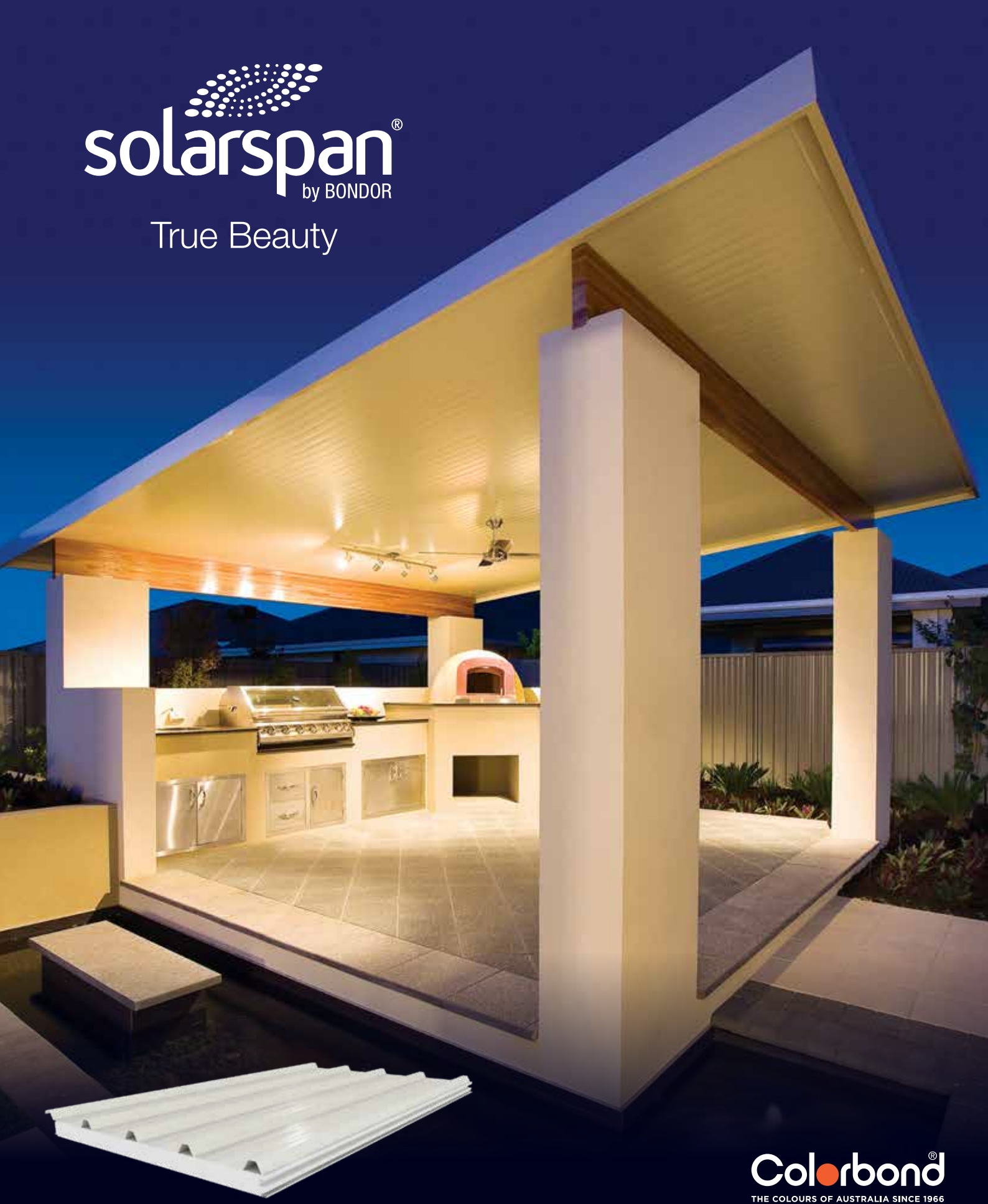
solarspan® by BONDOR

True Beauty



Colorbond®

THE COLOURS OF AUSTRALIA SINCE 1966

BONDOR®

Leaders in Thermal & Architectural Building Solutions

Patios with Comfort and Style

SolarSpan® by Bondor®

Affordable, Simple and Attractive

'The Original' Insulated Patio Roof, SolarSpan® is an ingenious combination of roofing, insulation and ceiling in one durable, functional and attractive panel. This all-in-one roofing solution has exciting design possibilities and countless benefits for your outdoor living area. SolarSpan® will improve your lifestyle and add value to your home with the least amount of effort.

