Trade Product Guide

Effective March 2022

SOLARIS
A division of Bondor®
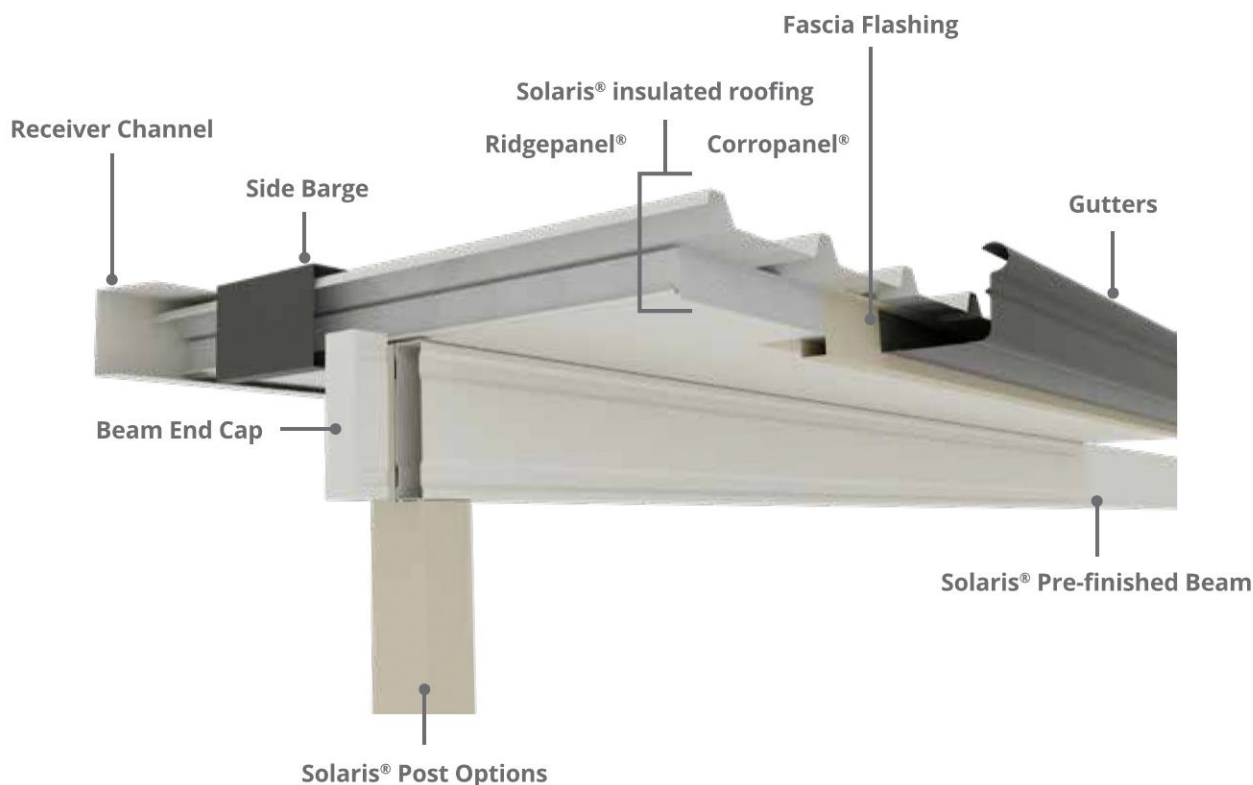
Colorbond®
THE COLOURS OF AUSTRALIA SINCE 1966

Solaris

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Solaris® has an unparalleled reputation within the building industry for customer service and delivering consistently high quality insulated wall, roof and ceiling panel products that are engineered, tested and conform to Australian Standards.

Solaris® is a trusted Australian manufacturer and supplier of residential and commercial roof and wall systems using the latest in insulated panel manufacturing technology and COLORBOND® steel. Solaris® building systems simplify construction, delivering faster and more cost effective building solutions.

The Solaris® business is focussed on consistent delivery of high quality building products, customer service and product support.

Solaris® customers are reassured that our products are tested and engineered to Australian Standards and conform to the National Construction Code across the range of Solaris® insulated patio kits, residential and commercial roofing and walling.

Solaris® products are renowned for their all-in-one design with exterior and interior pre-finished COLORBOND® steel, high performance rigid insulation and superior structural performance with long continuous spans.

The Solaris® product suite is available in a range of exterior and interior profiles, COLORBOND® colours, varying thicknesses and as a division of Bondor have access to a wider range of products that include single skin roofing, PIR walling and fire rated walling systems with up to 3 hours of fire protection.

Solaris® look forward to assisting its customers achieve great success from the renowned Solaris® service offer and access to a growing number of innovative smarter building systems.

SOLARIS
A division of Bondor®

WHY WE CHOOSE COLORBOND®?

Colorbond®
Made for Australia

MADE FOR AUSTRALIAN CONDITIONS

Australia has a harsh and varied environment with extreme weather conditions; it is tough on buildings and requires a tough building material designed and tested for Australia.

Bondor® is the only insulated panel manufacturer in Australia that offers a Next Generation COLORBOND® Steel AM100 roof & ceiling. It features highly efficient, active metallic coating which provides superior corrosion resistance of the coated product via two strategically positioned magnesium compounds.
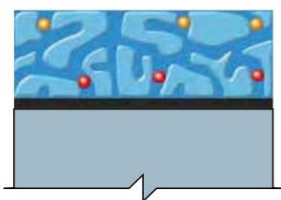
The COLORBOND® assessment program is designed to replicate building applications in Australian conditions.

Results have clearly demonstrated they exceed Australian testing standards for steel building products.

BlueScope® Steel has 50 years' experience in engineering and setting the bench mark for the next generation of COLORBOND® Steel. They have proven to be more durable, more efficient and more sustainable. Therefore, offering a 15-year BlueScope® home improvement warranty.

COLORBOND® has 5 Layer of Protection

TOPCOAT: exterior grade paint is baked on to provide resistance to chipping, flaking and blistering and ensures the finish retains its look for longer.

PRIMER: a corrosion inhibitive baked onto the surface

PRETREATMENT: optimizes the adhesion of further coatings.

METALLIC COATING: activated technology to enhance corrosion resistance.

STEEL BASE: manufactured to Australian Standards

That is why we choose COLORBOND®.

FAQ

Frequently asked questions

Solaris® Products & Building Systems

Please find a list of commonly asked questions about our Solaris® insulated roof and wall panel products and building systems below. If you are unable to find the answer you're looking for, please do not hesitate to contact us on 1800 077 044.

Q What are Solaris® roof and wall panels made from?

A All Solaris® panels are made from the highest quality materials made in Australia /or sourced locally. Our steel exterior and interior sheets for roof and wall panels use BlueScope® Steel's locally manufactured and warranted COLORBOND® steel skins for the highest quality paint finish and longest durability available.

Solaris® insulating cores are primarily made from fire retardant expanded polystyrene (EPS-FR). Other cores, including PIR and Mineral Wool are also available with other products as part of a division of Bondor®.

RidgePanel® & CorroPanel® insulated roofing has a cover width of 1000mm, available in thicknesses 50, 75, 100, 125, 150 & 200mm for added thermal and structural performance, up to 18m in length.

SmoothPanel® insulated walling has a cover width of 1200mm, available in thicknesses 50, 75, 100, 125, 150, 200 for added thermaland structural performance, available in EPS-FR and Mineral Wool.

SmoothPanel® walls are typically made to order in 2.5-5m lengths to suit general walling applications but for specific projects can be manufactured up to 16m using thicker wall panels.

Q What COLORBOND® colours are Solaris® roof and wall panels available in?

A Solaris® insulated roofing are available in a wide range of COLORBOND® colours. Please refer to your Solaris® product information or speak to a Solaris® representative for more information.

Q Does Solaris® offer an installation service for patios, housing or commercial building systems?

A No, however, Solaris® recommend an experienced patio, roof or wall installer in your local area. Please see our Dealer Locator section at www.solaris.com.au for details or contact our office.

Q Can I walk on Solaris® RidgePanel® or CorroPanel® roof panels once installed?

A Yes, Solaris® roof panels are designed and engineered to withstand a human service load up to 140kg over the supported area of roof only. No loads are permitted on the unsupported side or cantilevered overhang section of roofs.

Q Can I cut or trim a roof or wall panel onsite?

A Yes, Solaris® steel roof and wall panels can be cut with a cold cut Saw (preferably with a swarf catcher), nibblers or any other recommended cutting methods approved by Bluescope® Steel technical bulletins. Please note, angle grinders are not recommended as they will damage the painted surface and steel cut edge. All metal swarf filings resulting for cutting are to be removed immediately from panels to prevent staining or damage of paint coatings.

Q Can I install a ceiling fan to the ceiling side of my roof panel?

A Yes, Solaris® offer fan mounting kits to attach a domestic grade fan to the ceiling side of a panel roof. Note, maximum weights do apply per metre as per product information.

Q Are hip and valley roof designs suitable for Solaris® roofing?

A Flat skillion and gable roof designs are the most economical for panel roofing. Generally, most houses can be designed to satisfy this requirement and maintain their aesthetic appeal. However, it is possible to use panel roofing on hip and valley roof designs if necessary.

