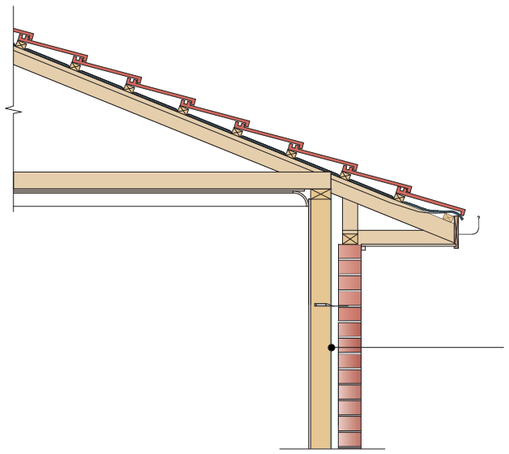
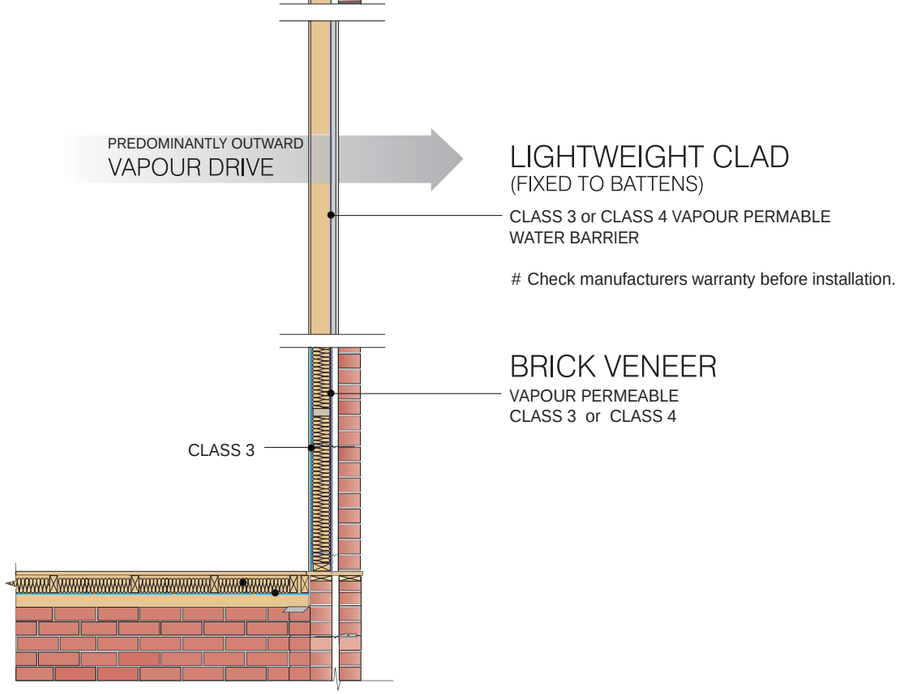
Temperate
Vapour Drive Variable/Outward



BRICK VENEER

CLASS 3 or CLASS 4 VAPOUR PERMABLE



LIGHTWEIGHT CLAD
(FIXED TO BATTENS)

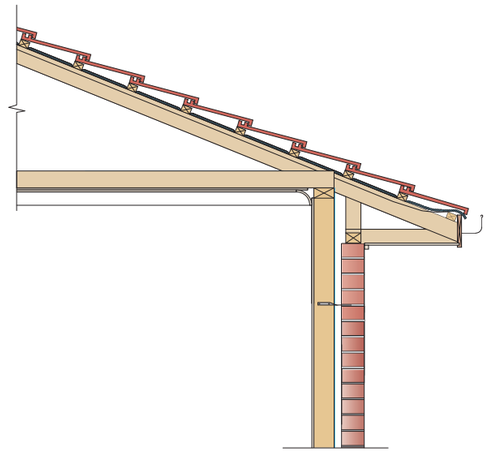
CLASS 3 or CLASS 4 VAPOUR PERMABLE
WATER BARRIER

