

# insulroof

by BONDOR  
Insulated Corrugated



**Colorbond**<sup>®</sup>  
THE COLOURS OF AUSTRALIA SINCE 1966

**BONDOR**<sup>®</sup>  
Leaders in Thermal & Architectural Building Solutions

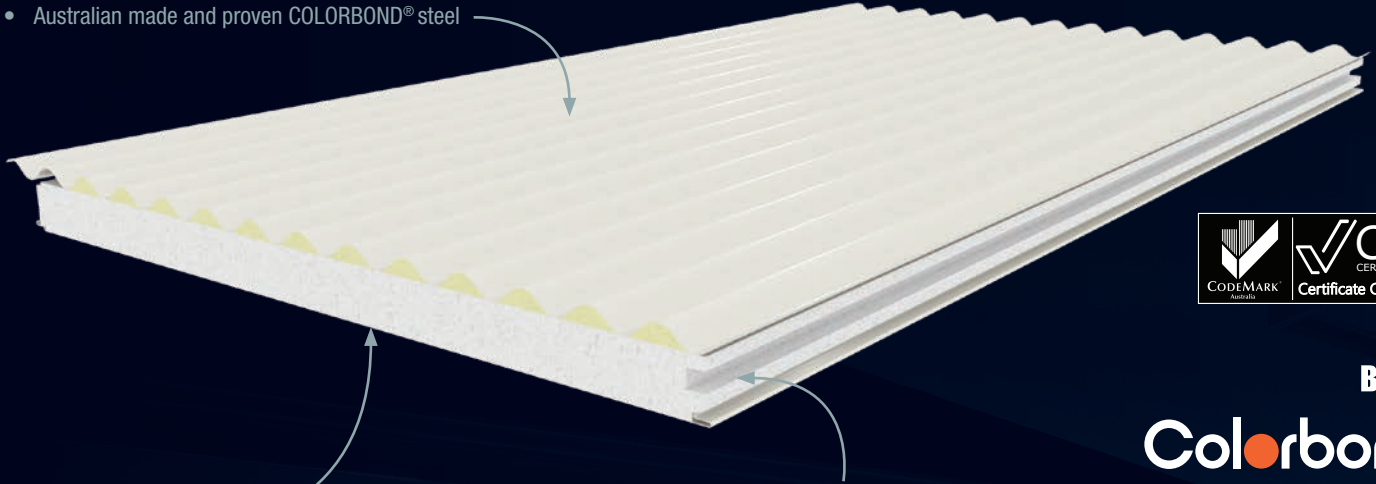
Patios with Comfort and Style

# InsulRoof's Cool or Cosy 3 Layered Roofing System

insulroof®  
by BONDOR

## Roofing Layer

- Next-Gen corrugated classic roof profile (min. 5° pitch)
- Available in thermally efficient and modern colours
- Australian made and proven COLORBOND® steel



BAL40

Colorbond®

## Ceiling Layer

- Ceiling underside available in COLORBOND® steel Surfemist® or Classic Cream™\*
- Two ceiling finish options in Plain or VJ
- Low maintenance and durable COLORBOND® steel

## Insulation Layer

- SupaCore® dual insulation with CorePlus® EPS-FR for superior thermal performance
- Choose from 50mm (R1.40), 75 (R2.00), 100 (R2.60), 125, (R3.20), 150 (R3.80), 200 (R5.05) core thicknesses. R-Value insulation is based on average temperature of 23°C. Contact us for other temperatures and different EPS-FR core grades.
- Service cabling ducts for ceiling lights and fans

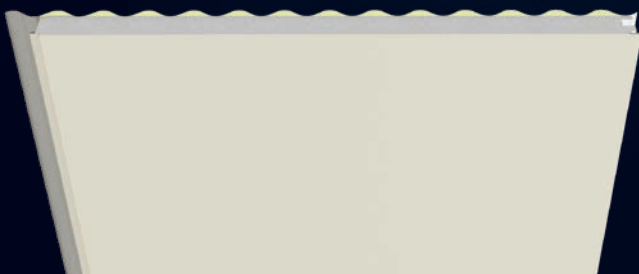
## Roof Colour Range

InsulRoof's colour range has been rigorously tested and hand picked with the support of BlueScope® Steel to offer roofing colours with the best thermal performance, made tough for Australian conditions.



## Ceiling Finishes

InsulRoof's ceiling layer is made from proven BlueScope COLORBOND® steel, available pre-finished in Surfemist® (Off White) or Classic Cream™\*. Select from two popular ceiling underside finishes in either Plain or VJ\* that complement the home and offer stylish design options for your outdoor area.