Q Can I run electrical services within Solaris® roof products?

A Yes, a services duct/void is routed into each roof panel core join to facilitate running of electrical cables via electrical conduit. Of course, these should only be installed by a qualified licenced electrician.

Q How do I maintain my Solaris® products?

A Ensure your Solaris® panels are installed as per the manufacturer's recommendations and any exterior metal surfaces that are not exposed to "washing down" by rain should be manually washed regularly to avoid build-up of and corrosive materials or pollutants.

Q What warranties are provided with my Solaris® products?

A A comprehensive manufacturer's warranty is provided for all Solaris® products as well as a BlueScope® Steel backed COLORBOND® warranty depending upon the application and registration via BlueScope Steel, go to www.bluescope.com.au.

Q Why are darker colours treated differently?

A Darker colours attract heat and are less thermally efficient. The National Construction Code has been moving towards lighter colours particularly for roofing in recent years. This move is part of the building sectors commitment to reduce carbon foot print and contribute to achieving net zero energy buildings. Lighter roof colours mean less heat and therefore require less energy from air conditioning systems to cool a building.
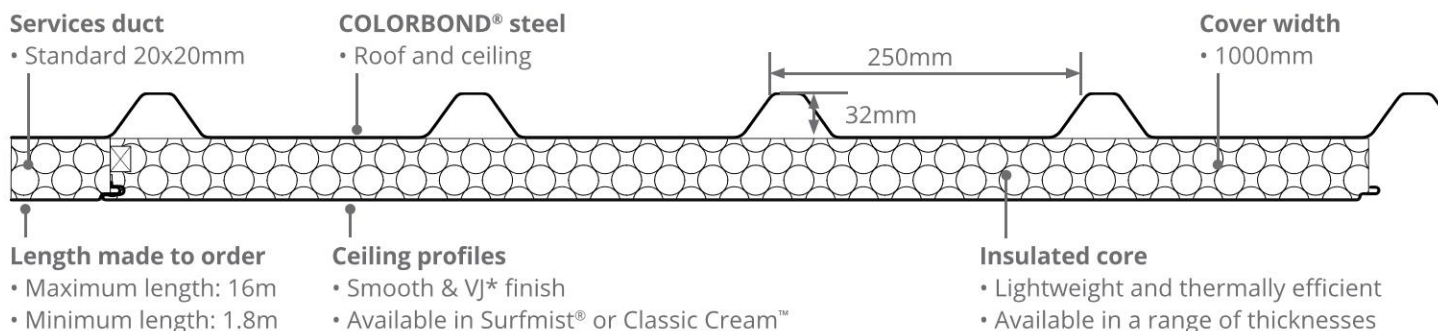
Roofing products such as RidgePanel® or CorroPanel® must not be exposed to temperatures of 80°C or greater for an extended period. This can potentially happen when darker roof colours that are used in some locations around Australia. Please visit www.solaris.com.au for further explanation or consult Solaris® Rep or your local distributor.

Roof panel

RidgePanel®

Cutting edge technology enables the delivery of an architecturally appealing all-weather roof panel with a ridged profile, high performance insulation properties for residential, commercial, industrial and agricultural applications.

RIDGEPANEL

Services duct
• Standard 20x20mm

COLORBOND® steel
• Roof and ceiling

250mm

32mm

Cover width
• 1000mm

Length made to order
• Maximum length: 16m
• Minimum length: 1.8m

Ceiling profiles
• Smooth & VJ* finish
• Available in Surfmist® or Classic Cream™

Insulated core
• Lightweight and thermally efficient
• Available in a range of thicknesses

Standard Colour Options

The Solaris® 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.

Panel properties							
Panel thickness (mm)	50	75	100	125	150	175	200
Typical mass (kg/m²)	9.8	10.1	10.5	10.8	11.2	11.5	11.9
SL grade total R-value (m²K/W)	1.40	2.03	2.65	3.27	3.90	4.52	5.15

Note: The above Total R-values are for insulation average temperature of 15˚C. Contact us for other temperatures and different EPS-FR core grades.

Surfmist®   Paperbark®   Classic Cream™*   Pale Eucalypt®^   Manor Red®**^   Dune®

Shale Grey®   Jasper®^**   Basalt®^**   Windspray®^   Woodland Grey®^**   Zincalume™

Standard ceiling colours

Surfmist®   Classic Cream™   Off White AquaPlus® (Coastal)

Note: COLORBOND® Ultra roofing available (Surfmist®) for coastal areas (POA).

Ceiling profiles

Smooth

VJ

Category	Product Name	Stock Code	Uom
RidgePanel 50	RIDGEPANEL 50MM ROOF: COLOUR / CEIL: SURFMIST®	SOQ050**	SQM
RidgePanel 75	RIDGEPANEL 75MM ROOF: COLOUR / CEIL: SURFMIST®	SOQ075**	SQM
RidgePanel 100	RIDGEPANEL 100MM ROOF: COLOUR / CEIL: SURFMIST®	SOQ100**	SQM
RidgePanel 125	RIDGEPANEL 125MM ROOF: COLOUR / CEIL: SURFMIST®	SOQ125**	SQM
RidgePanel 150	RIDGEPANEL 150MM ROOF: COLOUR / CEIL: SURFMIST®	SOQ150**	SQM
RidgePanel 200	RIDGEPANEL 200MM ROOF: COLOUR / CEIL: SURFMIST®	SOQ200**	SQM
RidgePanel 50 CC	RIDGEPANEL 50MM ROOF: COLOUR / CEIL: CLASSIC CREAM™	SOQ050**CC	SQM
RidgePanel 75 CC	RIDGEPANEL 75MM ROOF: COLOUR / CEIL: CLASSIC CREAM™	SOQ075**CC	SQM
RidgePanel 100 CC	RIDGEPANEL 100MM ROOF: COLOUR / CEIL: CLASSIC CREAM™	SOQ100**CC	SQM
RidgePanel 125 CC	RIDGEPANEL 125MM ROOF: COLOUR / CEIL: CLASSIC CREAM™	SOQ125**CC	SQM
RidgePanel 150 CC	RIDGEPANEL 150MM ROOF: COLOUR / CEIL: CLASSIC CREAM™	SOQ150**CC	SQM
RidgePanel 200 CC	RIDGEPANEL 200MM ROOF: COLOUR / CEIL: CLASSIC CREAM™	SOQ200**CC	SQM

Ultra & AquaPlus options available POA

* Depending on light conditions and application, undulations may be visible on underside of panel.

** Limited availability.

^Darker colours may be warranted for use in limited regions check www.solaris.com.au for details on Solaris Warranty.
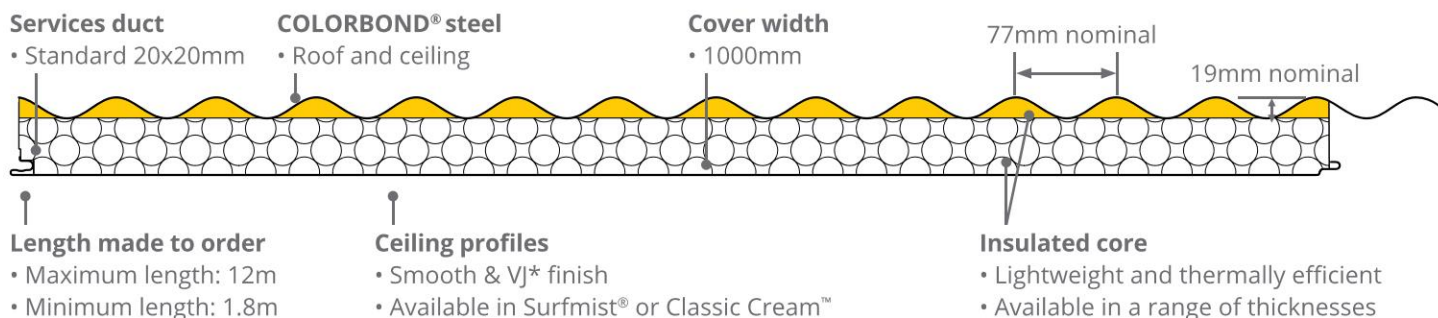
Roof panel

CorroPanel®

CORROPANEL

Cutting edge technology enables the delivery of an architecturally appealing all-weather roof panel with a corrugated profile, high performance insulation properties for residential, commercial and industrial applications.

Services duct
• Standard 20x20mm

COLORBOND® steel
• Roof and ceiling

Cover width
• 1000mm

77mm nominal

19mm nominal

Length made to order
• Maximum length: 12m
• Minimum length: 1.8m

Ceiling profiles
• Smooth & VJ* finish
• Available in Surfmist® or Classic Cream™

Insulated core
• Lightweight and thermally efficient
• Available in a range of thicknesses

Standard colour options

The Solaris® 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®   Jasper®**^   Basalt®**^   Windspray®^   Woodland Grey®**^   Zincalume™

Standard ceiling colours

Surfmist®   Classic Cream™   Off White AquaPlus® (Coastal)

Note: COLORBOND® Ultra roofing available (Surfmist®) for coastal areas (POA).

