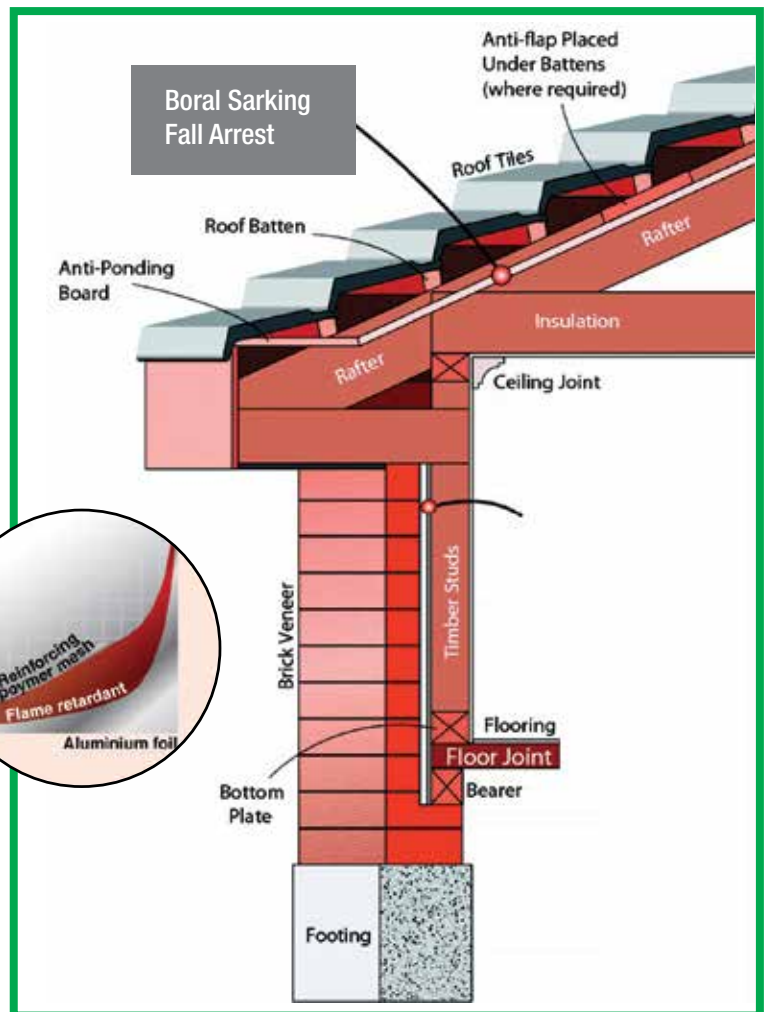
Up to R1.0 may be added to the insulation protection when Boral Sarking – Fall Arrest is installed within an airspace of roof structures. The specialised manufacturing process laminates Aluminium Foil with a high strength reinforcing Polymer Mesh.

Energy Efficiency

Boral Sarking – Fall Arrest contributes to effective reductions in greenhouse gas emissions when used as an insulation agent in buildings.

Light Reflectivity

Gains of up to 40% can be obtained by using Boral Sarking – Fall Arrest as an exposed internal roof lining. Efficiencies in lighting loads are also evident. Conforms to AS/NZS 4859.1-2002.to AS/NZS 4859.1-2002.



Protective Roof/Vapour Barrier

Added protection against stormwater, condensation and wind is achieved in roof structures when applied under roof tiles. Boral Sarking – Fall Arrest can also be a very effective vapour barrier when sealed with recommended tapes.

Specification Notes

Roofing material shall be Boral Sarking - Fall Arrest (Please specify a colour) _____
Sarking shall be Boral Sarking Extra Heavy Duty

Product Specification

Boral Sarking - Fall Arrest		
Recommended Applications and Properties		
Tensile Strength – Cladding	High	
Durability – Cladding	High	
Impact Resistant – Cladding	High	
Residential Roof Insulation	✓	
High Wind Load Protection	✓	
Acoustic Performance Agent	✓	
Flame Retardant – Cladding	✓	
Duty	Extra Heavy	
Vapour Barrier	High	
Emittance	Reflective	
Water Barrier	High	
Flammability Index <5	<5	
Tensile Strength Machine Direction (kN/M)	Min 13	
Tensile Strength Lateral Direction (kN/M)	Min 10.5	
Edge Tear Resistance Machine Direction (N)	Min 90	
Edge Tear Resistance Lateral Direction (N)	Min 90	
Water Vapour Transmission Rate (Ng/Ns)	Max 2	
Emittance of Reflective Face	Max 0.05	
R. Value - Independently Tested and Endorsed		
Winter	R1 (1.04)	
Summer	R1.5 (1.45)	
Availability		
Width 1500mm	Length 30m	Area 45m ²

NOTE: Use in cold temperature climates (daytime <5°C) requires roof to be well ventilated and moist air from within the dwelling to be exhausted out into the atmosphere.

Product Usage

In all applications:

- External cladding should be installed ASAP
- No contact is to be made with wet concrete or mortar
- Store in dry area
- Shrinkage of up to 2% can be expected

In reflective foil laminate applications:

- Use only in accordance with AS/NZS 4200.2 for the 'Installation Requirements for Pliable Building Membranes'
- Minimum of 20mm air space is recommended adjacent to reflective foil face to achieve maximum insulation values
- 40mm sag between trusses is recommended when using Boral Sarking – Fall Arrest
- For use in enclosed structures

Additional Resources;
Boral Roofing Technical Design Manual boral.com.au/rooftiles

For more information about Boral's Roofing products call **1300 134 002** or visit **boral.com.au/rooftiles**

Important Information: Product information contained in this leaflet is correct at the time of printing however is subject to change without notice. Some photos featured in this brochure are artist's impressions of how Boral roof tiles will look on a roof. Some images are computer generated. Please ensure you view a tile display before making a final decision. Colours shown are indicative only and should not be used for final selection. Colours are subject to change without notice. Check print date prior to product selection. Roof tile colours may vary in shades throughout the manufacturing process therefore it is important that roof tiles are blended consistently across the roof. At Boral Roofing, all tiles are manufactured to the requirements of Australian Standard 2049 Roof Tiles. Please ask for a copy of the Boral Roofing guarantee before making your purchase. During transportation and installation small blemishes such as scuffing and chip marks may occur. These are not considered a production fault and will not detract from the performance of the roof tile.
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