

Sisalation® Medium Duty 430 Facing Foil

Description

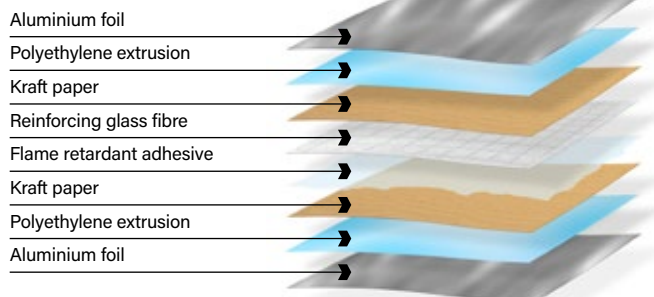
Sisalation® Medium Duty 430 Facing Foil has an outer layer of aluminium foil laminated to high density kraft paper with a unique extrusion polyethylene which provides a superior bond. A second layer of kraft paper is bonded with a heavy coating of flame retardant adhesive and reinforced with continuous strands of fibreglass in two directions. Another outer layer of foil is laminated with extrusion for superior bond.

Applications

Sisalation® Medium Duty 430 Facing Foil is a tough medium duty, double side facing foil applied to building blanket forming the Permastop® Building Blanket product, used in metal roofing and cladding of both residential and commercial buildings particularly when a strong, tear resistant facing is required. This foil is also used as an external facing for duct wrap applications in the air conditioning industry.

When used in conjunction with an airspace, it is an effective thermal insulation material because of the high reflectivity and low emissivity of its aluminium foil surfaces. It provides an effective barrier against wind, heat and dust penetration when overlapped. If a vapour and/or air seal is required, all overlaps and all discontinuities should be taped with Sisalation® Vapastop® 883 reinforced foil tape or the tape recommended.

Product Composition



Physical properties

Property	Test method/standard	Result/classification	Unit
Duty classification	AS4200.1	Medium duty	
Resistance to dry lamination	AS/NZS 4201.1	Pass	
Resistance to wet lamination	AS/NZS 4201.2	Pass	
Shrinkage	AS/NZS 4201.3	Pass (< 0.5%)	
Emittance of reflective face (both sides)	AS/NZS 4201.5 (ASTM E408)	0.03 IR Reflective	
Edge tear resistance	Machine direction	≥ 65	N
	Lateral direction	≥ 65	
Tensile strength	Machine direction	≥ 9.5	kN/m
	Lateral direction	≥ 6.0	

Fire hazard properties

Sisalation® Medium Duty 430 Facing Foil exhibits the following characteristics when tested in accordance with the following standards:

Test method/standard	Property	Test results
		Sisalation® Medium Duty
Methods for fire test on building materials, components and structures AS/NZS 1530.2:1993 (R2016)	Flammability Index	≤ 5 (Low)

Health and safety

There are no known health or safety risks associated with this product for applications described in this datasheet. Sisalation® Medium Duty 430 Facing Foil contains aluminium foil and can conduct electricity. To avoid electrocution, care should be taken to ensure products do not come into contact with electrical wiring during installation or use. For additional information or to request a Safety User Information Sheet please visit www.insulation.com.au or contact your Fletcher Insulation Representative.

Technical specification

When specifying, state the following:

For roofing and walling building blanket:

Permastop Building Blanket faced with Sisalation® Medium Duty 430 facing foil.

For external lagging of ductwork:

Facing material should be Sisalation® Medium Duty 430 Facing Foil bonded directly to 22kg General Purpose Ductwrap Insulation.

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