Panel Properties						
Panel thickness (mm)	50	75	100	125	150	200
Typical mass (kg/m²)	11.6	11.9	12.3	12.6	13.0	13.7
SL grade total R-value (m²K/W)	1.61	2.23	2.85	3.48	4.10	5.35

Note: The above total R-values are for insulation average temperature of 15˚C. Contact us for other temperatures and different EPS-FR core grades.

Ceiling profiles

Smooth

VJ

Category	Product Name	Stock Code	Uom
CorroPanel 50	CORROPANEL 50MM ROOF: COLOUR / CEIL: SURFMIST®	IOQ050**	SQM
CorroPanel 75	CORROPANEL 75MM ROOF: COLOUR / CEIL: SURFMIST®	IOQ075**	SQM
CorroPanel 100	CORROPANEL 100MM ROOF: COLOUR / CEIL: SURFMIST®	IOQ100**	SQM
CorroPanel 125	CORROPANEL 125MM ROOF: COLOUR / CEIL: SURFMIST®	IOQ125**	SQM
CorroPanel 150	CORROPANEL 150MM ROOF: COLOUR / CEIL: SURFMIST®	IOQ150**	SQM
CorroPanel 200	CORROPANEL 200MM ROOF: COLOUR / CEIL: SURFMIST®	IOQ200**	SQM
CorroPanel 50 CC	CORROPANEL 50MM ROOF: COLOUR / CEIL: CLASSIC CREAM™	IOQ050**CC	SQM
CorroPanel 75 CC	CORROPANEL 75MM ROOF: COLOUR / CEIL: CLASSIC CREAM™	IOQ075**CC	SQM
CorroPanel 100 CC	CORROPANEL 100MM ROOF: COLOUR / CEIL: CLASSIC CREAM™	IOQ100**CC	SQM
CorroPanel 125 CC	CORROPANEL 125MM ROOF: COLOUR / CEIL: CLASSIC CREAM™	IOQ125**CC	SQM
CorroPanel 150 CC	CORROPANEL 150MM ROOF: COLOUR / CEIL: CLASSIC CREAM™	IOQ150**CC	SQM
CorroPanel 200 CC	CORROPANEL 200MM ROOF: COLOUR / CEIL: CLASSIC CREAM™	IOQ200**CC	SQM

Ultra & AquaPlus options available POA

* Depending on light conditions and application, undulations may be visible on underside of panel.
** Limited availability.
^Darker colours may be warranted for use in limited regions check www.solaris.com.au for details on Solaris Warranty.

Solaris Single Skin Solution

Solaris® single skin offers you 2 profile options to help customize your look for your new undercover area.

Flat & W Plan profile both offer function, style and versatility. Suitable for a wide range of traditional & modern designs. Each panel feature a clipping system that locks the panel together, forming a virtually undatable weather-tight seal.

Made in Australia with over 65 years of experience and expertise in producing premium, high quality products.

Flat Profile

Width/Coverage: 295mm

• 0.42 Steel G550
• 0.48 Steel G550 S2
• 0.90 Aluminium

295mm
55mm
100mm
Positive Clip (Male / Female)

W-Pan Profile

Width/Coverage: 300mm

0.42 Steel G550
0.90 Aluminium
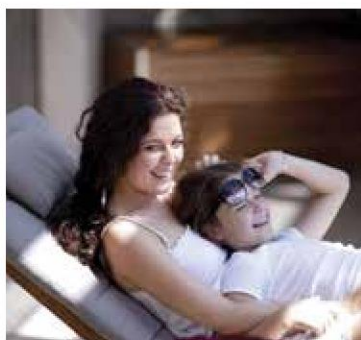
300mm
50mm
25mm
Positive Clip (Male / Female)

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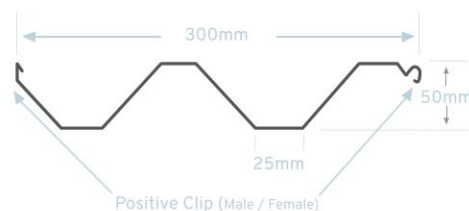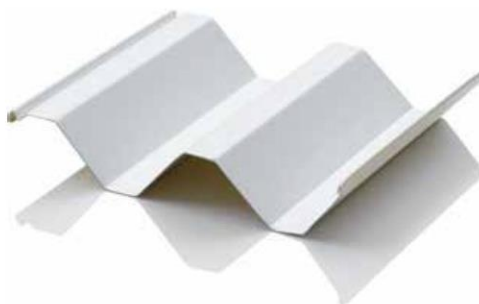
CLEVER

Naturelite System

For letting some light into a dark covered area, Solaris system offers the perfect solution.

The Naturelite System features translucent panels that integrate with the single skin roof panel to allow natural light to filter through.

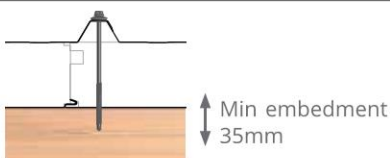**NATURELITE**
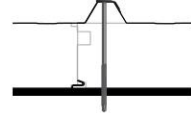W-Pan Profile

NATURELITE
Flat Profile

Features a domed exterior shape to prevent debris from accumulating on top, ensuring a cleaner appearance from the underside.

Insulated roof fasteners

RidgePanel® fastener details

|	RidegPanel® fixings to beam	
Panel thickness (mm)	**Timber beam** **Type 17 14-10 with cyclone washer or multiseal washer.** **Timber joint to be joint group J3 or better.** **(Min embedment 35mm)**	**Steel beam** **Metal tek 14-14 with cyclone washer or multiseal washer.** **(Min steel thickness 1.5mm)**
	Min embedment 35mm	
50	125mm	125mm
75	150mm	150mm
100	175mm	175mm
125	200mm	205mm
150	240mm	230mm
200	300mm	300mm

Fixing recommendations

RidgePanel® roofing side laps should be laid away from the prevailing wind and sit neatly on the preceding roof sheet.

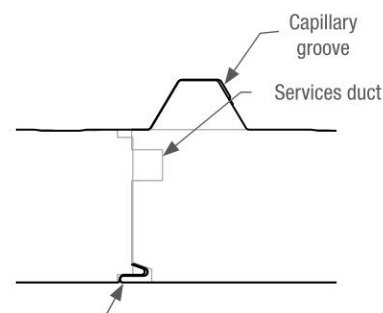Refer to Solaris® Patio Engineering Guide for fixing details.

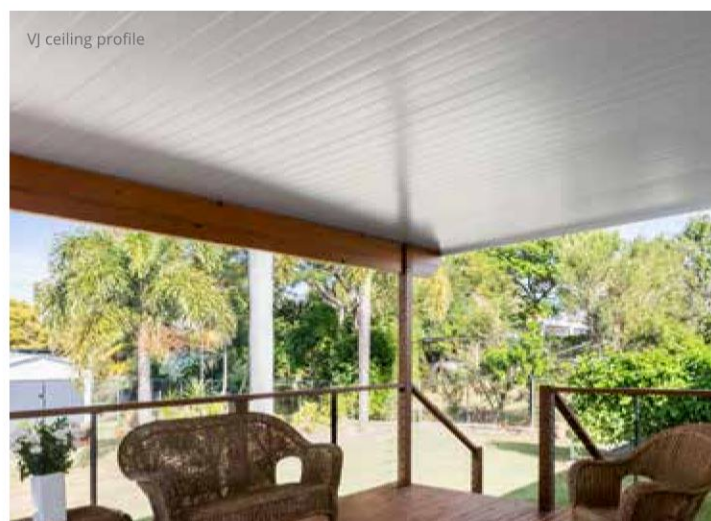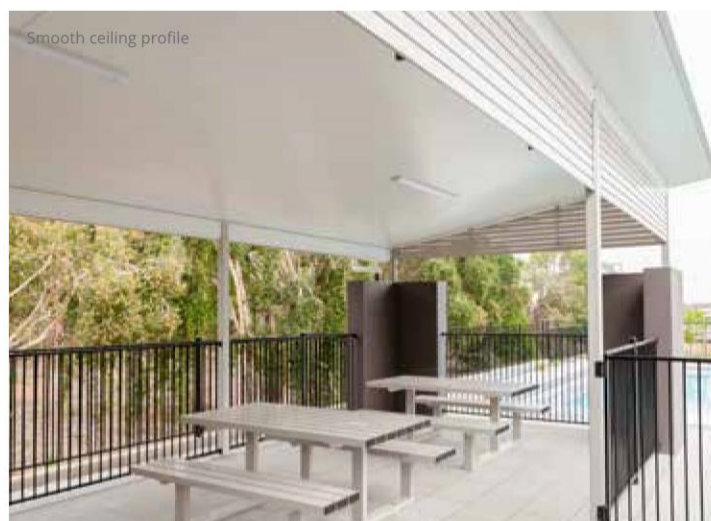**Non cyclonic fixing - through each rib**

*

Cyclonic fixing - through each rib and pan
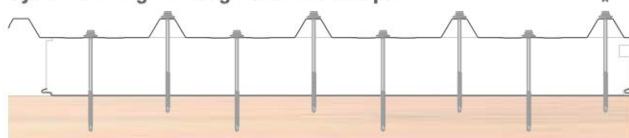
*

* Fixing to go through adjacent panel's side lap.