The SolarSpan® 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

solarspan® by BONDOR

Smart ideas to beautifully complement your home

No Area Too Small

Enclosed Extension

Carports

Outdoor Dining

Roof Styles

Two Storey

Attached Skillion

Fly Over

Freestanding

Carport

Free Standing

A free standing patio design offers an oasis away from the home positioned in front of a pool or a cosy spot in the yard perfect for weekend gatherings, family events or regular outdoor dining. Your SolarSpan® patio designer and installer can offer a gable or skillion roof design for a free standing patio with a variety of exciting beam and post options to complement your home.

Fly Over

A SolarSpan® fly over roof creates an impressive open living area with high ceilings for additional head room, air flow, day light and unrestricted views. Create architecturally pleasing roof lines to enhance your home and breathe new life into an existing deck or patio with new found space and added comfort all year round.

Gable

Create a grand opening to your outdoor living area with a SolarSpan® gable roof whilst giving your patio additional height and ventilation of hot air.
A variety of gable infill and beam options are available from your SolarSpan® patio designer and installer to deliver an exciting patio design.

Attached Skillion

For a quick, simple and cost effective addition to any home SolarSpan's attached skillion roof will extend your living area, provide a multi-use carport, boat port or general cover area which will protect you and your most valuable possessions from the heat and cold. Your SolarSpan® designer and installer will be able to assist you design the perfect under cover area adding value to any outdoor area of your home.

The ultimate in Patio & Pergola design options

A SolarSpan® outdoor shaded living area offers the ultimate freedom in design. Select from a wide choice of modern Colorbond® steel colours for your SolarSpan® roof, unique ceiling profiles, designer roofing accessories in Colorbond® and a selection of stylish posts and beams available in prepainted steel, aluminium or stained timber.

SolarSpan® creates wide open spaces with a ceiling-like finish due to its long unsupported spans. This allows home owners to further customise their design with ceiling accessories such as downlights, fans and other lighting solutions.

SolarSpan® truly allows you to create functional and beautiful outdoor living areas that complement your home and improve your outdoor lifestyle.

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Genuine Colorbond® roofing accessories and gutters

Full range of lighting solutions

Designer structural beams to suit your application

Variety of post and column options

Fans and ceiling accessories easily added

SolarSpan® approved UltraSlim 9W Downlight Kit

SolarSpan® offers a recessed downlight kit for use in insulated roofing, tested to conform to strict Australian Standards for compliance peace of mind. Custom designed for Bondor® roofing products, unique features include a slim profile light to maximise insulation, IP54 rating for outdoor and indoor use, flush fit surface cover with ultra bright LED technology and low heat emission. Our downlight kits are available in a choice of warm or cool light colour, two trim cover options and include up to 12m of easy connect extender cabling for simple installation.

Note, that off-the-shelf standard downlights may not conform to Australian Standards for use in insulated roofing and professional advice is recommended.

For more information, see the SolarSpan® UltraSlim 9W LED Downlight guide for inclusions and technical specifications, including a lighting layout guide.

Don't risk it.

Ask your installer to supply only SolarSpan® 9W UltraSlim downlights approved for use in Bondor® roofing products, including 50mm thick SolarSpan®, which are tested and conform to Australian Standards.

SolarSpan's Cool or Cosy 3 Layered Roofing System

Roofing Layer

- Superior low pitch of 2° minimum
- Available in thermally efficient and modern colours
- Australian made and proven Colorbond® steel

CodeMark Certificate CM40145

BAL40

Ceiling Layer

- Ceiling underside available in Colorbond® steel Surfmist® or Classic Cream™*
- Two ceiling finish options in Plain or Elegance
- Low maintenance and durable Colorbond® steel

Insulation Layer

- Outstanding thermal performance with CorePlus® EPS-FR Insulation
- Choose from 50 (R1.4), 75 (R2.1), 100 (R2.7), 125, (R3.3), 150 (R3.9), 200 (R5.2) core thicknesses
- Service cabling ducts for ceiling lights and fans

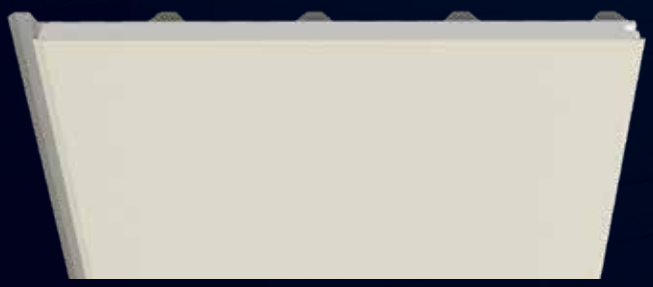
Roof Colour Range

SolarSpan'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.

