

InsulBubble™
REFLECTIVE INSULATION

**A fresh alternative
in bubble insulation**

...with loads more bubbles

Compliant with AS/NZS 4859.1 and BCA requirements where the total R-value is credible to ensure consumers get the performance they require.

InsulBubble™ can be used in a variety of residential and commercial applications to increase the thermal performance of the building and to act as a vapour barrier. The thermal performance of reflective foil insulation varies with application, orientation and installation method.

In these applications the benefits of using InsulBubble™ are as follows:

- Easy to install
- Superior finish to the underside when no ceiling is installed
- Meets requirements of flammability index <5 when tested to AS1530.2
- A reflective bubble insulation product from a company you can trust - Australian Made
- Can be used for wall and roof insulation
- Extra Heavy Duty Performance.



Compliant with AS/NZS 4859.1 and BCA requirements.

Consolidate your purchases.

InsulBubble™ 100 (Antiglare) and InsulBubble™ 200 (Non-Antiglare)

InsulBubble™ consists of a layer of polypropylene weave providing Extra Heavy Duty performance laminated to a fire retardant cell structure.

InsulBubble™ 100 is also coated with anti-glare ink for protection against sun glare.



Product	Product Code	Size	Thickness	m ² per roll
InsulBubble™ 100	395183	1350mm x 22.25m	4.5mm	30m ²
InsulBubble™ 200	395184	1350mm x 22.25m	4.5mm	30m ²

InsulBubble™ reflective insulation can be used as a roof and wall insulation material in most residential and commercial applications.

Installation Instructions

InsulBubble™ products must be installed in accordance with AS/NZS 4200.2 “Pliable building membranes and underlays – Installation requirements.”

To be effective as a reflective thermal insulation material, InsulBubble™ must be installed with a 40mm (minimum) sag between InsulBubble™ and the roof sheeting. The R-value (thermal resistance) can vary dramatically with variation.

When installed around external walls or under roofs, the foil requires a 150mm (minimum) overlap, each higher layer overlapping over the layer below. The product must be installed in such a way to prevent water from pooling. InsulBubble™ around external walls must be suitably fixed every 450mm on each stud.

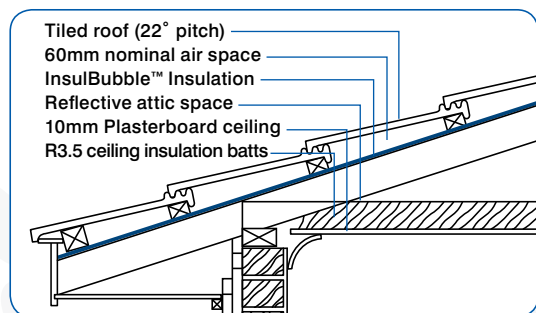
When installed as a vapour barrier all joints should be sealed with an adhesive suitable for aluminium foil or taped with an approved Fletcher Insulation™ foil tape. A vapour barrier should be installed in conjunction with Pink Batts® or Insulco Fat Batts®, or a Fletcher Insulation™ blanket to control condensation.

Where the foil product contains a blue Antiglare coating on one face it should be installed facing outwards to provide glare protection when fixing the roof or external wall cladding.

InsulBubble™ can be easily cut with the use of a sharp knife.

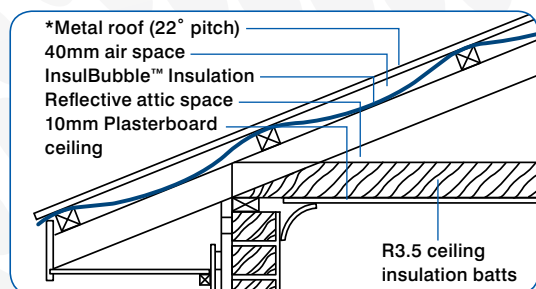
WARNING: Ensure that all electrical cabling, fittings and wiring is in a safe condition and there is no potential for contact with live wiring or down-lights.