Capillary groove

Services duct

Ceiling joint tightness will vary depending on building components, site conditions and manufacturing tolerances.

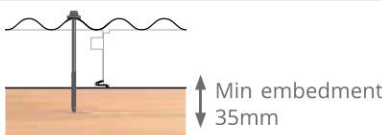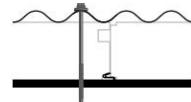Smooth ceiling profile

VJ ceiling profile

Insulated roof fasteners

CorroRoof® fastener details

CorroPanel® fixings to beam - all screws class 4

Panel thickness (mm)	Timber beam Type 17 14-10 with cyclone washer or multiseal washer. Timber joint to be joint group j3 or better. (Min embedment 35mm)	Steel beam Metal tek 14-14 with cyclone washer or multiseal washer. (Min steel thickness 1.5mm)
	Min embedment 35mm	
50	125mm	125mm
75	150mm	150mm
100	175mm	175mm
125	200mm	200mm
150	240mm	240mm
200	300mm	300mm

Fixing recommendations

The CorroPanel® side lap should be laid away from the prevailing wind and sit neatly on the preceding roof sheet. Use Solaris® recommended insulated roofing fasteners along with cyclone caps with multi-seal neoprene washers fixed as specified. Fix side laps at approximately 1000mm centres using a M6-11x25mm Hex head roof zips screw (available from Solaris®). Fascia gutter flashings should be fixed using sealed rivets in the valley.

Non cyclonic fixing - through every 2nd rib (7)

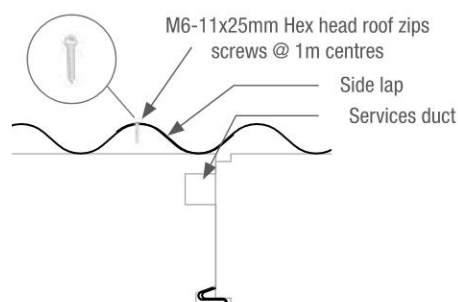Cyclonic fixing - through every rib (13)

* Fixing to go through adjacent panel's side lap.

Mandatory lapping screw

M6-11x25mm Hex head roof zips screws @ 1m centres

Side lap

Services duct

Ceiling joint tightness will vary depending on building components, site conditions and manufacturing tolerances.

Roof accessories

Category	Product Name	Stock Code	Image	Uom
RidgePanel Foam Pan Seal	RIDGEPANEL FOAM PAN SEAL - 1000mm	RACC-PANSEALSS		EA
CorroPanel Foam Pan Seal	CORROPANEL FOAM PAN SEAL - 1000mm	RACC-PANSEALIR		EA
Touch Up Paint	PAINT TOUCH UP CAN - COLOUR	PATA-TUPAINT250		EA
RidgePanel Installer Tool	TURN UP/DOWN - RIDGEPANEL TOOL	219447		EA
RidgePanel Rib Infill	RIB INFILL 100MM LONG - RIDGEPANEL	VS100		EA

Insulated roof fasteners
Steel (Up to 3.2mm)

Category	Product Name	Stock Code	Image	Uom
RidgePanel MET 50	50mm RIDGEPANEL ROOF SCREW ASSY 14-14x125 - STEEL	FAST-MET125**		EA
RidgePanel MET 75	75mm RIDGEPANEL ROOF SCREW ASSY 14-14x150 - STEEL	FAST-MET150**		EA
RidgePanel MET 100	100mm RIDGEPANEL ROOF SCREW ASSY 14-14x175 - STEEL	FAST-MET175**		EA
RidgePanel MET 125	125mm RIDGEPANEL ROOF SCREW ASSY 14-14x205 - STEEL	FAST-MET200**		EA
RidgePanel MET 150	150mm RIDGEPANEL ROOF SCREW ASSY 14-14x230 - STEEL	FAST-MET230**		EA
RidgePanel MET 200	200mm RIDGEPANEL ROOF SCREW ASSY S500 14-20x300 - STEEL	FAST-S5H300**		EA
CorroPanel MET 50	50mm CORROPANEL ROOF SCREW ASSY 14-14x125 - STEEL	FAST-MET125**		EA
CorroPanel MET 75	75mm CORROPANEL ROOF SCREW ASSY 14-14x150 - STEEL	FAST-MET150**		EA
CorroPanel MET 100	100mm CORROPANEL ROOF SCREW ASSY 14-14x175 - STEEL	FAST-MET175**		EA
CorroPanel MET 125	125mm CORROPANEL ROOF SCREW ASSY 14-14x205 - STEEL	FAST-MET200**		EA
CorroPanel MET 150	150mm CORROPANEL ROOF SCREW ASSY 14-14x230 - STEEL	FAST-MET230**		EA
CorroPanel MET 200	200mm CORROPANEL ROOF SCREW ASSY 14-20x300 - STEEL	FAST-S5H300**		EA

Insulated roof fasteners

Steel (3-12mm)

Category	Product Name	Stock Code	Image	Uom
RidgePanel S5 75	50-75mm RIDGEPANEL ROOF SCREW ASSY Series 500 14-20x150 - STEEL	FAST-S5H150**		EA
RidgePanel S5 125	100-125mm RIDGEPANEL ROOF SCREW ASSY Series 500 14-20x205 - STEEL	FAST-S5H205**		EA
RidgePanel S5 150	150mm RIDGEPANEL ROOF SCREW ASSY Series 500 14-20x250 - STEEL	FAST-S5H250**		EA
RidgePanel S5 200	200mm RIDGEPANEL ROOF SCREW ASSY Series 500 14-20x300 - STEEL	FAST-S5H300**		EA
CorroPanel S5 75	50-75mm CORROPANEL ROOF SCREW ASSY Series 500 14-20x150 - STEEL	FAST-S5H150**		EA
CorroPanel S5 200	100-125mm CORROPANEL ROOF SCREW ASSY Series 500 14-20x205 - STEEL	FAST-S5H205**		EA
CorroPanel S5 230	150mm CORROPANEL ROOF SCREW ASSY Series 500 14-20x250 - STEEL	FAST-S5H250**		EA
CorroPanel S5 300	200mm CORROPANEL ROOF SCREW ASSY Series 500 14-20x300 - STEEL	FAST-S5H300**		EA

Stitching

Category	Product Name	Stock Code	Image	Uom
Stitching Screw	CORROPANEL RIB OVERLAP M6-25MM HEX HEAD ROOF ZIP	FAST-25ZIPNEO		EA

Insulated roof fasteners

Timber

Category	Product Name	Stock Code	Image	Uom
RidgePanel TIM 50	50mm RIDGEPANEL ROOF SCREW ASSY T17 14-10x125 - TIMBER	FAST-TIM125**		EA
RidgePanel TIM 75	75mm RIDGEPANEL ROOF SCREW ASSY T17 14-10x150 - TIMBER	FAST-TIM150**		EA
RidgePanel TIM 100	100mm RIDGEPANEL ROOF SCREW ASSY T17 14-10x175 - TIMBER	FAST-TIM175**		EA
RidgePanel TIM 125	125mm RIDGEPANEL ROOF SCREW ASSY T17 14-10x200 - TIMBER	FAST-TIM200**		EA
RidgePanel TIM 150	150mm RIDGEPANEL ROOF SCREW ASSY T17 14-10x240 -TIMBER	FAST-TIM240**		EA
RidgePanel TIM 200	200mm RIDGEPANEL ROOF SCREW ASSY T17 14-10x300 -TIMBER	FAST-TIM300**		EA
CorroPanel TIM 50	50mm CORROPANEL ROOF SCREW ASSY T17 14-10x125 - TIMBER	FAST-TIM125**		EA
CorroPanel TIM 75	75mm CORROPANEL ROOF SCREW ASSY T17 14-10x150 - TIMBER	FAST-TIM150**		EA
CorroPanel TIM 100	100mm CORROPANEL ROOF SCREW ASSY T17 14-10x175 - TIMBER	FAST-TIM175**		EA
CorroPanel TIM 125	125mm CORROPANEL ROOF SCREW ASSY T17 14-10x200 - TIMBER	FAST-TIM200**		EA
CorroPanel TIM 150	150mm CORROPANEL ROOF SCREW ASSY T17 14-10x240 -TIMBER	FAST-TIM240**		EA
CorroPanel TIM 200	200mm CORROPANEL ROOF SCREW ASSY T17 14-10x300 -TIMBER	FAST-TIM300**		EA

