

Trade/Select™

Trade Select™ VapourTech® Brane® VHP TackBack®

Product Code: TSVHP-RL

Self-Adhesive Vapour permeable, Air Barrier wall insulation

For moisture control behind all types of cladding and in all wall systems in Climate Zones 2-8



Trade Select™ VapourTech® Brane® VHP TackBack® is a Light Wall Duty, self-adhering weather barrier coated with a PSA acrylic adhesive, designed for use as a permeable wall wrap to sheathing, rigid insulations, SIP's, steel and OSB boards. Trade Select™ VapourTech® Brane® VHP TackBack® can easily adhere to itself on overlaps reducing the need for extra taping and acts as a barrier to water penetration, radiant heat, moisture ingress and dust penetration.

- > Class 3 Vapour Permeable
- > Water Barrier
- > Puncture resistant
- > Compatible with most substrates
- > Low Flammability, suitable for all BALs in bushfire-prone areas

Application

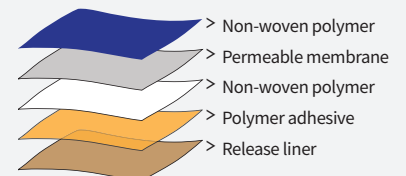
Trade Select™ VapourTech® Brane® VHP TackBack® is used as a self-adhesive Class 3 Vapour Permeable water barrier wall wrap behind all types of cladding and in wall systems in Climate Zone 2-8.

NOTE: Trade Select™ VapourTech® Brane® VHP TackBack® is not a Vapour Barrier. It is NOT recommended for this application in ABCB Climate Zone 1 and Climate Zone 2 -North of the tropic of Capricorn.

VapourTech® Brane® VHP is available in 1.35m width rolls, and a convenient TackBack® layer for easy application to the wall system. If installed behind non-absorbent claddings such as steel, provision should be given for adequate drainage of any trapped moisture.

Construction

Trade Select™ VapourTech® Brane® VHP TackBack® is made with an advanced adhesive backed three-layer construction: two tough outer layers of spun-bonded fabric protecting an inner core of VHP membrane backed by a pressure sensitive acrylic adhesive.



Material Properties and Classifications

Trade Select™ VapourTech® Brane® VHP TackBack® classifications in accordance with AS/NZS 4200.1:2017.

Criteria	Reference	Result	Requirement
Flammability Index	AS 1530.2-1993	Low ≤ 5	High (> 5) / Low (≤ 5)
Duty	AS/NZS 4200.1:2017	Light Wall	Classification
Burst Strength	AS 2001.2.19-1998	254 N	≥ 200 N
Edge Tear Machine Direction	TAPPI T 470 om-89	180 N	Min 80 N
Edge Tear Lateral Direction	TAPPI T 470 om-89	89 N	Min 80 N
Vapour Control	AS/NZS 4200.1 Clause 5.3.2.3	Class 3 Vapour Permeable	Class 1 to 4
Vapour Permeance	ASTM E96-2016 Procedure B	0.8652 µg/N.s	Value
Water Control	AS/NZS 4201.4:1994	Water Barrier	Classification
Resistance to Dry Delamination	AS/NZS 4201.1:1994	Pass	Pass
Resistance to Wet Delamination	AS/NZS 4201.2:1994	Pass	Pass
Shrinkage (Repeated wetting & drying)	AS/NZS 4201.3:1994	0.0%	< 0.5%
Electrical Conductivity	AS/NZS 4200.1:2017	Non-Conductive	Classification
Emittance Value	AS/NZS 4200.1:2017	Printed side: 0.90, Plain side: 0.90	Value
Emittance Classification	AS/NZS 4200.1:2017	IR Non-reflective, IR Non-reflective	Classification
Emittance Category	AS/NZS 4200.1:2017	NN	Category
Nominal Thickness		0.41 mm	
Peel Adhesion to OSB board		> 6 N/50mm	
Service Temperature of adhesive		-20°C to 100°C	
Application Temperature		10°C to 40°C	

NCC Compliant

Trade Select™ VapourTech® Brane® VHP TackBack® complies with AS/NZS 4200.1:2017 and therefore meets all the requirements of the *National Construction Code of Australia for pliable building membranes, insulation, and sarking-type materials*.

Fire Performance

Flammability Index

Low (≤5)

Complete product tested including adhesive, minus the release liner.

Tested in accordance with AS 1530.2-1993 - *Methods for fire tests on building materials, components and structures Part 2: Test for flammability of materials*.

Bushfire Attack Levels

Complies with AS 3959-2018 *Construction of buildings in bushfire-prone areas for use in all BALs*.

Seek independent advice regarding the selection of sarking prior to installation in the BAL design.

Deemed-to-satisfy provisions non-combustible materials

Trade Select™ VapourTech® Brane® VHP TackBack® complies with *Deemed-to-Satisfy Provisions NCC Volume One, Section C1.9 (e)(vi) non-combustible building elements and Volume Two 3.7.1.1 General Concessions – non-combustible materials*. Trade Select™ VapourTech® Brane® VHP TackBack® may be used where non-combustible material is required.

Sarking-type materials that do not exceed 1 mm in thickness and have a Flammability Index not greater than 5.

Durability may be affected by environmental factors, including chemical and airborne pollutants, if used in industrial or farm buildings.

Australian designed for Australian conditions. Manufactured by: Ametalin 9-11 Playford Crescent, Salisbury North S 5108 T: +61 8 8285 6955 F: +61 8 8285 5911 E: info@ametalin.com

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Handling and Storage

Store this product undercover in a clean, dry place in the pack provided.

Dimensions

1350 mm x 30 m (40.5 m²)

Nominal thickness: 0.41 mm

Specification Notes

When specifying, state the following:

Product name: Trade Select™ VapourTech® Brane® VHP TackBack®

The insulation to be installed shall be Trade Select™ VapourTech® Brane® VHP TackBack®, very high permeance wall wrap and shall be installed in accordance with AS 4200.2: 2017 *Pliable Building Membranes and Underlays, Part 2: Installation*.

Emittance Value: 0.90

Emittance Classification: IR Non-reflective

Vapour Control Classification: Class 3 Vapour Permeable, 0.8652 µg/N.s

Water Control Classification: Water Barrier

Duty: Light Wall in accordance with AS/NZS 4200.1:2017

Complete details including installation instructions are available on our website: www.tradeselect.co