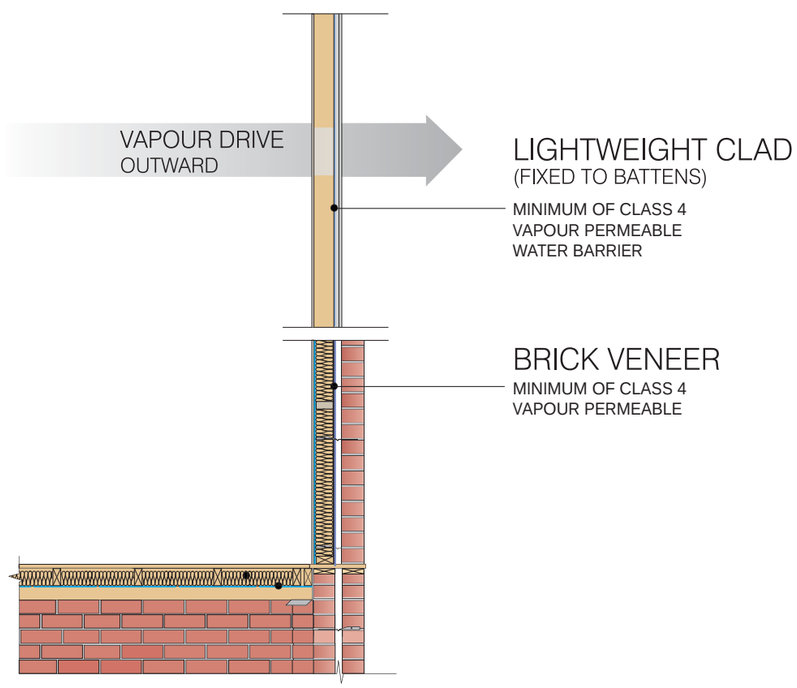
Check manufacturers warranty before installation.

BRICK VENEER

VAPOUR PERMEABLE
CLASS 3 or CLASS 4

Cold Zone
Vapour Drive Outward





LIGHTWEIGHT CLAD
(FIXED TO BATTENS)

MINIMUM OF CLASS 4
VAPOUR PERMEABLE
WATER BARRIER

BRICK VENEER

MINIMUM OF CLASS 4
VAPOUR PERMEABLE

Ametalin

Performance insulation for a greener world

Ametalin VapourTech® Range

Next-generation Vapour Permeable membrane for condensation management in roofs and walls insulation.

Residential & Commercial

Introducing **VapourTech® Range** and accessories to complement the NCC 2022 vapour permeable.

Vapourtech® RWC Roof Wall Commercial

For use in commercial and residential roofs, facades and wall systems in Climate Zones 2-8.

Duty: Medium

Vapourtech® Wall

For use behind all types of cladding in all wall systems in ABCB Climate Zones 2-8.

Duty: Light Wall

Vapourtech® Brane® VHP

For use behind all types of cladding in all wall systems in ABCB Climate Zones 2-8.

Duty: Light Wall

Recommended accessories:

Cavity Drainage Battens

ThermalBreak® Strips

Available at BUNNINGS warehouse

For full product range and approved accessories:

www.bunnings.com.au
www.ametalin.com

ROOFS

WALLS

Sarking Insulation Selector

NCC 2022, ABCB CLIMATE ZONES 4 – 8

A guide for the easy selection of roof sarking, wall wraps and vapour permeable membranes for modern Australian Buildings, NCC 2022 - ABCB Climate Zones 4 - 8.