Surfmist®	Paperbark®	Classic Cream™	Pale Eucalypt®	Manor Red®**	Dune®	Shale Grey®	Basalt®^	Woodland Grey®^

Ceiling Finishes

SolarSpan's ceiling layer is made from proven BlueScope Colorbond® steel, available pre-finished in Surfmist® (Off White) or Classic Cream™*. Select from two popular ceiling underside finishes in either Plain or Elegance* 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.

Elegance* - Heritage Look

'Elegance' heritage ceiling finish delivers a 'VJ' look with distinct lines that emulate the look and feel of a heritage style home.

** Conditions may apply.*
*** Limited availability.*
^ Darker colours warranted for use in limited regions. Check with your local SolarSpan® dealer for more information.

Why SolarSpan®?

Genuine Warranty

20 YEARS

An industry leading 20 year manufacturer's Warranty for SolarSpan® home improvement patio projects.

Genuine Australian Steel

Colorbond® THE COLOURS OF AUSTRALIA SINCE 1966

SolarSpan® is manufactured using two layers of genuine Colorbond steel with ACTIVATE Technology, warranted for low pitch roofing (2°).

Advanced Core Technology

CorePlus® INSULATION

For over 25 years, SolarSpan® has been made using unique CorePlus® Insulation with DeterANT technology for improved performance.

Custom Designed Accessories

A full range of specially designed accessories, including lighting options, for use with SolarSpan® makes installation a breeze.

Trusted Suppliers

STEEL BLUESCOPE SUPPLIED BY

Manufactured using only BlueScope® Steel for our panel skins ensures quality Australian steel products and transparent and reliable warranties.

Australian Standards

AS/NZ NATA

Industry leading span lengths achieved by rigorous physical lab tests by NATA certified labs to Australian Standards.

Accredited Products

CODEMARK™

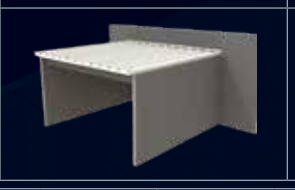
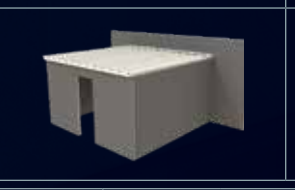
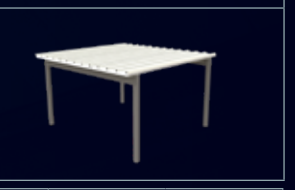
CodeMark™ provides confidence and certainty to regulatory authorities and the market requirements of the NCC.

Harsh Environment

BAL40

Conforms to a Bushfire Attack Level (BAL) rating of BAL40 for use as roofing with the use of BAL accessories and installation requirements.

SolarSpan® Span Table - Domestic Patios Single Spans (mm)