### Plain - Contemporary Look

'Plain' modern ceiling finish is a popular smooth ceiling surface option that embodies contemporary design, suitable for the modern home.



### VJ - Heritage Look

VJ delivers a ceiling look with distinct lines that emulates the look and feel of a heritage style home.

\* Conditions may apply.

\*\*\* CodeMark Disclaimer: The technical information contained in this document cover a breadth of applications where InsulRoof® may be used, which may be outside the scope of our CodeMark certificate. Data specific can be found on CodeMark certification.

^Darker roof colours may be warranted for use in limited regions check [www.solarspan.com.au](http://www.solarspan.com.au) for details on InsulRoof® warranty.



## Affordable, Simple and Attractive

InsulRoof® is the next generation in corrugated roofing for home improvement and residential projects, delivering an ingenious combination of roofing, insulation and ceiling in one durable, functional and attractive structural panel. This all-in-one roofing features the innovative and patented dual layer SupaCore® insulation for better thermal performance and additional comfort to your home or outdoor living area.

## The InsulRoof® Advantage



Blocks Heat



Extend & Add Value  
to your home



Deadens Noise



Low Maintenance



Serviceable



Long spans create a  
clean & flush ceiling finish



Strong & Durable  
COLORBOND® Steel



20 Year Manufacturer's  
Warranty on Patios & Pergolas



Versatile Design  
Options



Comfortable Day or Night,  
all year round

# InsulRoof® Span Table - Domestic Patios Span Table (mm)

Case A 3 Open Sides	Case B 2 Open Sides	Case C 1 Open Side	Case D Fully Enclosed	Case E Free Standing

Wind Classification	Panel Thickness (mm)	Case A 3 Open Sides			Case B 2 Open Sides			Case C 1 Open Side			Case D Fully Enclosed			Case E Free Standing		
		Max. Single Span	Max. Multi-span	Max. Overhang	Max. Single Span	Max. Multi-span	Max. Overhang	Max. Single Span	Max. Multi-span	Max. Overhang	Max. Single Span	Max. Multi-span	Max. Overhang	Max. Single Span	Max. Multi-span	Max. Overhang
		b	b, c	a	b	b, c	a	b	b, c	a	b	b, c	a	b	b, c	a
N1	50	6000	4800	1500	5850	4800	1450	5250	4800	1300	5500	4600	1400	6000	4800	1500
	75	7150	4800	1800	6950	4800	1750	6250	4800	1550	6550	4800	1650	7150	4800	1800
	100	8150	6400	2050	7950	6400	2000	7150	6400	1800	7500	6000	1900	8150	6400	2050
	125	9000	7200	2250	8800	7400	2200	7900	7400	2000	8350	7000	2100	9000	7400	2250
	150	9850	8000	2450	9650	8000	2400	8650	8000	2150	9100	7600	2300	9850	8000	2450
N2	200	11300	9000	2850	11100	9200	2800	9950	9200	2500	10500	8800	2650	11300	9200	2850
	50	5600	4400	1400	4850	4600	1200	4350	4600	1100	4550	4200	1150	5600	4600	1400
	75	7100	4800	1800	5750	4800	1450	5200	4800	1300	5350	4800	1350	7100	4800	1800
	100	7700	6000	1950	6600	6000	1650	5950	6000	1500	5690	5800	1400	7700	6200	1950
	125	8300	6600	2100	7300	7000	1850	6600	7000	1650	6400	6400	1600	8500	7000	2150
N3	150	9100	7200	2300	7950	7600	2000	7200	7600	1800	6900	7000	1750	9100	7600	2300
	200	10100	8400	2550	9150	8600	2300	8250	8600	2050	7800	8000	1950	10100	8600	2550
	50	5000	3800	1250	3800	3800	950	3450	3200	850	3600	3600	900	5350	4000	1350
	75	6000	4600	1500	4500	4600	1150	4100	4600	1050	4300	4400	1100	6400	4600	1600
	100	6800	5200	1700	5150	5200	1300	4650	5200	1150	4900	5000	1250	7300	5400	1850
N4	125	7550	5800	1900	5700	6000	1450	5150	6000	1300	5400	5400	1350	8100	6000	2050
	150	8250	6400	2050	6200	6600	1550	5650	6600	1400	5900	6000	1500	8850	6600	2200
	200	9500	7200	2400	7150	7600	1800	6500	7400	1650	6800	6800	1700	10200	7600	2550
	50	4000	3000	1000	3050	2600	750	2800	2000	700	2900	2200	750	4300	3400	1100
	75	4800	4000	1200	3650	3800	900	3300	3200	850	3450	3400	850	5100	4200	1300
C1	100	5450	4600	1350	4150	4400	1050	3800	4200	950	3950	4200	1000	5850	4800	1450
	125	6050	5000	1500	4600	4800	1150	4200	4800	1050	4400	4600	1100	6450	5200	1600
	150	6600	5400	1650	5050	5200	1250	4550	5200	1150	4800	5200	1200	7050	5800	1750
	200	7600	6200	1900	5750	6600	1450	5250	5800	1300	5500	5800	1400	8100	6600	2050
	50	4250	3900	1050	3650	3900	900	3300	3200	850	3000	3600	750	4450	4000	1100
C2	75	5050	4600	1250	4350	4800	1100	3950	4000	1000	3600	4400	900	5300	4800	1350
	100	5700	5300	1450	4950	5100	1250	4500	4200	1150	4100	4600	1050	6000	5500	1500
	125	6350	5800	1600	5500	5100	1400	5000	4200	1250	4550	4600	1150	6650	6100	1650
	150	6900	6400	1750	6000	6600	1500	5450	5400	1350	4950	5900	1250	7250	6600	1800
	200	7850	7300	1950	6900	7600	1750	6250	6400	1550	5700	6900	1450	8250	7600	2050
C3	50	3550	3100	900	2950	2600	750	2700	2100	700	2450	2300	600	3750	3400	950
	75	4250	4000	1050	3550	3200	900	3200	2600	800	2900	2900	750	4450	4200	1100
	100	4800	4600	1200	4000	3300	1000	3650	2700	900	3350	3000	850	5050	4800	1250
	125	5300	5100	1350	4450	3300	1100	4050	2700	1000	3700	3000	950	5600	5300	1400
	150	5800	5500	1450	4850	4300	1200	4400	3500	1100	4000	3900	1000	6100	5800	1550
C3	200	6600	6300	1650	5600	5100	1400	5050	4200	1250	4600	4600	1150	6950	6600	1750
	50	2950	2300	750	2400	1700	600	2200	-	550	2000	1600	500	3150	2500	800
	75	3550	3400	900	2900	2100	750	2650	1800	650	2400	1900	600	3750	3600	950
	100	4000	3900	1000	3300	2200	850	3000	1800	750	2750	2000	700	4250	4100	1050
	125	4450	3900	1100	3650	2200	900	3300	1800	850	3000	2000	750	4700	4300	1200
150	4850	4700	1200	3950	2900	1000	3600	2400	900	3300	2600	850	5100	5000	1300	
200	5550	5400	1400	4550	3400	1150	4150	2800	1050	3800	3100	950	5850	5700	1450	

