

AirFlo™ Black VPM

VAPOUR PERMEABLE MEMBRANE



AirFlo™ Black VPM is designed to be used in roof construction. With a black exterior, solar absorbency is increased making for a warmer home for those in colder climates.

AirFlo™ Black VPM has been engineered to meet the demands of the Artic climate, with a solar absorbency of up to 30°. AirFlo™ Black VPM allows vapour transmission without compromising weather resistance, 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 roof frame can result in accelerated frame deterioration, mould infestations, sick building syndrome and costly repairs.

Using the right Vapour Permeable weather barrier can help manage condensation and save you future headaches.

KEY BENEFITS

- ✓ Vapour Permeable & Water Barrier
- ✓ Highest performance VPM in the Australian Market
- ✓ Specifically designed for Artic Areas - Climate Zone 8
- ✓ Complies with Condensation Management and Fire Resistance Requirements in NCC 2019 & 2022
- ✓ Low Flammability Index
- ✓ Complies with AS/NZS 4200.1

40.5m² ROLL

Roll Size: 1350mm x 30m

SPECIFICATIONS

	AirFlo™ Black VPM
Product Code	AFB3530
Roll Size	1.35m x 30m
Roll Area	40.5m ²
Roll Diameter	0.18m
Roll Weight	7.98kg

Classifications in Accordance with AS/NZS 4200.1 These products 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
Burst Strength	AS 2001.2.19	263N
Edge Tear - Machine Lateral	TAP PI T470	237N 151N
Tensile Strength - Machine Lateral	AS 1301.448s	11.03kN/m 8.35kN/m
Vapour Permeability	ASTM E96	6µg/N.s
Vapour Control	AS/NZS 4200.1 Table 4	Class 4
Water Control	AS/NZS 4201.4	Water Barrier
Air Control	ISO 5636-5	≤0.1MNs/m ² (Air barrier)
Emittance : Outwards Inwards	AS/NZS 4201.5	IR NON-Reflective (0.9) IR NON-Reflective (0.9)
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 , High
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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