

VapourTech® Brane® VHP

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



VapourTech® Brane® VHP

VapourTech® Brane® VHP

VapourTech® Brane® VHP is a Very High Permeance (VHP), vapour permeable, triple-layer, Light Wall Duty wall wrap designed for use in a wide range of wall systems.

VapourTech® Brane® VHP is classified as a Water Barrier and Class 4 Vapour Permeable membrane. Very high levels of water vapour are allowed to absorb and diffuse through the core non-woven structure, ensuring that condensation risk is controlled, while outside liquid water cannot penetrate inwards. VapourTech® Brane® VHP is chemically non-reactive in conjunction with treated timber and salt conditions close to coastlines.

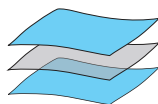
- Class 4 Vapour Permeable
- Water Barrier
- Triple layer construction for durability
- Low Flammability, suitable for all BALs in bushfire-prone areas

Application

VapourTech® Brane® VHP is used as a wall wrap behind all types of cladding and in all wall systems in Climate Zone 2-8 NOTE: It is NOT recommended for this application in ABCB Climate Zone 1; select from our range of Class 1 and 2 Vapour Barrier products instead. VapourTech® Brane® VHP is available in 1.37 m and 1.5 m width rolls, and a convenient 2.74 m width roll that halves installation time and reduces the amount of air gaps and joins in the wall system. If installed behind non-absorbent claddings such as steel, provision should be given for adequate drainage of any trapped moisture.

Construction

VapourTech® Brane® VHP is made with an advanced three-layer construction: two tough outer layers of spun-bonded fabric protecting an inner core of VHP membrane



- Non-woven Polymer Fabric
- Very high permeable membrane

Declared Total System R-Values

Light Weight Cladding

fixed to battens
with VapourTech®
Brane® VHP
+ R2.7 fibrous batt.

Winter **R_T 2.82**

Summer **R_T 2.67**

Brick Veneer Wall

with VapourTech®
Brane® VHP
+ R2.7 fibrous batt.

Winter **R_T 2.93**

Summer **R_T 2.78**

R-values apply to typical conditions for mainland Australian capital cities and have been calculated by an independent consulting engineer in accordance with AS/NZS 4859.1:2018. For detailed design of building systems, seek advice based on actual site conditions from a qualified licensed engineer. The contribution of this product to the total system R-value depends on installation and environmental conditions.

Brane® VHP

for use behind James Hardie® Cladding

Trade Select™ Brane® VHP

Product Description

Trade Select™ Brane® VHP is a triple-layer pliable building membrane, featuring a permeable layer sandwiched between protective layers of non-woven fabric. The material construction permits very high levels of condensation absorption and diffusion, allowing water vapour to escape from within the wall structure while restricting the ingress of liquid moisture. Trade Select™ Brane® VHP is chemically non-reactive so and may be used in conjunction with treated timbers or close to coastlines.

Trade Select™ Brane® VHP complies with James Hardie® requirements for external cladding

Trade Select™ Brane® VHP

Trade Select™ Brane® VHP complies with AS/NZS 4200.1:2017 and therefore meets all the requirements of the National Construction Code for pliable building membranes and sarking type materials installed in walls.

- Water Barrier. Trade Select™ Brane® VHP Water Control classification is Water Barrier in accordance with AS/NZS 4200, 1:2017.
- Vapor Barrier: Trade Select™ Brane® VHP achieves Class 4 Vapor Permeable classification in accordance with AS/NZS 4200, 1:2017
- Bushfire Attack Levels: Trade Select™ Brane® VHP complies with AS 3959-2009 Construction of buildings in bushfire-prone areas for use in wall systems BAL - LOW to BAL - FZ.

James Hardie* has different technical guidebooks/installation instructions for each cladding product; however, they all primarily state the same requirements for product substitutions.

- Stria™ cladding
- Axon™ cladding
- Linea™ weatherboard
- PanelClad® sheet
- HardieFlex™ sheet
- Matrix™ cladding
- Primeline® weatherboard
- Easylap™ panel
- HardiePlank™ weatherboard
- ExoTec® building facade cladding



VapourTech® Brane® VHP

For more information & inspiration visit
www.adxarchitectural.com.au