Structural

Attached

Category	Product Name	Stock Code	Image	Uom
RidgePanel Receiver 50	50mm RIDGEPANEL RECEIVER CHANNEL - SURFMIST®	FLSS-RCH050		LM
RidgePanel Receiver 75	75mm RIDGEPANEL RECEIVER CHANNEL - SURFMIST®	FLSS-RCH075		LM
RidgePanel Receiver 100	100mm RIDGEPANEL RECEIVER CHANNEL - SURFMIST®	FLSS-RCH100		LM
RidgePanel Receiver 125	125mm RIDGEPANEL RECEIVER CHANNEL - SURFMIST®	FLSS-RCH125		LM
RidgePanel Receiver 150	150mm RIDGEPANEL RECEIVER CHANNEL - SURFMIST®	FLSS-RCH150		LM
RidgePanel Receiver 200	200mm RIDGEPANEL RECEIVER CHANNEL - SURFMIST®	FLSS-RCH200		LM
CorroPanel Receiver 50	50mm CORROPANEL RECEIVER CHANNEL - SURFMIST®	FLIR-RCH050		LM
CorroPanel Receiver 75	75mm CORROPANEL RECEIVER CHANNEL - SURFMIST®	FLIR-RCH075		LM
CorroPanel Receiver 100	100mm CORROPANEL RECEIVER CHANNEL - SURFMIST®	FLIR-RCH100		LM
CorroPanel Receiver 125	125mm CORROPANEL RECEIVER CHANNEL - SURFMIST®	FLIR-RCH125		LM
CorroPanel Receiver 150	150mm CORROPANEL RECEIVER CHANNEL - SURFMIST®	FLIR-RCH150		LM
CorroPanel Receiver 200	200mm CORROPANEL RECEIVER CHANNEL - SURFMIST®	FLIR-RCH200		LM

Apron flashing

Category	Product Name	Stock Code	Image	Uom
RidgePanel apron flashing	RIDGEPANEL APRON FLASHING 0.55 COLORBOND®	FLSS-APR		LM
CorroPanel apron flashing	CORROPANEL APRON FLASHING 0.55 COLORBOND®	FLIR-APR		LM

NOTE: * . Max order length 4000mm

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Structural

Flyover

Category	Product Name	Stock Code	Image	Uom
Roof height extender (Flyover)	ROOF EXTENDA BRACKET 320-380mm GALVANISED	PATA-ROOFEXT380		EA
Roof height extender (Flyover)	ROOF EXTENDA BRACKET 420-480mm GALVANISED	PATA-ROOFEXT480		EA
Roof height extender (Flyover)	ROOF EXTENDA Bracket 520-580mm GALVANISED	PATA-ROOFEXT580		EA

Note: Suitable use for timber trusses only

Roof extender bracket (Flyover)
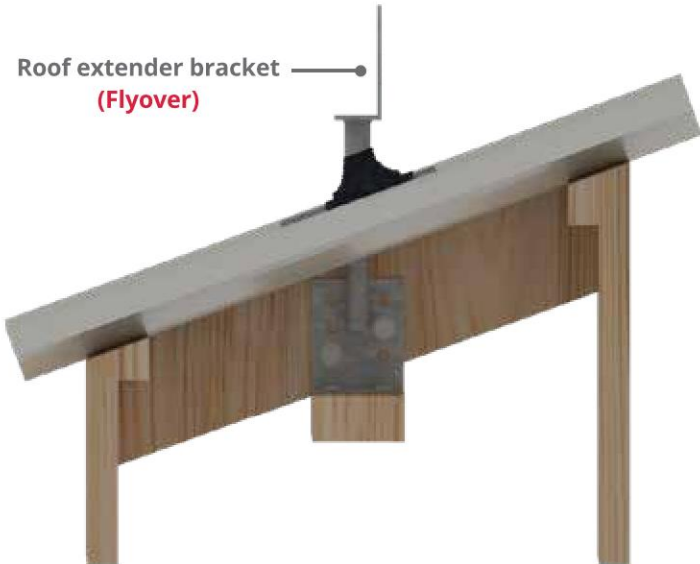
Roof flashings

Fascia

Category	Product Name	Stock Code	Image	Uom
RidgePanel Fascia with Step 50	50mm GUTTER STEP FLASHING*	FLSS-FAS050		LM
RidgePanel Fascia with Step 75	75mm GUTTER STEP FLASHING*	FLSS-FAS075		LM
RidgePanel Fascia with Step 100	100mm GUTTER STEP FLASHING*	FLSS-FAS100		LM
RidgePanel Fascia with Step 125	125mm GUTTER STEP FLASHING*	FLSS-FAS125		LM
RidgePanel Fascia with Step 150	150mm GUTTER STEP FLASHING*	FLSS-FAS150		LM
RidgePanel Fascia with Step 200	200mm GUTTER STEP FLASHING*	FLSS-FAS200		LM
CorroPanel Fascia with Step 50	50mm GUTTER STEP FLASHING*	FLIR-FAS050		LM
CorroPanel Fascia with Step 75	75mm GUTTER STEP FLASHING*	FLIR-FAS075		LM
CorroPanel Fascia with Step 100	100mm GUTTER STEP FLASHING*	FLIR-FAS100		LM
CorroPanel Fascia with Step 125	125mm GUTTER STEP FLASHING*	FLIR-FAS125		LM
CorroPanel Fascia with Step 150	150mm GUTTER STEP FLASHING*	FLIR-FAS150		LM
CorroPanel Fascia with Step 200	200mm GUTTER STEP FLASHING*	FLIR-FAS200		LM

Note: *Available in all COLORBOND® colours. Pitch angle must be supplied when placing order.

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Roof flashings

Side barge (Open structures)

Category	Product Name	Stock Code	Image	Uom
RidgePanel Side Barge with Step 50	50mm SIDE BARGE STEP FLASHING*	FLSS-SBS050		LM
RidgePanel Side Barge with Step 75	75mm SIDE BARGE STEP FLASHING*	FLSS-SBS075		LM
RidgePanel Side Barge with Step 100	100mm SIDE BARGE STEP FLASHING*	FLSS-SBS100		LM
RidgePanel Side Barge with Step 125	125mm SIDE BARGE STEP FLASHING*	FLSS-SBS125		LM
RidgePanel Side Barge with Step 150	150mm SIDE BARGE STEP FLASHING*	FLSS-SBS150		LM
RidgePanel Side Barge with Step 200	200mm SIDE BARGE STEP FLASHING*	FLSS-SBS200		LM
CorroPanel Side Barge with Step 50	50mm SIDE BARGE STEP FLASHING*	FLIR-SBS050		LM
CorroPanel Side Barge with Step 75	75mm SIDE BARGE STEP FLASHING*	FLIR-SBS075		LM
CorroPanel Side Barge with Step 100	100mm SIDE BARGE STEP FLASHING*	FLIR-SBS100		LM
CorroPanel Side Barge with Step 125	125mm SIDE BARGE STEP FLASHING*	FLIR-SBS125		LM
CorroPanel Side Barge with Step 150	150mm SIDE BARGE STEP FLASHING*	FLIR-SBS150		LM
CorroPanel Side Barge with Step 200	200mm SIDE BARGE STEP FLASHING*	FLSS-SBS200		LM
RidgePanel Top Barge 50	50mm TOP BARGE STEP FLASHING*	FLSS-TBS050		LM
RidgePanel Top Barge 75	75mm TOP BARGE STEP FLASHING*	FLSS-TBS075		LM
RidgePanel Top Barge 100	100mm TOP BARGE STEP FLASHING*	FLSS-TBS100		LM
RidgePanel Top Barge 125	125mm TOP BARGE STEP FLASHING*	FLSS-TBS125		LM
RidgePanel Top Barge 150	150mm TOP BARGE STEP FLASHING*	FLSS-TBS150		LM
RidgePanel Top Barge 200	200mm TOP BARGE STEP FLASHING*	FLSS-TBS200		LM
CorroPanel Top Barge 50	50mm TOP BARGE STEP FLASHING*	FLIR- TBS050		LM
CorroPanel Top Barge 75	75mm TOP BARGE STEP FLASHING*	FLIR- TBS075		LM
CorroPanel Top Barge 100	100mm TOP BARGE STEP FLASHING*	FLIR- TBS100		LM

Note: Available in all COLORBOND® colours. Angles must be supplied when placing order.

Roof flashings

Side barge (Open structures)

Category	Product Name	Stock Code	Image	Uom
CorroPanel Top Barge 125	125mm TOP BARGE STEP FLASHING*	FLIR- TBS125		LM
CorroPanel Top Barge 150	150mm TOP BARGE STEP FLASHING*	FLIR- TBS150		LM
CorroPanel Top Barge 200	200mm TOP BARGE STEP FLASHING*	FLIR- TBS200		LM
RidgePanel Non step side barge 50	50mm SIDE BARGE FLUSH FLASHING*	FLSS-SBZ050		LM
RidgePanel Non step side barge 75	75mm SIDE BARGE FLUSH FLASHING*	FLSS-SBZ075		LM
RidgePanel Non step side barge 100	100mm SIDE BARGE FLUSH FLASHING*	FLSS-SBZ100		LM
RidgePanel Non step side barge 125	125mm SIDE BARGE FLUSH FLASHING*	FLSS-SBZ125		LM
RidgePanel Non step side barge 150	150mm SIDE BARGE FLUSH FLASHING*	FLSS-SBZ150		LM
RidgePanel Non step side barge 200	200mm SIDE BARGE FLUSH FLASHING*	FLSS-SBZ200		LM
CorroPanel Non Step Side Barge 50	50mm SIDE BARGE FLUSH FLASHING*	FLIR-SBZ050		LM
CorroPanel Non step side barge 75	75mm SIDE BARGE FLUSH FLASHING*	FLIR-SBZ075		LM
CorroPanel Non step side barge 100	100mm SIDE BARGE FLUSH FLASHING*	FLIR-SBZ100		LM
CorroPanel Non step side barge 125	125mm SIDE BARGE FLUSH FLASHING*	FLIR-SBZ125		LM
CorroPanel Non step side barge 150	150mm SIDE BARGE FLUSH FLASHING*	FLIR-SBZ150		LM
CorroPanel Non step side barge 200	200mm SIDE BARGE STEP FLASHING*	FLIR-SBZ200		LM

Note: *Available in all COLORBOND® colours.