NCC 2022 - Volume 1 and Volume 2 / Housing Provisions.				
ABCB Climate Zones				
4	5	6	7	8
Temperate		**Cool / Alpine**		
ROOFS		**ROOFS**		
For optimal performance, roof designs should include a minimum 20 mm ventilation path.		**NCC 2022 DtS requirement, all roofs must include a minimum 20 mm ventilation path.**		
CeaseFire®	:0204882	**Typical Cathedral / Raked Ceiling* :**		
VapourTech® RWC	:0441508	CeaseFire®	:0204882	
SilverSark®	:0182007 :0182010	VapourTech® RWC	:0441508	
SilverSark® xR	:0182013 :0182014			
+ ThermalCav™ Drainage Batten	**:0501110**	**+ ThermalCav™ Drainage Batten**		
+ Cavity™ Drainage Batten	**:0441505**	**Typical Pitched Roof with Attic Space:**		
ThermalBreak®	:0811234	**Vapour Permeable:** as above		
ThermalLiner™	:0811014	**Vapour Barriers:**		
FireSark®	:0106451	ThermalBreak®, ThermalLiner™ SilverSark®		
L.C. WALLS		**L.C. WALLS**		
Water Barrier Minimum of Class 3, and Class 4 Vapour Permeable		**Water Barrier Minimum of Class 4 Vapour Permeable**		
CeaseFire®	:0204882	CeaseFire®	:0204882	
VapourTech® RWC	:0441508	VapourTech® RWC	:0441508	
VapourTech® Wall	:0441507	VapourTech® Wall	:0441507	
VapourTech® Brane® VHP	:0811065 :0811008	VapourTech® Brane® VHP	:0811065 :0811008	
+ ThermalCav™ Drainage Battens		**+ ThermalCav™ Drainage Battens**		
BRICK VENEER & DRAINED CAVITY WALLS		**BRICK VENEER & DRAINED CAVITY WALLS**		
Minimum of Class 3, and Class 4 Vapour Permeable		**Minimum of Class 4 Vapour Permeable**		
CeaseFire®	:0204882	CeaseFire®	:0204882	
VapourTech® Wall	:0441507	VapourTech® RWC	:0441508	
VapourTech® RWC	:0441508	VapourTech® Wall	:0441507	
SilverWrap® xRS Micro-perforated		VapourTech® Brane® VHP	:0811065 :0811008	
SilverWrap® xR HD Micro-perforated	:0811319	SilverWrap® MD Micro-perforated	:0810105	
SilverWrap® MD Micro-perforated	:0810105	SilverWrap® LD Micro-perforated	:0038676	
SilverWrap® LD Micro-perforated	:0038676	SilverWrap® xR HD Micro-perforated	:0811319	
FireSark® Micro-perforated	:0106452	VapourTech® Brane® VHP	:0811065 :0811008	
VapourTech® Brane® VHP	:0811065 :0811008			

* When combined with a 20 mm adjacent air space.

Condensation Management: Ensure in ABCB climate zones 3 and 4, that an appropriate Class 3 or Class 4 Vapour Permeable membrane is used. Ensure that in ABCB climate zones 6, 7 and 8 that an appropriate Class 4 Vapour Permeable membrane is used. Individual constructions benefit from a hygrothermal analysis by a suitably qualified engineer to ensure the greatest protection from condensation risk and moisture-related damage. The purchaser should independently determine the suitability of the product for the intended purpose.

Steel-frame construction: Ensure provisions are made for themal break and thermal bridging mitigation where required by the NCC2022. ThermalCav™ Drainage Battens provide R0.26 thermal break as well as 20 mm ventilation pathway.

Also available: Ametalin ThermalBreak® Strips, Non-combustible ThermalBreak® Strips and ThermalBreak®.

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Performance insulation for a greener world
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E: info@ametalin.com W: ametalin.com

Ametalin

Available at BUNNINGS warehouse

Ametalin

Performance insulation for a greener world

NCC2022 Whole of Home Net-Zero Ready Buildings

WALLS | ABCB Climate Zones 4 - 8

VapourTech® RWC
Roof Wall Commercial

VapourTech® Wall
Vapour Permeable Water Air Barrier

ThermalBreak Strips

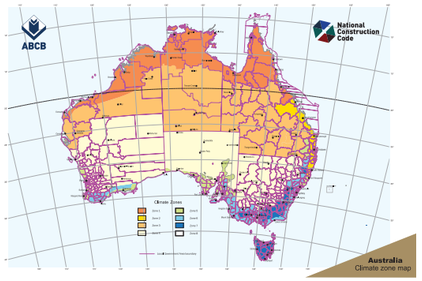
Cavity Drainage Battens

Building systems for thermal comfort, moisture management and energy efficiency.