Roof Applications



Residential Tiled Pitched Roof (Standard Flat Ceiling)

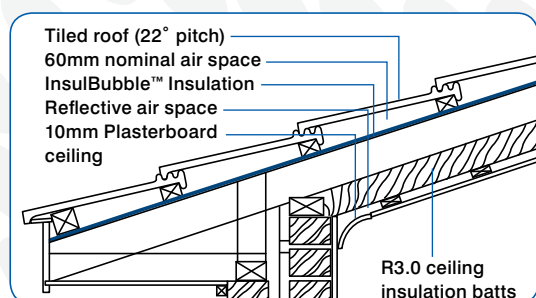
Ventilation	Air Space (nominal)	InsulBubble™ 100	
		Summer	Winter
Yes	60mm	R2.1	R1.0
No	60mm	R1.9	R1.2
With R3.5 Ceiling Insulation Batts			
Yes	60mm	R5.5	R4.7
No	60mm	R5.3	R4.9



Residential Metal Pitched Roof (Standard Flat Ceiling)

Ventilation	Air Space (nominal)	InsulBubble™ 100	
		Summer	Winter
Yes	40mm	R2.6	R1.2
No	40mm	R2.3	R1.4
With R3.5 Ceiling Insulation Batts			
Yes	40mm	R5.8	R4.8
No	40mm	R5.5	R5.1

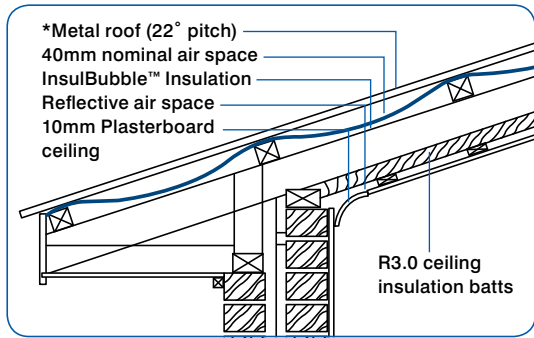
*Metal roof must be sealed; when not sealed reduce total R-value by R0.05



Residential Pitched Tiled Roof (Raked Cathedral Ceiling)

Ventilation	Air Space (nominal)	InsulBubble™ 100	
		Summer	Winter
No	60mm	R2.0	R1.2
With R3.0 Ceiling Insulation Batts			
No	60mm	R5.1	R4.4

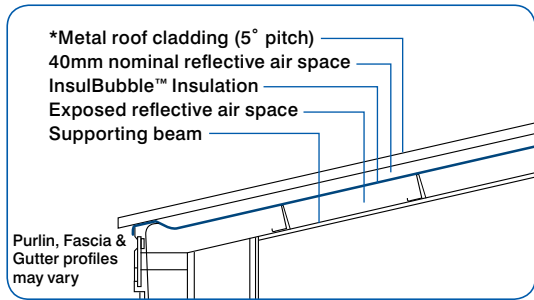
Roof Applications



Residential Pitched Metal Roof (Raked Cathedral Ceiling)

Ventilation	Air Space (nominal)	InsulBubble™ 100	
		Summer	Winter
No	40mm	R2.5	R1.4
With R3.0 Ceiling Insulation Batt's			
No	40mm	R5.4	R4.6

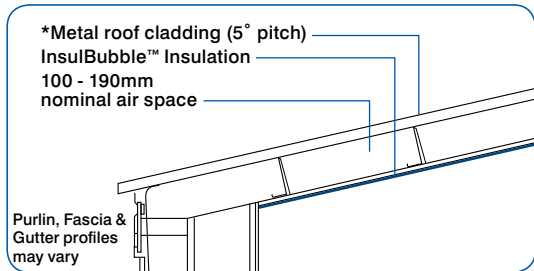
*Metal roof must be sealed; when not sealed reduce total R-value by R0.05



Commercial Warehouse Metal Roof (with no Ceiling)

Ventilation	Air Space (nominal)	InsulBubble™ 100	
		Summer	Winter
Yes	40mm	R1.8	R0.8

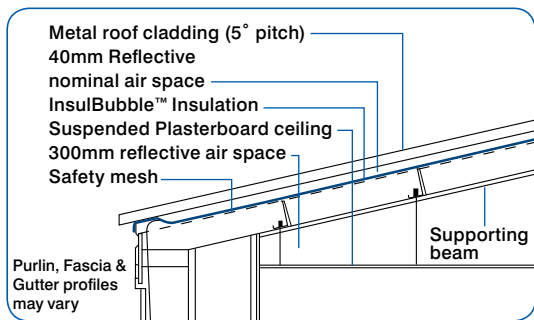
*Metal roof must be sealed; when not sealed reduce total R-value by R0.05



Commercial Warehouse Roof Retrofit (with no Ceiling)