Large side barge (Enclosed structures)

Category	Product Name	Stock Code	Image	Uom
RidgePanel Top/Side Barge Large w/ Step 50	50mm LARGE SIDE BARGE STEP FLASHING*	FLSS-SBL050		LM
RidgePanel Top/Side Barge Large w/ Step 75	75mm LARGE SIDE BARGE STEP FLASHING*	FLSS-SBL075		LM
RidgePanel Top/Side Barge Large w/ Step 100	100mm LARGE SIDE BARGE STEP FLASHING*	FLSS-SBL100		LM
RidgePanel Top/Side Barge Large w/ Step 125	125mm LARGE SIDE BARGE STEP FLASHING*	FLSS-SBL125		LM
RidgePanel Top/Side Barge Large w/ Step 150	150mm LARGE SIDE BARGE STEP FLASHING*	FLSS-SBL150		LM
RidgePanel Top/Side Barge Large w/ Step 200	200mm LARGE SIDE BARGE STEP FLASHING*	FLSS-SBL200		LM

Note: *Available in all COLORBOND® colours.

Gutters & accessories

Gutters

Category	Product Name	Stock Code	Image	Uom
Gutters - Emline SQ	EMLINE GUTTER SQUARE-GP FASCIA	GUTT-EMLGUT		LM
Gutters - Emline SQ	EMLINE GUTTER END STOPS SQUARE-GP	GUTT-EMLEND		EA
Gutters - Emline SQ	EMLINE GUTTER BRACKETS SQUARE-GP	GUTT-EMLBRA		EA
Gutters - Emline SQ	EMLINE GUTTER EXTERNAL CORNER	GUTT-EMLEXT		EA
Gutters - Emline SQ	EMLINE GUTTER INTERNAL CORNER	GUTT-EMLINT		EA
Gutters - Fitfast	FITFAST GUTTER SQUARE-GP	GUTT-FITGUT		LM
Gutters - Fitfast	FITFAST GUTTER END STOPS	GUTT-FITEND		EA
Gutters - Fitfast	FITFAST GUTTER BRACKETS	GUTT-FITBRA		EA
Gutters - Fitfast	FITFAST GUTTER EXTERNAL CORNER	GUTT-FITEXT		EA
Gutters - Fitfast	FITFAST GUTTER INTERNAL CORNER	GUTT-FITINT		EA
Gutter - Quad 125	QUAD 125 HI FRONT SLOTTED QUAD	GUTT-125GUT		LM
Gutter - Quad 125	QUAD 125 HI FRONT SLOTTED END STOPS	GUTT-125END		EA
Gutter - Quad 125	QUAD 125 HI FRONT SLOTTED BRACKETS	GUTT-125BRA		EA
Gutter - Quad 125	QUAD 125 HI FRONT SLOTTED EXTERNAL CORNER	GUTT-125EXT		EA
Gutter - Quad 150	QUAD 150 HI FRONT SLOTTED	GUTT-150GUT		LM
Gutter - Quad 150	QUAD 150 HI FRONT SLOTTED END STOPS	GUTT-150END		EA
Gutter - Quad 150	QUAD 150 HI FRONT SLOTTED BRACKETS	GUTT-150BRA		EA
Gutter - Quad 150	QUAD 150 FRONT SLOTTED EXTERNAL CORNER	GUTT-150EXT		EA
Gutter - Quad 150	QUAD 150 FRONT SLOTTED INTERNAL CORNER	GUTT-150INT		EA
Gutters - Universal Drop/Pop	UNIVERSAL GUTTER DOWNPIPE DROP 90/100 x 75	GUTT-UNIDROP		EA

Fasteners

Category	Product Name	Stock Code	Image	Uom
Rivets - Flashings	BLIND RIVET 3.2MM - 100 PACK COLOUR (General Flashings)	PATA-BR100BUY		PACK
Rivets - Receiver Channel	RIVET 4.0mm (5/32") SURFMIST® (Suits Receiver Channel underside)	180114OW		EA
Hex Tek - Flashings	METAL TEKS 10x16 - PACK 100 - COLOURBOND® COLOURS (General Flashings)	FAST-TEK1016BUY		PACK

Roof lighting & accessories

Downlights

Category	Product Name	Stock Code	Image	UOM
Downlights - 9W Kit COOL	9W Solaris® ULTRASLIM LED DOWNLIGHT KIT - COOL WHITE	DL9W-KIT-COOL		EA
Downlights - 9W Kit WARM	9W Solaris® ULTRASLIM LED DOWNLIGHT KIT - WARM WHITE	DL9W-KIT-WARM		EA

UltraSlim Extra Bright 9W LED Downlight Kit Contents
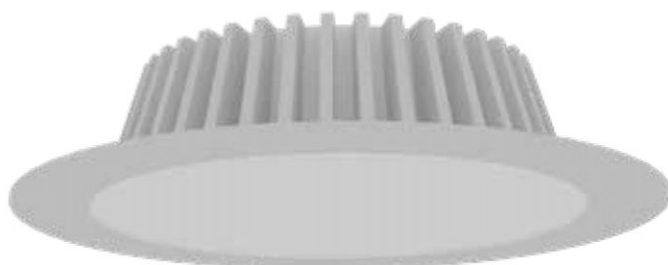
Approved and warranted for use with Solaris® roofing products.

2 x Trims included in kit (one white and one chrome)

2 x Extension lead 6m

1 x 9W Driver

Fans

Category	Product Name	Stock Code	Image	UOM
Fan Kit (excl Timber Screws)	SOLARIS® FAN ATTACHMENT LOCKING KIT (CONSISTS OF TWO TIMBER SCREW AND TWO NUTS)	ILS-FANSNUT		EA

Note: Advise panel thickness at the time of ordering fan kits.

Skylights

Bondor®'s Naturelite® skylight system is designed for exclusive use with Solaris® RidgePanel® trapezoidal insulated patio roofing to increase natural light into outdoor living areas. The Naturelite® skylight roof and ceiling panels are opal in colour and are developed to the RidgePanel's roof and ceiling profile specification. Made from high impact and UV stabilized material, the skylight is proven for use with outdoor patio applications in Australia. Naturelite® skylights deliver a smart and modern lighting solution that is easy to install with brighter results.

Naturelite® roofing light diffuser panel pitched for weatherability and self-cleaning

RidgePanel® Naturelite® Skylight Insert Stop End

Naturelite® integrated clip system for less fasteners, more light and simple installation

Naturelite® ceiling light diffuser panel with flush kit and interlocking design
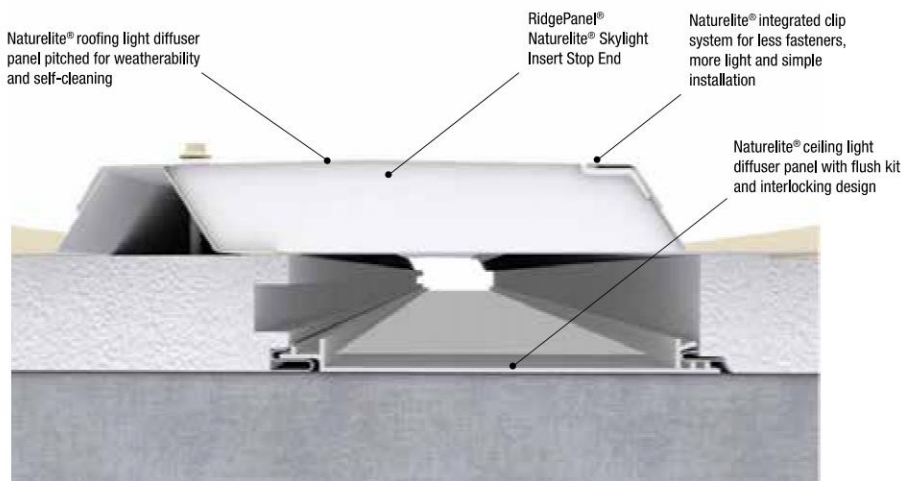
Note: It is recommended to pre-drill oversized holes to allow for thermal expansion for Naturelite® Skylight before installation.