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

		Case A 3 Open Sides		Case B 2 Open Sides		Case C 1 Open Side		Case D Fully Enclosed		Case E Free Standing	
		A	B	A	B	A	B	A	B	A	B
Wind Category	Panel Thickness (mm)	Max. Span	Max. Overhang	Max. Span	Max. Overhang	Max. Span	Max. Overhang	Max. Span	Max. Overhang	Max. Span	Max. Overhang
N1	50	5600	1400	5550	1400	5000	1250	5250	1300	5600	1400
	75	7100	1800	6500	1650	5850	1450	6150	1550	7100	1800
	100	8000	2000	7350	1850	6650	1650	6950	1750	8000	2000
	125	8750	2200	8150	2050	7350	1850	7700	1950	8700	2200
	150	9500	2400	8850	2200	7950	2000	8400	2100	9500	2400
	200	10750	2700	10150	2550	9100	2300	9600	2400	10750	2700
N2	50	5600	1400	4600	1150	4150	1050	4350	1100	5600	1400
	75	6850	1700	5400	1350	4900	1250	5150	1300	7100	1800
	100	7700	1950	6100	1550	5550	1400	5800	1450	8000	2000
	125	8300	2100	6750	1700	6100	1550	6400	1600	8700	2200
	150	9100	2300	7350	1850	6650	1650	6950	1750	9500	2400
	200	10100	2550	8400	2100	7600	1900	7950	2000	10500	2650
N3	50	4850	1200	3600	900	3300	850	3450	850	5100	1300
	75	5700	1450	4250	1050	3850	950	4050	1000	6000	1500
	100	6400	1600	4800	1200	4350	1100	4550	1150	6750	1700
	125	7050	1750	5300	1350	4800	1200	5050	1250	7400	1850
	150	7650	1900	5750	1450	5200	1300	5450	1350	8000	2000
	200	8650	2150	6550	1650	5950	1500	6250	1550	9100	2300
N4	50	3900	1000	2950	750	2700	700	2800	700	4100	1050
	75	4550	1150	3450	850	3150	800	3300	850	4800	1200
	100	5150	1300	3900	1000	3550	900	3700	950	5450	1350
	125	5700	1450	4300	1100	3900	1000	4100	1050	6000	1500
	150	6200	1550	4650	1150	4250	1050	4450	1100	6500	1650
	200	7050	1750	5300	1350	4850	1200	5050	1250	7450	1850
C1	50	4900	900	3600	900	3300	800	2600	600	4900	900
	75	5900	1200	4600	1100	3900	900	3100	700	5900	1200
	100	6900	1300	5000	1200	4500	1000	3700	900	6900	1300
	125	7700	1400	5600	1300	5100	1100	4100	1000	7700	1400
	150	8800	1400	6600	1400	5900	1400	6200	1400	8800	1400
C2	50	4000	800	2900	600	2700	600	2000	450	4000	800
	75	4800	1000	3500	700	3100	700	2000	500	4800	1000
	100	5600	1100	4100	800	3700	800	2700	600	5600	1100
	125	6300	1200	4600	900	4200	900	3000	700	6300	1200
	150	7100	1400	5300	1300	4800	1200	5100	1200	7100	1400
C3	50	3300	800	2400	600	2000	450	N/A	N/A	3300	800
	75	4000	1000	2500	600	2100	500	N/A	N/A	4000	1000
	100	4600	1100	3300	800	2800	600	1900	450	4600	1100
	125	5200	1200	3700	900	3100	700	2000	500	5200	1200
	150	5700	1400	4300	1000	3900	900	4100	1000	5700	1400

Note:
1. Applies to SolarSpan patio covers attached to highset and lowset houses only.
2. Overhangs must not exceed immediate backspan by 25%.
3. For free-standing awnings it is acceptable to use 'Case A - 3 Open Sides', given that it is not blocked under.
4. The design for supporting members of free-standing awnings, including beams, posts and footings, need to be checked separately for strength, serviceability and stability.
5. No dead loads allowed.
6. Span to be reduced by 10% when using SolarSpan® Naturelite® skylight.
7. Minimum of two full SolarSpan® panels between SolarSpan® Naturelite® skylight.
8. No foot-traffic on SolarSpan® Naturelite® skylight.
9. SolarSpan® Naturelite® skylight only acceptable in Non-Cyclonic regions. SolarSpan® Naturelite® skylight not to be used in Cyclonic regions.

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 SolarSpan® across Australia with the latest in computerised laminating, roll-forming and cutting machinery.

SolarSpan's 15 Year Written Warranty

Bondor® have been producing insulated panel for over 65 years and have such confidence in their product that they offer a 15 year written manufacturer's warranty on SolarSpan® for patio & pergola home improvement applications.

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

Quality

Bondor® stands by SolarSpan® 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, SolarSpan® prides itself on manufacturing nationally using Australian made and compliant materials.

SolarSpan® 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.

solarspan® by BONDOR

www.solarspan.com.au

1800 763 707

*SolarSpan® Standard Warranty and BlueScope Steel conditions apply. Metecno Pty Limited. ABN 44 096 402 934. The manufacturer reserves the right to change the specification without notice. Bondor® and SolarSpan® are trademarks of Metecno Pty Limited. BlueScope, Colorbond®, Permagard® and colour names are trademarks of BlueScope Steel Limited. The colours shown in this publication have been reproduced to represent actual product colours as accurately as possible. However, given printing limitations, we recommend checking your chosen colour against an actual sample before placing orders. This advice is of a general nature only. Designers must provide for adequate structural performance and other Building Code requirements. This information is subject to change. Refer to Bondor® website for latest version. Consult Bondor® for your application.
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