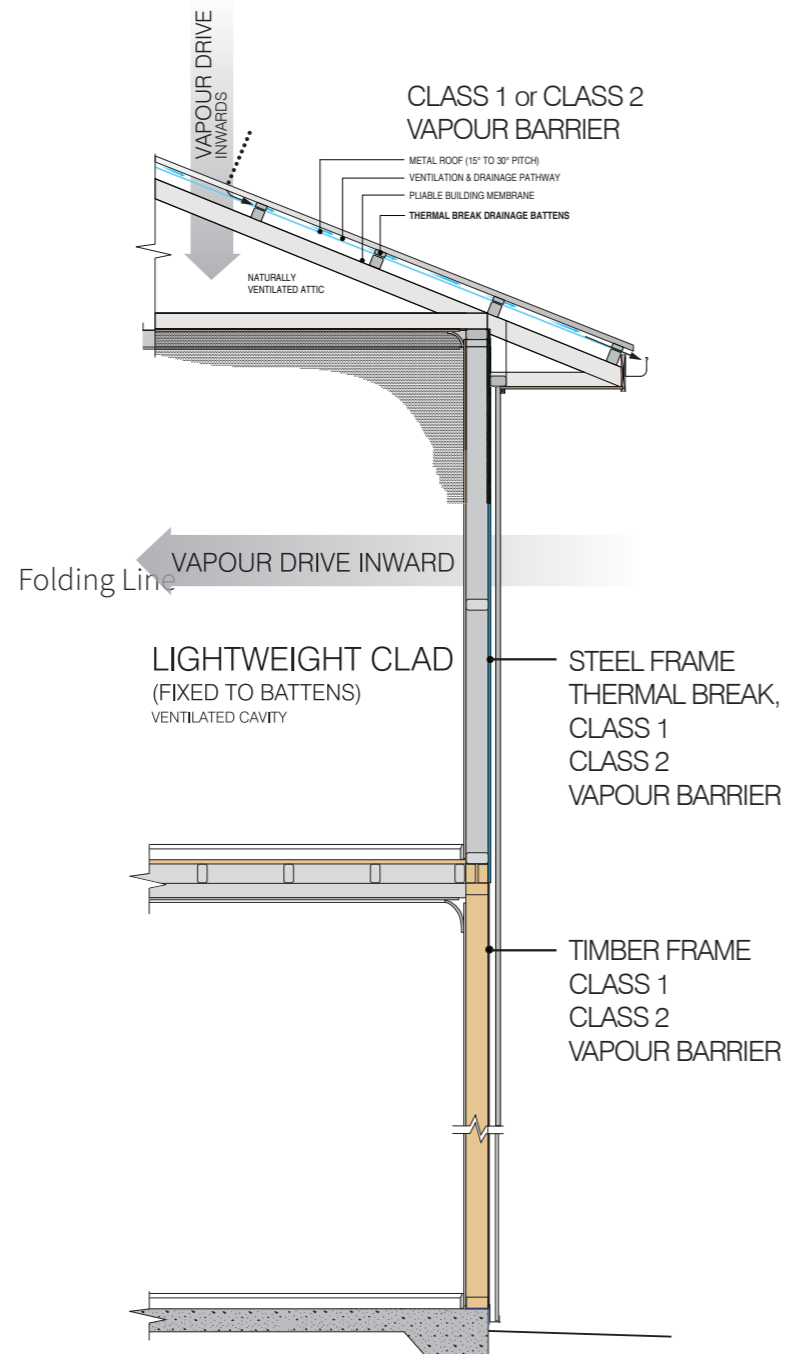


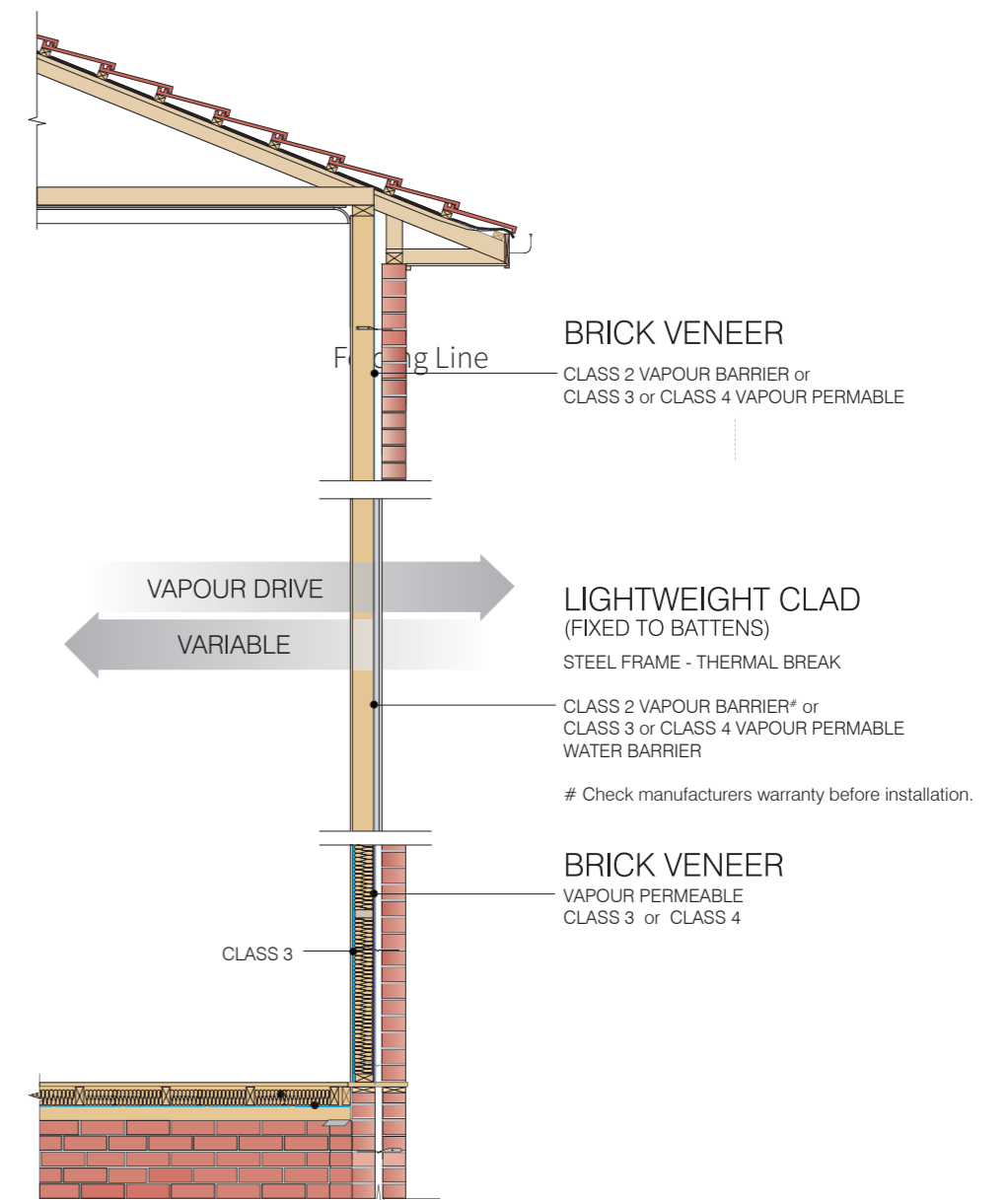
# Wet Tropics

## Vapour Drive Inward

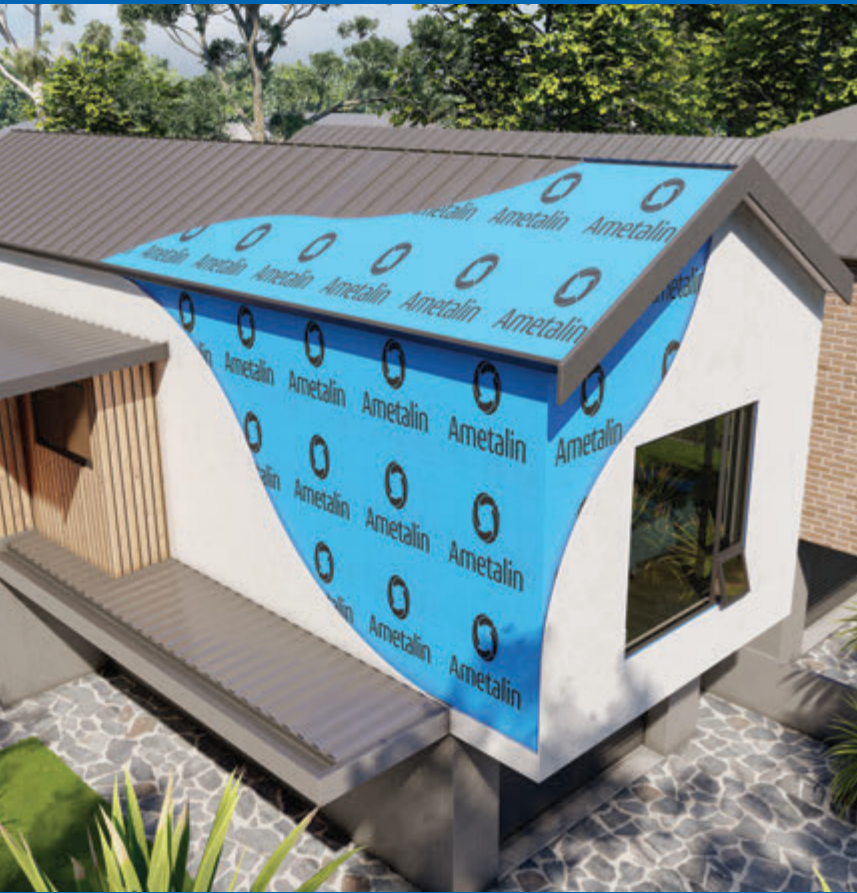


# Sub-Tropical

## Vapour Drive Variable



# ROOFS



# WALLS



## Sarking Insulation Selector

NCC 2022, ABCB CLIMATE ZONES 1 – 3

A guide for the easy selection of roof sarking, wall wraps and vapour permeable membranes for modern Australian Buildings, NCC 2022 - ABCB Climate Zones 1 - 3.

