

Sarking

TECHNICAL DATA SHEET

HD Kraft Paper

- ✓ 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

Product Information

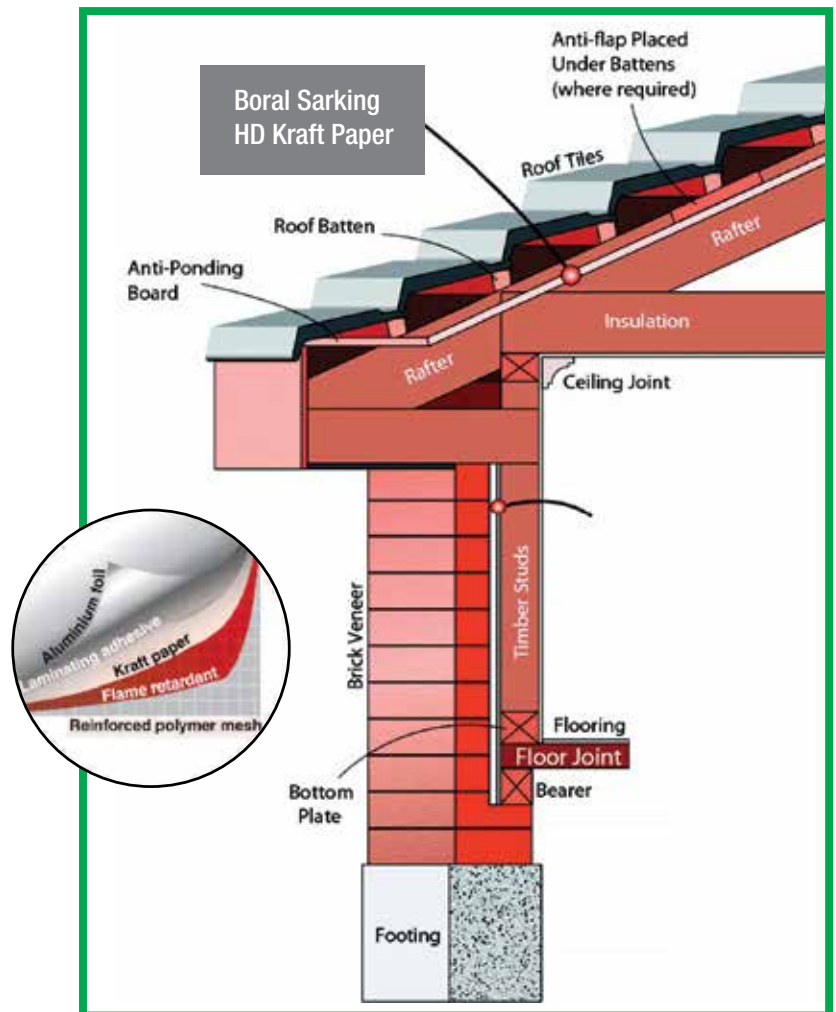
Roof Installation

Up to R1.0 (downward heat flow) may be added to the insulation System R-Value when Boral Sarking – HD Kraft Paper is installed adjacent to an airspace in the tiled roof structures. The specialised manufacturing process bonds together Aluminium Foil and high density Kraft paper that is then laminated with a high strength reinforcing Polymer Mesh.

The reinforcing Polymer Mesh is purposely treated blue in colour to reduce reflective glare problems when installed. To achieve and ensure maximum protection is attained, Flame retardant Adhesive is applied during the final process of manufacture in all products.

Energy Efficiency

Boral Sarking HD Kraft Paper provides 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 – HD Kraft paper as an exposed internal roof lining. Efficiencies in lighting loads are also evident. Conforms 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 – HD Kraft Paper can also be a very effective vapour barrier when sealed with recommended tapes.

Specification Notes

Roofing material shall be Boral Sarking - HD Kraft Paper (Please specify a colour) _____
Sarking shall be Boral Sarking Extra Heavy Duty

Product Specification

Boral Sarking - HD Kraft Paper		
Recommended Applications and Properties		
Residential Roof Insulation		✓
Duty		Heavy
Vapour Barrier		High
Emittance		Reflective
Water Barrier		High
Flammability Index <5		<5
Tensile Strength Machine Direction (kN/M)		Min 12.5
Tensile Strength Lateral Direction (kN/M)		Min 7.5
Edge Tear Resistance Machine Direction (N)		Min 80
Edge Tear Resistance Lateral Direction (N)		Min 80
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

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 – HD Kraft Paper
- 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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