Note: 1. Applies to patios attached to highest and lowest houses only. 2. The overhang must not exceed 25% of the immediate backspan. 3. With a full-width panel measuring 1000mm, the maximum allowable side and corner overhang is 450mm. 4. In the case of free-standing awnings, it is permissible to utilize 'Case A - 3 Open Sides', as long as it is not blocked under. 5. A deflection limit of Span/150 has been allowed for. 6. Dead loads of up to 15kg/m<sup>2</sup> are permissible. 7. A concentrated load of 1.1kN for incidental and maintenance has been allowed for each span. It is important to avoid stepping on the ribs. Live loads are not permitted on overhangs.

## Experience

Bondor® has over 65 years of experience in the insulated panel industry and are one of the largest innovators of insulated products in the world.

Bondor® introduced insulated roofing to the Australian market 30 years ago offering an innovative insulated roofing product during 'Expo 88'. Bondor® has continued to lead innovation and now produces InsulRoof® across Australia with the latest in computerised laminating, roll-forming and cutting machinery.

## InsulRoof's 20 Year Written Warranty

Bondor® have been producing insulated panel for over 65 years and have such confidence in their product that they offer a 20 year written manufacturer's warranty on InsulRoof® for patio & pergola home improvement applications.



InsulRoof® is readily available, with Bondor® manufacturing and distribution facilities across Australia.

## Quality

Bondor® stands by InsulRoof® as the best quality insulated roof on the market and refuse to compromise on quality or your investment.

Manufactured with dual layers of Australian made next generation COLORBOND® steel with leading paint technology and activate corrosion protection, InsulRoof® prides itself on manufacturing nationally using Australian made and compliant materials.

InsulRoof® is designed and rigorously tested in certified labs to meet the Australian Standards and withstand our harsh climate, UV exposure and cyclonic wind conditions.

## Confidence

Bondor's experience and quality assurance gives customers the confidence that they can enjoy their insulated roof for many years without concern.

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by BONDOR

www.bondor.com.au  
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