| NCC 2022 - Volume 1 and Volume 2 / Housing Provisions.  |                            |              |   |                   |          |
|---|----------------------------|--------------|---|-------------------|----------|
| ABCB Climate Zones  |                            |              |   |                   |          |
| 1   |                            | 2            |   | 3                 |          |
| Wet Tropics   |                            | Sub-tropical |   |                   |          |
| ROOFS   |                            |              | ROOFS   |                   |          |
| <b>For optimal performance, roof membranes should be sealed to the wall membrane.</b>   |                            |              | <b>For optimal performance, roof designs should include a minimum 20 mm ventilation path.</b> |                   |          |
| SilverSark® HVB   | :0206104                   |              | CeaseFire®  |                   | :0204882 |
| SilverSark® xR  | :0182013 :0812014          |              | SilverSark® xR  | :0182007          | :0812012 |
| SilverSark®   | :0182007 :0812012 :0182010 |              | SilverSark®   | :0182007 :0812012 | :0182010 |
| FireSark®   | :0106451                   |              | VapourTech® RWC   |                   | :0441508 |
| ThermalBreak®   | :0811234                   |              | <b>+ ThermalCav™ Drainage Batten</b>  |                   | :0501110 |
| ThermalLiner™   | :0811014 :0811014          |              | <b>+ Cavity™ Drainage Batten</b>  |                   | :0441505 |
|   |                            |              | ThermalBreak®   |                   | :0811234 |
|   |                            |              | ThermalLiner™   | :0811014          | :0811014 |
|   |                            |              | FireSark®   |                   | :0106451 |
| L.C. WALLS  |                            |              | L.C. WALLS  |                   |          |
| <b>Water Barrier Class 1 or Class 2 Vapour Barrier</b>  |                            |              | <b>Water Barrier, Class 2 Vapour Barrier or Class 3 or 4 Vapour Permeable</b>                 |                   |          |
| SilverSark® HVB   | :0206104                   |              | CeaseFire®  |                   | :0204882 |
| SilverSark® xR  | :0182013 :0812014          |              | VapourTech® RWC   |                   | :0441508 |
| SilverWrap®   | :0810104 :0810479 :0811067 |              | VapourTech® Wall  |                   | :0441507 |
| SilverSark®   | :0182007 :0812012 :0182010 |              | VapourTech® Brane® VHP  | :0811065          | :0038672 |
| FireSark®   | :0106451                   |              | SilverWrap® #   | :0810104 :0810479 | :0811067 |
| ThermalBreak®   | :0811234                   |              | SilverSark® xR #  | :0182007          | :0812012 |
| ThermalLiner™   | :0811014 :0811014          |              | SilverWrap xRS #  |                   |          |
|   |                            |              | ThermalBreak® #   |                   | :0811234 |
|   |                            |              | ThermalLiner™ #   | :0811014          | :0811014 |
| # <b>Lightweight Clad Walls:</b> Please check cladding manufacturer's requirements and warranty before installation under cladding. |                            |              |   |                   |          |
| BRICK VENEER & DRAINED CAVITY WALLS   |                            |              | BRICK VENEER & DRAINED CAVITY WALLS   |                   |          |
| <b>Class 1 or Class 2 Vapour Barrier</b>  |                            |              | <b>Class 2 Vapour Barrier or Class 3 or 4 Vapour Permeable</b>                                |                   |          |
| SilverSark® HVB   | :0206104                   |              | SilverWrap® xRS   |                   |          |
| SilverWrap® xRS   |                            |              | SilverWrap® xRS Micro-perforated  |                   |          |
| SilverSark® xR  | :0182013 :0812014          |              | SilverSark® xR  | :0182013          | :0812014 |
| SilverWrap®   | :0810104 :0810479 :0811067 |              | SilverWrap® xR HD Micro-perforated  |                   | :0811319 |
| SilverSark®   | :0182007 :0812012 :0182010 |              | SilverWrap®   | :0810104 :0810479 | :0811067 |
| FireSark®   | :0106451                   |              | SilverWrap® Micro-perforated  |                   | :0810105 |
| ThermalBreak®   | :0811234                   |              | VapourTech® Wall  |                   | :0441507 |
| ThermalLiner™   | :0811014 :0811014          |              | VapourTech® Brane® VHP  | :0811065          | :0038672 |
|   |                            |              | FireSark® Micro-perforated  |                   | :0106452 |



# Ametalin

Performance insulation for a greener world

## NCC2022 Whole of Home Net-Zero Ready Buildings

ABCB Climate Zones 1 - 3



### SilverSark® HVB

High Vapour Barrier | Air-Water-Barrier

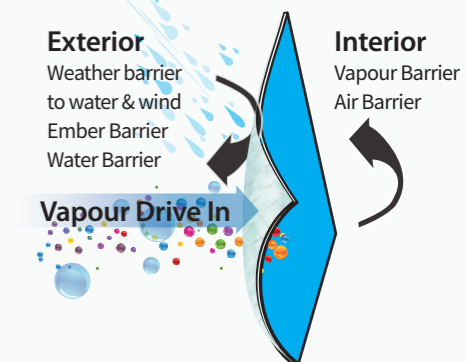
### SilverWrap® xRS

Extra R-value | Air-Water-Barrier

### VapourTech® Wall

Vapour Permeable | Water-Air-Barrier

### Cavity Drainage Battens



Performance insulation for a greener world  
 9-11 Playford Crescent Salisbury North SA 5108  
 T: +61 8 8285 6955 F: +61 8 8285 5911  
 E: info@ametalin.com W: ametalin.com