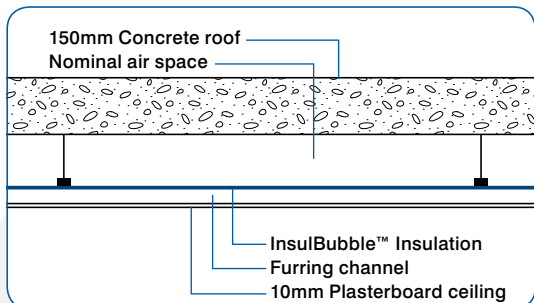
Ventilation	Air Space (nominal)	InsulBubble™ 100		InsulBubble™ 200	
		Summer	Winter	Summer	Winter
No	100 - 190mm	R2.2	R0.9	R2.6	R0.9

*Metal roof must be sealed; when not sealed reduce total R-value by R0.05



Commercial Office Metal Roof (with Ceiling)

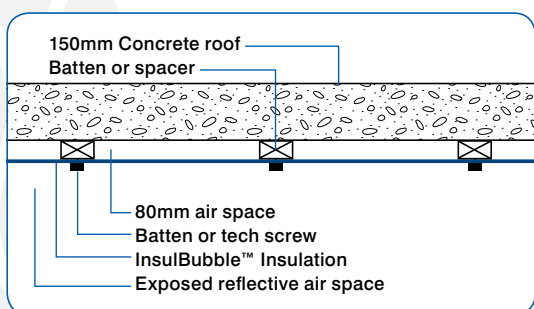
Ventilation	Air Space (nominal)	InsulBubble™ 100	
		Summer	Winter
No	40mm	R3.5	R1.2



Commercial Concrete Roof (with Ceiling)

Nominal Air Space	Furring Channel	InsulBubble™ 200	
		Summer	Winter
100 - 1200mm	16mm	R2.8	R1.5
100 - 1200mm	28mm	R3.2	R1.5

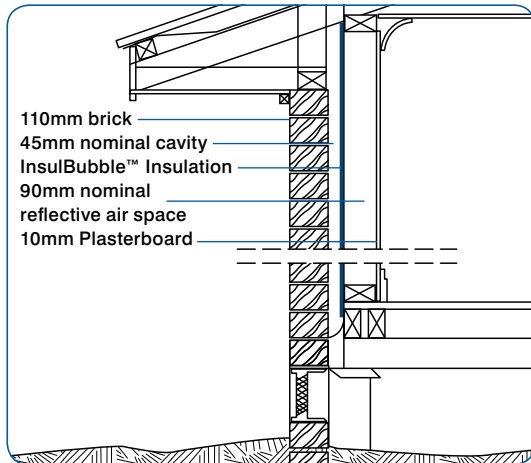
Non-Ventilated



Commercial Concrete Roof (with no Ceiling)

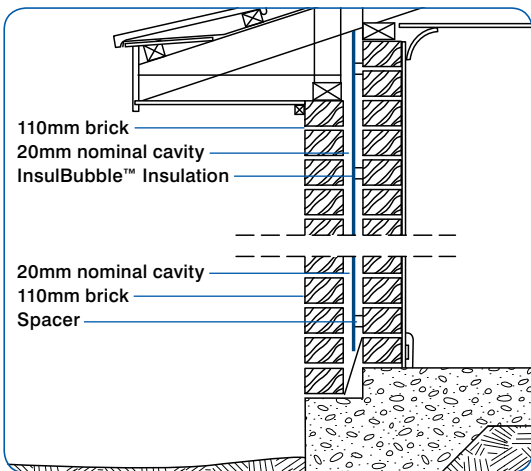
Ventilation	Air Space (nominal)	InsulBubble™ 200	
		Summer	Winter
No	80mm	R2.8	R1.1

