

Reflecta-VPM 5050™

VAPOUR PERMEABLE MEMBRANE



Reflecta-VPM 5050™ is designed to be used in residential timber and steel frame wall construction behind external cladding products.

Reflecta-VPM 5050™ 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.

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.

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

KEY BENEFITS

- ✓ Water Barrier & Vapour Permeable
- ✓ Satisfy BCA specifications and requirements
- ✓ Complies with AS/NZS 4200.1 and recognised by the BCA part 3.5 Roof and Cladding
- ✓ Low Flammability Index
- ✓ Satisfy Health and Safety Regulations and requirements

SIZES - 75m² ROLLS

Reflecta-VPM 5050™ - 50m L x 1.5m W roll

SPECIFICATIONS

	Reflecta-VPM 5050™
Product Code	VPM5050
Roll Size	50m x 1.5m (75m ²)
Roll Diameter	0.21m
Roll Weight	9.29kg

These products meets the requirements of AS/NZS 4200.1

Duty	Light Wall	
Vapour Classification	Class 4	Vapour Permeable
Vapour Permeability	3.395 µg/N.s	
Water Control Classification	Water Barrier	
Flammability Index	(1) Low	
Electrical Conductivity	Non-Conductive	
Emittance	NN, Non-Reflective	

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
Vapour Permeability	ASTM E96 B Method	3.395 µg/N.s
Vapour Resistance	ASTM E96 B Method	0.3MN.s/g
Vapour Control Membrane Classification	AS/NZS 4200.1 Table 4	Class 4, Vapour Permeable
Emittance	AS/NZS 4200.1 Table 2	Category: NN Non-Reflective (0.9) & Non-Reflective (0.9)
Water Control Classification	AS/NZS 4201.4	Water Barrier
Surface Water Absorbency	AS/NZS 4201.6	High
Resistance to Dry Delamination	AS/NZS 4201.1	Comply
Resistance to Wet Delamination	AS/NZS 4201.2	Comply
Shrinkage	AS/NZS 4201.3	Comply
Edge Tearing Resistance	TAPPI T470	219N in M.D & 112N in L.D
Burst Strength	AS/NZS 2001.2.19	242N
Flammability Index	AS/NZS 1530.2	1 (Low)
Electrical Conductivity	AS/NZS 3100	Non-Conductive
Air Control	ISO 5636-5	Air Barrier
Folding Endurance	AS/NZS 1301.423	Comply



FIRE SAFE



COMFORT, HEALTH & AMENITY



CONDENSATION CONTROL



REDUCED POWER COSTS

Products are to be stored standing upright and on pallets not more than two high. Product warranty is voided for any product stored horizontally resulting in squeeze or crush. 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 suitability of the product for the intended purpose. GI Building Sciences 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.

GI's standard warranty applies providing the VPM is clad within 10 weeks of application.

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