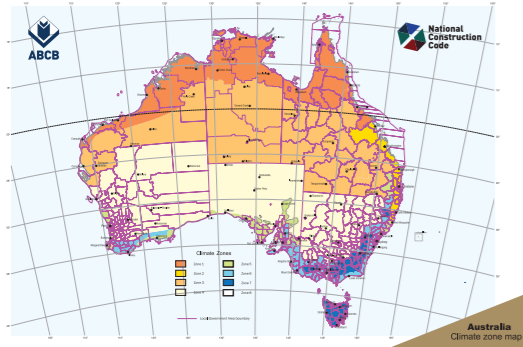
Building systems for thermal comfort, moisture management and energy efficiency.



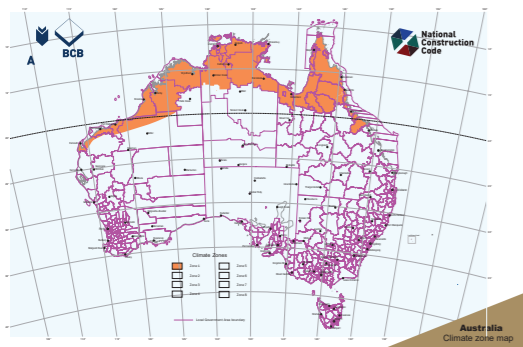
# Build to suit your climate zone.

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. There is no change for ABCB Climate Zones 1 - 3.**



**Refer to the *All you need to know* summary below and selection guide.**

## 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.

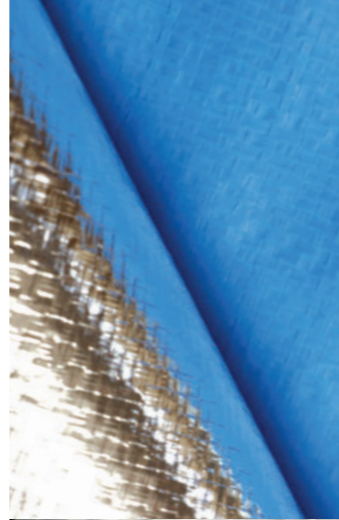
Class 4 Vapour Permeable wall wraps for climate zones 4 to 8, to the Class 4 Vapour permeable membrane CeaseFire—a Highly Fire Resistant, ember proof, air and water barrier —perfectly suited for all BAL's in lightweight clad to brick veneer constructions in a range of climates.



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



SilverSark® HVB

## SilverSark® HVB

**For use in residential and commercial buildings requiring High Vapour Barriers**

- Extra Heavy Duty
- Class 1 Vapour Barrier
- Air and Water Barrier
- Superior strength and puncture resistant
- Ideal for all BALs in bushfire-prone areas



SilverWrap® xRS

## SilverWrap® xRS

**For use in masonry veneer wall systems in residential and commercial buildings requiring High Vapour Barriers**

- Innovative reflective design, converts brick veneer steel-frame into timber-frame for NCC energy efficiency
- Class 1 Vapour Barrier, Air and Water Barrier
- Ideal for all BALs in bushfire-prone areas

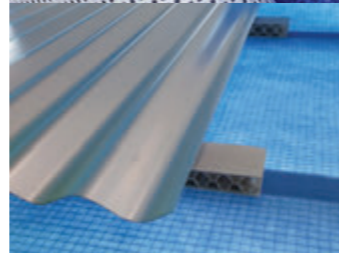


VapourTech® Wall

## VapourTech® Wall

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

- Class 4 Vapour Permeable, Air and Water Barrier
- Advanced weather barrier and vapour control membrane
- Triple layer construction for durability
- High wind load performance to 3.45 kPa
- Ideal for all BALs in bushfire-prone areas
- High UV resistance - up to 90 days



Cavity Drainage Battens™

## ThermalCav™ | Item: 0501110

**Cavity Drainage Battens | Item: 0441505**

- R<sub>f</sub> 0.26 in-situ thermal break & ventilation pathway
- R<sub>f</sub> 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