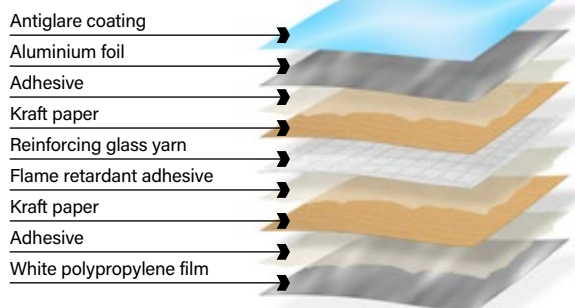


Sisalation® Metal Roof MD 433WF White - Antiglare

Description

Sisalation® Metal Roof, Medium Duty 433WF White Film, is a premium white coated foil laminate. It has an outer layer of white polypropylene film over an 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. Sisalation® Metal Roof, Medium Duty 433WF White has a premium white surface finish on one side and a blue reflective antiglare finish on the other to reduce any problems with reflected glare during installation.

Product Composition



Applications

Sisalation® Metal Roof, Medium Duty 433WF White Film is designed primarily for use under metal roofs and in walls in sports stadiums, retail shopping centres, warehouses and generally in areas where a decorative aesthetic finish is required. The white polypropylene film coating provides excellent resistance to corrosive/chemical environments, ensuring quality and longevity. The white polymeric surface provides an effective barrier against moisture, vapours, wind and dust penetration when overlapped. The white polymeric face is not 100% UV stable and hence must not be installed where exposed to direct or indirect ultraviolet (UV) light. Sisalation® Metal Roof, Medium Duty 433WF White also has a maximum service temperature of 65°C. Sisalation® 440W, White tape is recommended to provide a vapour sealed join in humid environments such as indoor swimming pools.

Product data

Width mm	Length m	Area per roll m ²	Weight per roll kg	Product code
1350	60	81	25.95	251460

Compliance

Sisalation® Metal Roof, Medium Duty, 433WF White Film products comply with the National Construction Code (NCC) for sarking type materials and satisfy the following requirements:

- AS/NZS4200.1: 2017 for 'Pliable Building Membranes'
- Deemed to Satisfy Standard - recognised by NCC Volumes 1 and 2.
- Achieves a low Flammability Index (≤ 5) in accordance with AS1530.2:1993 (2016).
- NCC Volume 2 Part 3.7.1 Fire Properties for materials and construction.
- NCC Volume 1 Specification C1.10 Fire Hazard Properties (Class 2 to 9 Buildings). Suitable for use as a sarking type material in locations other than fire control rooms subject to Specification E1.8.
- Non-Combustible building element concession- NCC 2019 Volume 1 C1.9(e) & NCC 2019 Volume 2 3.7.1.1

Physical properties

Property	Test method/standard	Result	Unit
Product thickness		<1	mm
Duty rating	AS/NZ 4200.1	Medium	
Vapour barrier (WVTR)	ASTM E96	Class 2	µg/Ns
Water barrier	AS/NZ 4201.4	Water barrier-complies	
Emittance of white face	AS/NZ 4201.5	Non-reflective	
Emittance of antiglare face	AS/NZ 4201.5	Non-reflective	
Tensile strength	AS1301.448	Machine direction: ≥ 9.5 Lateral direction: ≥ 6.0	(kN/m)
Edge tear resistance	TAPPI T470	Machine direction: ≥ 65 Lateral direction: ≥ 65	N

Flammability index

Sisalation® Metal Roof MD 433WF White Film products exhibits the following characteristics when tested in accordance with the following standards:

Property	Test method/standard	Result
Methods for fire tests on building materials, components and structures AS/NZS 1530.2: 1993 (R2016)	Flammability Index	<5

Health and safety

There are no known health or safety risks associated with this product for applications described in this datasheet. Sisalation® Metal Roof MD 433WF White Film 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 Material Safety Data Sheet please visit www.insulation.com.au or contact your Fletcher Insulation Representative.

Technical specification

When specifying, state the following:

Product Name: Sisalation® Metal Roof, Medium Duty 433WF White Film Application: Metal Roof (Decorative Finish)

The metal roof sarking shall be Fletcher Insulation Sisalation® Metal Roof, Medium Duty, 433WF White Film incorporating two foil-paper laminates that are reinforced to reduce noise in metal roofs with a decorative white finish.