RidgePanel® Skylights

Category	Product Name	Stock Code	Image	UOM
Solaris® RidgePanel Naturelite Skylight Kit - 5.0m	SOLARIS® RIDGEPANEL NATURELITE KIT - ROOF, CEILING & INSERTS 5.0m	PATA-SKYSSROOF50		EA
		PATA-SKYSSCEIL50		EA
Solaris® RidgePanel Naturelite Skylight Kit - 7.5m	SOLARIS® NATURELITE KIT - ROOF, CEILING & INSERTS 7.5m	PATA-SKYSSROOF75		EA
		PATA-SKYSSCEIL75		EA
RidgePanel® Skylight Insert	RIDGEPANEL® NATURELITE PATIO SKYLIGHT SS INSERT	PATA-SKYSSINSERT		EA
Solaris® Single Skin Flat Pan Naturelite	SOLARIS® SINGLE SKIN FLAT PAN NATURELITE KIT - ROOF & INSERTS	NO CODE		EA
Solaris Single Skin W-Pan Naturelite	SOLARIS® SINGLE SKIN W-PAN NATURELITE KIT - ROOF & INSERTS	NO CODE		EA

Beams, Posts & Connectors

Metal Tek 10x16

M10 Cup Head Bolt & Washer Assembly

M8 Hex Head Bolt Assembly

Metal Tek 12x20
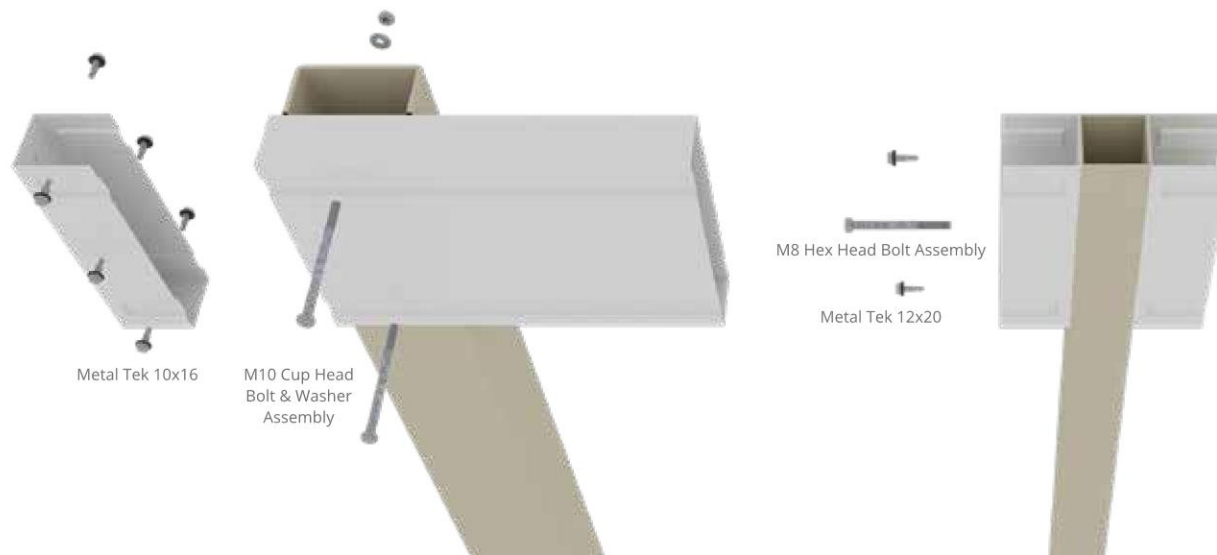
Firmlok beam colours (Hi-gloss only)

Thredbo White®   Classic Cream™'   Monument®   Paperbark®

Note: Other COLORBOND® colours may be available, minimum quantity may be required.

Beams, posts & connectors
Firmlok beams

Category	Product Name	Stock Code	Image	Uom
Beam RFB 10040	FIRMLOK 100X50 x 1.1mm COLORBOND® - 4000mm	PATB-FLK100-4000		EA
Beam RFB 10050	FIRMLOK 100X50 x 1.1mm COLORBOND® - 5000mm	PATB-FLK100-5000		EA
Beam RFB 10061	FIRMLOK 100X50 x 1.1mm COLORBOND® - 6100mm	PATB-FLK100-6100		EA
Beam RFB 15040	FIRMLOK 150X50 x 1.5mm COLORBOND® - 4000mm	PATB-FLK150-4000		EA
Beam RFB 15050	FIRMLOK 150X50 x 1.5mm COLORBOND® - 5000mm	PATB-FLK150-5000		EA
Beam RFB 15061	FIRMLOK 150X50 x 1.5mm COLORBOND® - 6100mm	PATB-FLK150-6100		EA
Beam RFB150075	FIRMLOK 150X50 x 1.5mm COLORBOND® - 7500mm	PATB-FLK150-7500		EA
Beam RFB 15090	FIRMLOK 150X50 x 1.5mm COLORBOND® - 9000mm	PATB-FLK150-9000		EA
Beam RFB 20061	FIRMLOK 200X50 x 2mm COLORBOND® - 6100mm	PATB-FLK200-6100		EA
Beam RFB 20075	FIRMLOK 200X50 x 2mm COLORBOND® - 7500mm	PATB-FLK200-7500		EA®
Beam RFB 20090	FIRMLOK 200X50 x 2mm COLORBOND® - 9000mm	PATB-FLK200-9000		EA

Post, beams & connectors

Beam joiners & Brackets

Category	Product Name	Stock Code	Image	Uom
Beam RBF JNR 100	FIRMLOK 100 INTERNAL BEAM JOINER ZINC (BEAM TO BEAM)	PATB-INTJOIN100		EA
Beam RFB JNR 150	FIRMLOK 150 INTERNAL BEAM JOINER ZINC (BEAM TO BEAM)	PATB-INTJOIN150		EA
Beam RFB JNR 200	FIRMLOK 200 INTERNAL BEAM JOINER ZINC (BEAM TO BEAM)	PATB-INTJOIN200		EA
Beam RFB BRA 100	FIRMLOK UNI BRACKET 100 COLORBOND® (BEAM END CAP)	PATB-FLKUNIB100		EA
Beam RFB BRA 150	FIRMLOK UNI BRACKET 150 COLORBOND® (BEAM END CAP)	PATB-FLKUNIB150		EA
Beam RFB BRA 200	FIRMLOK UNI BRACKET 200 COLORBOND® (BEAM END CAP)	PATB-FLKUNIB200		EA
Beam RFB BWBRA	BRICK WALL BRACKET COLORBOND® (BRICK WALL SUSPENSION)	PATB-FLKBRICKBRA		EA
Beam RFB SUS BRA 100	FIRMLOK SUSP BRACKET 100 COLORBOND® (POST SUSPENSION)	PATB-FLKSUSB100		EA
Beam RFB SUS BRA 150	FIRMLOK SUSP BRACKET 150 COLORBOND® (POST SUSPENSION)	PATB-FLKSUSB150		EA
Beam RFB SUS BRA 200	FIRMLOK SUSP BRACKET 200 COLORBOND® (POST SUSPENSION)	PATB-FLKSUSB200		EA

Fasteners

Category	Product Name	Stock Code	Image	Uom
Fasteners	BEAM-POST (75/90mm NOTCHED) CUP HEAD BOLT & NUT M10 X 110mm (GALV)	FAST-CHM10-110		EA
Fasteners	BEAM-POST (75/90mm UNNOTCHED) CUP HEAD BOLT & NUT M10 X 160mm (GALV)	FAST-CHM10-160		EA
Fasteners	METAL TEKS 12x20 - BEAM COLOURS (BRACKET TO BEAM CONNECTION)	FAST-MET1220		EA
Fasteners	METAL TEKS 10x16 - PACK 100 - COLORBOND® COLOURS (BEAM END CAP ONLY - NON STRUCTURAL)	FAST-TEK1016BUY		EA

Post, beams & connectors

Post - steel 75 SHS

Category	Product Name	Stock Code	Image	Uom
Post - Steel 75 2400	STEEL POSTS 75 x 75 x 2400 x 4mm - UNNOTCHED - POWDER COATED	PATP-STP75S-2400		EA
Post - Steel 75 3000	STEEL POSTS 75 x 75 x 3000 x 4mm - UNNOTCHED - POWDER COATED	PATP-STP75S-3000		EA
Post - Steel 75 3500	STEEL POSTS 75 x 75 x 3500 x 4mm - UNNOTCHED - POWDER COATED	PATP-STP75S-3500		EA
Post - Steel 75 4000	STEEL POSTS 75 x 75 x 4000 x 4mm - UNNOTCHED - POWDER COATED	PATP-STP75S-4000		EA
Post - Steel 75N 2400	STEEL POSTS 75 x 75 x 2400 x 4mm - NOTCHED - POWDER COATED	PATP-STP75N-2400		EA
Post - Steel 75N 3000	STEEL POSTS 75 x 75 x 3000 x 4mm - NOTCHED - POWDER COATED	PATP-STP75N-3000		EA
Post - Steel 75N 3500	STEEL POSTS 75 x 75 x 3500 x 4mm - NOTCHED - POWDER COATED	PATP-STP75N-3500		EA
Post - Steel 75N 4000	STEEL POSTS 75 x 75 x 4000 x 4mm - NOTCHED - POWDER COATED	PATP-STP75N-4000		EA