Wall Applications



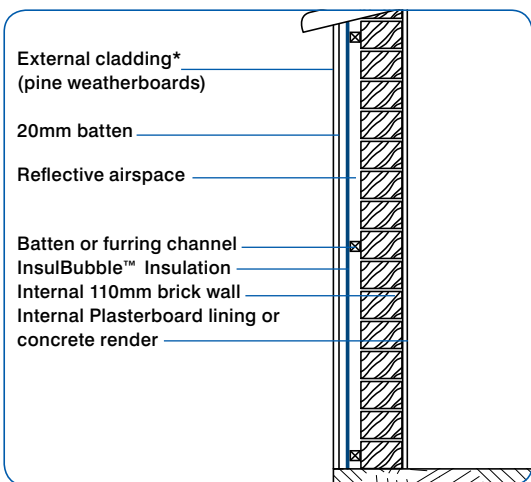
Residential Brick Veneer Wall

InsulBubble™ 100	
Summer	Winter
R1.8	R2.0



Residential Double Brick Wall

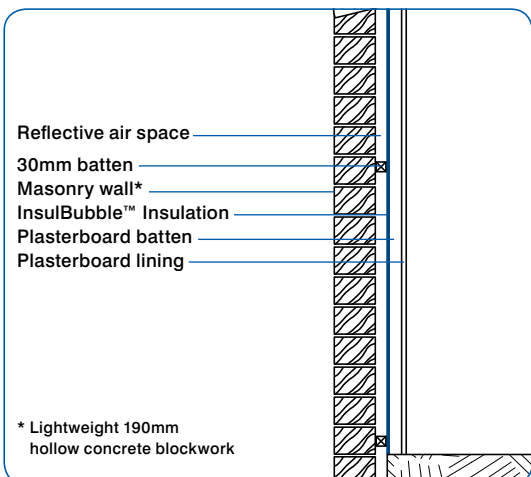
InsulBubble™ 100	
Summer	Winter
R1.9	R2.0



Residential Reverse Brick Veneer Wall

InsulBubble™ 100	
Summer	Winter
R1.4	R1.5

* For 6mm cement sheet, subtract R0.062

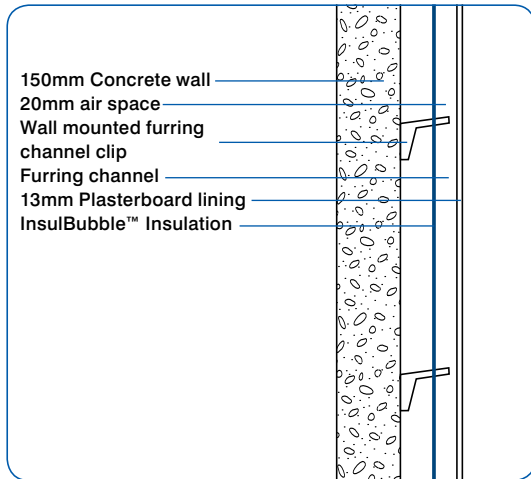


Residential Masonry Block Wall

InsulBubble™ 200	
Summer	Winter
R1.9	R2.2

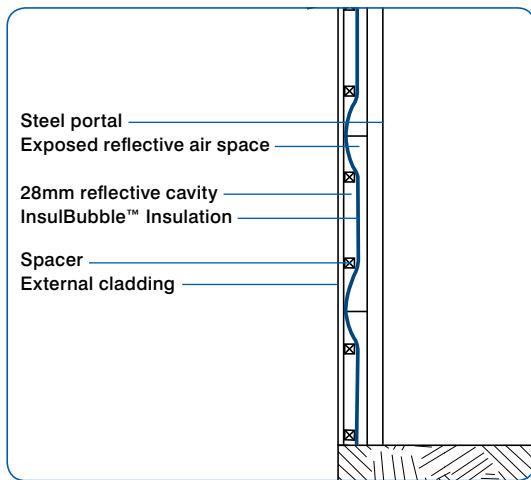
* Lightweight 190mm hollow concrete blockwork

Wall Applications



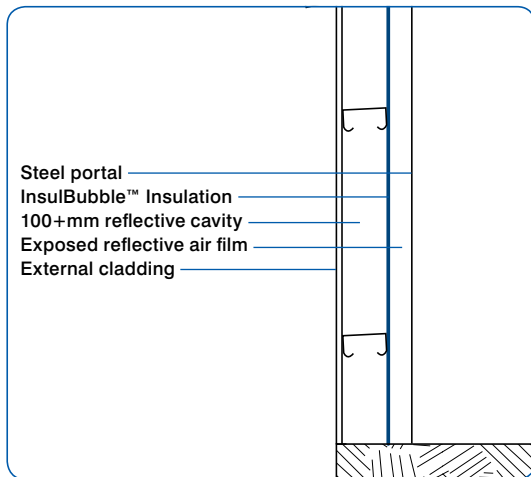
Commercial/Multi-Residential Concrete Wall

Furring Channel	InsulBubble™ 200	
	Summer	Winter
16mm	R1.6	R1.8
28mm	R1.8	R2.0



Commercial Warehouse Metal Clad Wall

InsulBubble™ 100		InsulBubble™ 200	
Summer	Winter	Summer	Winter
R1.0	R1.2	R1.0	R1.2



Commercial Warehouse Wall (Retrofit)

InsulBubble™ 200	
Summer	Winter
R1.1	R1.2