Technical Data Sheet

Sisalation® Facing Foil

Heavy Duty Black Coated (444)

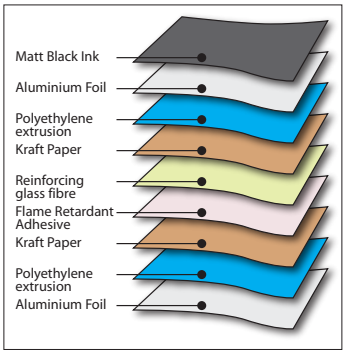
Product Description and Typical Applications

Sisalation® Facing Foil Heavy Duty Black Coated (444) is a single sided reflective foil laminate with the outer foil face finished with matt black ink. It is recommended for use as a vapour barrier lining for insulation blanket and sheets where a discrete, dark visual appearance is desired under metal deck roofing and under concrete roof slabs. The strong, tear resistant membrane provides an effective barrier against moisture, vapours, wind, heat and dust penetration when overlapped. Particularly when sealed with *Sisalation* Black Coated self adhesive aluminium tape.

Physical Characteristics

	Width	Length	Area	Weight
Roll Size	1200mm	600m	720m²	234.33kg
	1200mm	60m	72m²	23.44kg

Sisalation Facing Foil Heavy Duty Black Coated (444) has an outer layer of matt black ink coated aluminium foil laminated to high density kraft paper with a unique extrusion polyethylene which provides a superior bond. A second layer of kraft paper is bonded with a heavy coating of flame retardant adhesive and reinforced with continuous strands of fibreglass in two directions. Another outer layer of foil is laminated with extrusion for superior bond.



Duty Classification:	Heavy Duty
Vapour Barrier:	High
Water Barrier:	High
Emittance of Black Face:	0.1
Emittance of Reflective Face:	0.03
Flammability Index: in conformance with AS 1530.2.	≤ 5 when tested
Nominal Weight:	325gsm
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

Green Star compliant

Fletcher Insulation is committed to providing environmentally sustainable products. Fletcher Insulation products have Zero Ozone Depleting Potential in both manufacture and composition, complying with the GreenStar Insulant ODP Emissions credit requirement. Air quality is maintained with Total Volatile Organic Compound (VOC) emissions below quantifiable levels.

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We safely deliver extraordinary value to our customers

Health and Safety

There are no known health or safety risks associated with this product for applications described in this datasheet.

For additional information or to request a Material Safety Data Sheet please visit: www.insulation.com.au or contact your nearest Fletcher Insulation office.

Specification Notes

Sisalation Facing Foil Heavy Duty Black Coated (444) satisfies the BCA requirements for sarking type materials. It complies with the requirements of AS/NZS4200.1: 1994 for "Pliable Building Membranes" which is the deemed to satisfy standard recognised by the BCA Part 3.5 Roof and Wall Cladding. It has a low flammability index (not greater than 5) in accordance with AS1530.2: 1993 which satisfies the BCA Part 3.7.1 Fire Hazard Properties (Class 1 & 10 Buildings). It also satisfies BCA Specification C1.10 2(a) Fire Hazard Properties (Class 2 to 9 Buildings), as a sarking type material.

When specifying, state the following:
Product Name - Sisalation Facing Foil Heavy Duty Black Coated (444)
Application - Facing Foil.

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