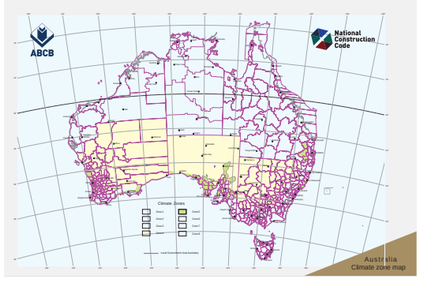
Build to suit your climate zone.

The adopted National Construction Code 2022 is now redefining how we approach condensation risk and moisture control in external walls in Australia.

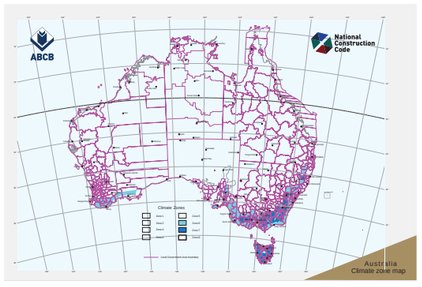
Designing and building to suit your climate zone is crucial for achieving optimal condensation management, energy efficiency, and thermal comfort in a building.



The existing NCC 2019 Deemed-to-Satisfy Vapour Control provisions for Sarking-type materials and pliable building membranes in cooler climates has now been expanded on, to include ABCB Climate Zones 4 and 5.



Above: Highlighted regions depict ABCB Climate Zones 4 and 5.



Above: Highlighted regions depict ABCB Climate Zones 6, 7 and 8.

Strategic Approach for each ABCB Climate Zone:

Understanding the essence of your location is key. We've streamlined our offerings to cater to your specific needs.

From Class 4 Vapour Permeable wall wraps for climate zones 4 to 8, to the Class 4 Vapour permeable membrane CeaseFire—a Highly Fire Resistant, ember proof, air and water barrier —perfectly suited for all BAL's in lightweight clad to brick veneer constructions in a range of climates.

Discover your building's ABCB Climate Zone

NCC2022 - WHAT YOU NEED TO KNOW

- You can use Class 1 or 2 Vapour Barrier membranes in ABCB Climate Zones 1 to 3
- You can use Class 3 or 4 Vapour Permeable membranes in ABCB Climate Zones 4 and 5
- You can only use Class 4 Vapour Permeable membranes in ABCB Climate Zones 6, 7 and 8
- You can use sarking type materials in a drained cavity systems.
  SilverWrap® MD Micro-perforated Class 4 Vapour Permeable

VapourTech® RWC Roof Wall Commercial

- Class 4 Vapour Permeable
- Weather Barrier, advanced water, air and vapour control membrane
- Four-layer construction for high strength, tear, puncture and UV resistance
- Low Flammability, suitable for all BALs in bushfire-prone areas in Australia
- Helps reduce energy consumption and increase occupant health and comfort

ThermalCav™ | Item: 0501110

- R_T 0.26 in-situ thermal break & ventilation pathway

Cavity Drainage Battens | Item: 0441505

- R_T 0.15 in-situ to reduce heat transfer 10 mm thick
- Heat, fire, and UV resistant
- Engineered for very high compression resistance
- Self-adhesive backing for fast, easy installation
- Creates a natural drainage plane for moisture to escape
- Enhances the energy efficiency and breathability of the system
- Termite, mould, and mildew resistant

VapourTech® Wall

- Next generation permeable air barrier technology for walls
- Class 4 Vapour Permeable
- Advanced water, air and vapour control membrane
- Triple layer construction for durability
- Low Flammability, suitable for all BALs in bushfire-prone areas

R0.25 ThermalBreak Strips

- Exceeds R0.2 thermal break in-situ as required by the NCC
- Compression resistant, provides a firm base to install to
- Easily cuts to any desired length or shape
- Self-adhesive backing for fast, easy installation
- Creates a natural drainage plane for moisture to escape
- Low Flammability, suitable for all BALs in bushfire-prone areas