

AirFlo™ Reflecta VPM (Roof)

VAPOUR PERMEABLE MEMBRANE



AirFlo™ Reflecta VPM is designed to be used in roof construction

AirFlo™ Reflecta VPM has been engineered to meet the demands of the Australian climate. AirFlo™ Reflecta VPM is specifically designed with a heavy duty foil side which will deliver high thermal performance when installed in a roof. Delivering a shield of protection to help against external weather penetration, whilst also alleviating condensation build-up

An average household can generate up to 12 litres of internal condensation on a daily basis. Condensation within the frame can result in accelerated frame deterioration, mould infestations, sick building syndrome and costly repairs

Using the right Vapour Permeable weather barrier helps manage condensation and saves you future headaches

KEY BENEFITS

- ✓ Vapour Permeable & Water Barrier
- ✓ Provides Additional Thermal Performance to the Roof
- ✓ 180 day UV Protection Guaranteed
- ✓ Helps to Increase Star Rating of the Building Complies with Condensation
- ✓ Condensation Management and Fire Resistance Requirements in NCC 2019 & 2022
- ✓ Complies with AS/NSZ 42001.
- ✓ Recognised by National Building Codes 2019 & 2022

40.5 m² ROLL

AirFlo™ Reflecta VPM 1350mm W x 30m L

Issued January 2024

SPECIFICATIONS

Product Code	AirFlo™ Reflecta VPM (Roof)
Roll Size	AFR3530R
Roll Area	1.35m x 30m
Roll Diameter	40.5m ²
Roll Weight	0.12m
	7.17kg

Classifications in Accordance with AS/NZS 4200.1 This product should be installed in accordance with AS 4200.2

PRODUCT TESTING

Testing Name	Testing Standard	Testing Result
Duty Classification	AS/NZS 4200.1 Table 1	Medium
Edge Tear	TAPPI T470	569N ≤ (Machine Direction) 484N ≤ (Lateral Direction)
Tensile Strength	AS 1301.448s	10.5 kN/m ≤ (Machine Direction) 8.26 kN/m ≤ (Lateral Direction)
Emittance Value	AS/NZS 4201.5	0.03 (IR Reflective) 0.47 (IR Non-Reflective)
Emittance Category	AS/NZS 4200.1 Table 3	RN
Vapour Permeability	ASTM E96	1.1612 µg/N.s ≤
Vapour Control	AS/NZS 4200.1 Table 4	Class 4, Vapour Permeable
Water Control	AS/NZS 4201.4	Water Barrier
Air Control	ISO 5636-5	≥0.1 MNs/m ³ (Air barrier)
Resistance to Dry Delamination	AS/NZS 4201.1	PASS
Resistance to Wet Delamination	AS/NZS 4201.2	PASS
Shrinkage	AS/NZS 4201.3	≤0.5%
Electrical Conductivity	AS/NZS 3100	Non - Conductive
Surface Water Absorbancy	AS/NZS 4201.6	<100g/m ² , Low
Flammability	AS/NZS 1530.2	Low (≤5)
Nominal Thickness	Not Available	<1mm
UV Exposure	Not Available	180 Days
Folding Endurance	AN/NZS 1301.423	PASS



FIRE SAFE



COMFORT, HEALTH & AMENITY



CONDENSATION CONTROL



REDUCED POWER COSTS

Products are to be stored flat on a clean, level surface and kept under cover. Returns of product displaying effects of deformation due to incorrect storage practices will not be accepted.

The product information included in this publication is provided in good faith in order to ensure the optimum performance of this product. However, no warranty is given or implied with respect to this information or the product itself regarding the product's suitability for any particular purpose, as factors outside our knowledge and control may affect its use. The usage of this and other building membranes will affect moisture migration in the building element. The purchaser is responsible for independently determining the sustainability of the product for the intended purpose. GI Building Services Pty Ltd reserves the right to amend product specifications without prior notice. Information provided is considered to be true and correct at the time of publication.

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