

AirFlo™ White VPM

VAPOUR PERMEABLE MEMBRANE



AirFlo™ White VPM is designed to be used in residential timber and steel frame wall construction behind external cladding products

AirFlo™ White VPM has been engineered to meet the demands of the Australian climate. Non-perforated, it features micro-pores to allow vapour transmission without compromising weather resistance, delivering a shield of protection to help against external weather penetration whilst also alleviating condensation build-up

AirFlo™ White VPM provides up to 180 days of UV Protection without any loss of performance or deterioration

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

Choosing AirFlo™ White VPM helps manage condensation and saves you future headaches

KEY BENEFITS

- ✓ Vapour Permeable & Water Barrier
- ✓ 180 day UV Protection Guaranteed
- ✓ Highest performing VPM in the Australian market
- ✓ Complies with AS/NZS 4200.1 and recognised by National Building Codes 2019 & 2022
- ✓ Satisfies Health and Safety Regulations and Requirements

45m² - 82.2m² Roll

AirFlo™ White VPM - 1500mm W x 30m L
AirFlo™ White VPM - 2740mm W x 30m L

Issued January 2024

SPECIFICATIONS

	AirFlo™ White VPM	AirFlo™ White VPM
Product Code	AFW5030	AFW2740
Roll Size	1.5m x 30m	2.74m x 30m
Roll Area	45m ²	82.2m ²
Roll Diameter	0.16m	0.16m
Roll Weight	5.28kg	9.64kg

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	Light Wall
Burst Strength	AS 2001.2.19	242 N
Edge Tear Resistance	TAPPI T470	219 N (Machine Direction) 112 N (Lateral Direction)
Vapour Permeability	ASTM E96	6.0000 µg/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/m3, Air barrier
Emittance Classification	AS/NZS 4200.1 Table 2	IR Non-Reflective IR Non-Reflective
Emittance Category	AS/NZS 4200.1 Table 3	NN
Emittance Value	AS/NZS 4200.1 Clause 5.3.3	0.9 & 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/m2, 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

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.



FIRE SAFE



COMFORT, HEALTH & AMENITY



CONDENSATION CONTROL



REDUCED POWER COSTS

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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