Post - steel 90 SHS

Category	Product Name	Stock Code	Image	Uom
Post - Steel 90 2400	STEEL POSTS 90 x 90 x 2400 x 2.5mm - UNNOTCHED - POWDER COATED	PATP-STP90S-2400		EA
Post - Steel 90 3000	STEEL POSTS 90 x 90 x 3000 x 2.5mm - UNNOTCHED - POWDER COATED	PATP-STP90S-3000		EA
Post - Steel 90 3500	STEEL POSTS 90 x 90 x 3500 x 2.5mm - UNNOTCHED - POWDER COATED	PATP-STP90S-3500		EA
Post - Steel 90 4000	STEEL POSTS 90 x 90 x 4000 x 2.5mm - UNNOTCHED - POWDER COATED	PATP-STP90S-4000		EA
Post - Steel 90N 2400	STEEL POSTS 90 x 90 x 2400 x 2.5mm - NOTCHED - POWDER COATED	PATP-STP90N-2400		EA
Post - Steel 90N 3000	STEEL POSTS 90 x 90 x 3000 x 2.5mm - NOTCHED - POWDER COATED	PATP-STP90N-3000		EA
Post - Steel 90N 3500	STEEL POSTS 90 x 90 x 3500 x 2.5mm - NOTCHED - POWDER COATED	PATP-STP90N-3500		EA
Post - Steel 90N 4000	STEEL POSTS 90 x 90 x 4000 x 2.5mm - NOTCHED - POWDER COATED	PATP-STP90N-4000		EA

Post, beams & connectors

Post - Aluminium

Category	Product Name	Stock Code	Image	Uom
Post - Alum 67 2400	ALUMINIUM POSTS 67 x 67 - POWDER COATED - 2400	PATP-ALP67F-2400		EA
Post - Alum 67 2700	ALUMINIUM POSTS 67 x 67 - POWDER COATED - 2700	PATP-ALP67F-2700		EA
Post - Alum 67 3000	ALUMINIUM POSTS 67 x 67 - POWDER COATED - 3000	PATP-ALP67F-3000		EA
Post - Alum 67 Foot	ALUMINIUM POST FOOT 67mm - POWDER COATED	PATP-ALPOSTFOOT		EA

Connectors

Category	Product Name	Stock Code	Image	Uom
Post-Beam Connectors	CONNECTOR ALUMINIUM POST 67mm (BEAM TO POST - UNNOTCHED)	PATP-POSTCONAL67		EA
Post-Beam Connectors	CONNECTOR STEEL POST 75mm (BEAM TO POST - UNNOTCHED)	PATP-POSTCONST75		EA
Post-Beam Connectors	CONNECTOR STEEL POST 90mm (BEAM TO POST - UNNOTCHED)	PATP-POSTCONST90		EA
Post-Slab Connectors	CONNECTOR STEEL POST-SLAB 75mm x 3mm & 5mm WASHER	PATP-POSTCONST75		EA
Post-Slab Connectors	CONNECTOR STEEL POST-SLAB 90mmx 3mm & 5mm WASHER	PATP-POSTCONST90		EA

Base plate steel 75 & 90 SHS

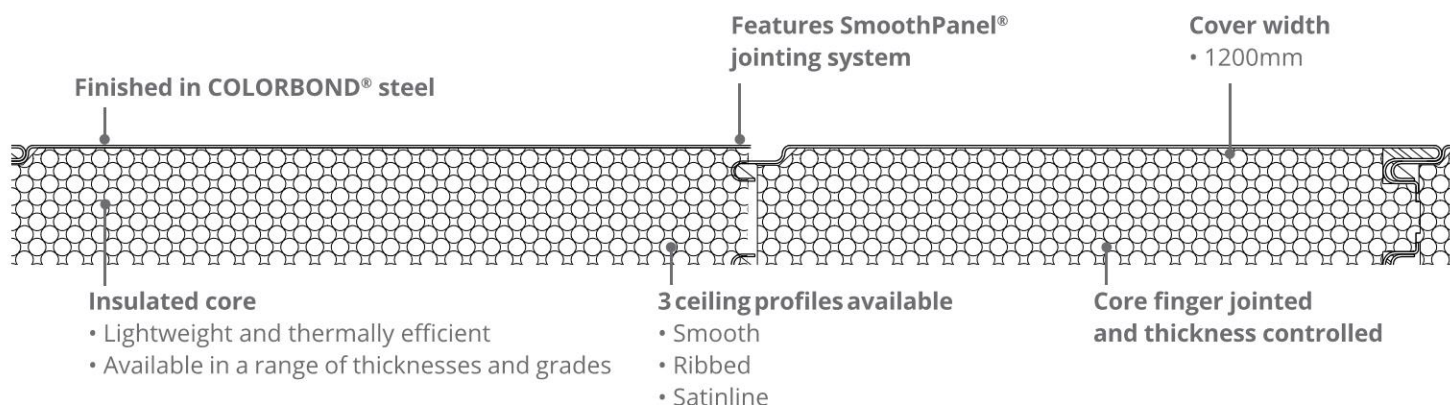| Category	Product Name	Stock Code	Image	Uom
Base Plate 75 SHS	BASE PLATE 75 x 75	PATP-BASEPLATE75		EA
Base Plate 90 SHS	BASE PLATE 90 x 90	PATP-BASEPLATE90		EA

SOLARIS
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Wall panel

SmoothPanel®

Multi purpose insulated panel. High quality, commercial class flatness, range of thicknesses, customised lengths and ease of installation make it an ideal building panel for projects of any scale. SmoothPanel® is ideal for internal walls and internal ceilings for both residential and agricultural projects.

SMOOTHPANEL

Features SmoothPanel® jointing system

Cover width
• 1200mm

Finished in COLORBOND® steel

Insulated core
• Lightweight and thermally efficient
• Available in a range of thicknesses and grades

3 ceiling profiles available
• Smooth
• Ribbed
• Satinline

Core finger jointed and thickness controlled

Category	Product Name	Stock Code	Uom
SmoothPanel 50	SMOOTHPANEL 50mm SL 0.6 COLORBOND® INTRAMAX™	BPQ050	SQM
SmoothPanel 75	SMOOTHPANEL 75mm SL 0.6 COLORBOND® INTRAMAX™	BPQ075	SQM
SmoothPanel 100	SMOOTHPANEL 100mm SL 0.6 COLORBOND® INTRAMAX™	BPQ100	SQM
SmoothPanel 125	SMOOTHPANEL 125mm SL 0.6 COLORBOND® INTRAMAX™	BPQ125	SQM
SmoothPanel 150	SMOOTHPANEL 150mm SL 0.6 COLORBOND® INTRAMAX™	BPQ150	SQM
SmoothPanel 200	SMOOTHPANEL 200mm SL 0.6 COLORBOND® INTRAMAX™	BPQ200	SQM
SmoothPanel 250	SMOOTHPANEL 250mm SL 0.6 COLORBOND®INTRAMAX™	BPQ250	SQM
SmoothPanel 50 XIP - CC Stock	SMOOTHPANEL 50mm SL 0.6 CLASSIC CREAM™ - STOCK LENGTH 2400MM	CCQ0502400	EA
SmoothPanel 50 XIP	SMOOTHPANEL 50mm SL 0.6 COLOUR/COLOUR	BPQ050**/**	SQM
SmoothPanel 75 XIP	SMOOTHPANEL 75mm SL 0.6 COLOUR/COLOUR	BPQ075**/**	SQM
SmoothPanel 100 XIP	SMOOTHPANEL 100mm SL 0.6 COLOUR/COLOUR	BPQ100**/**	SQM
SmoothPanel 125 XIP	SMOOTHPANEL 125mm SL 0.6 COLOUR/COLOUR	BPQ125**/**	SQM
SmoothPanel 150 XIP	SMOOTHPANEL 150mm SL 0.6 COLOUR/COLOUR	BPQ150**/**	SQM
SmoothPanel 200 XIP	SMOOTHPANEL 200mm SL 0.6 COLOUR/COLOUR	BPQ200**/**	SQM

Wall Panel Accessories

Angles

Category	Product Name	Stock Code	Image	Uom
Angles	WALL INTERNAL CORNER ANGLE 25x25x1.6 6.5m SURFMIST®	121602OW		EA
Angles	WALL-CEILING COVER ANGLE 50x50x1.6 6.5m SURFMIST®	122608OW		EA
Angles	50mm SMOOTHPANEL CAPPING ANGLE 70x40x1.6 6.5m SURFMIST®	122618OW		EA

Door Jambs

Category	Product Name	Stock Code	Image	Uom
Door Jamb 50	50mm SMOOTHPANEL DOOR JAMB - 5300mm SURFMIST®	120183OW		LTH
Door Jamb 75	75mm SMOOTH PANEL DOOR JAMB - 5300mm SURFMIST®	120184OW		LTH
Door Jamb 100	100mm SMOOTH PANEL DOOR JAMB - 5300mm SURFMIST®	120185OW		LTH
Door Jamb Gasket Seal (Mandatory)	DOOR JAMB PERIMETER GASKET SEAL - ROLL 16M	210093	IMAGE NOT AVAILABLE	ROLL

Base Channel

Category	Product Name	Stock Code	Image	Uom
Base Channels	BASE CHANNEL 50mm 6.5m SURFMIST®	122630OW		EA
Base Channels	BASE CHANNEL 50mm 6.5m CLASSIC CREAM™	122630CC		EA
Base Channels	BASE CHANNEL 75mm 6.5m SURFMIST®	122632OW		EA
Base Channels	BASE CHANNEL 100mm 6.5m SURFMIST®	122634OW		EA
Base Channels	BASE CHANNEL 150mm 6.5m SURFMIST®	122636OW		EA

Fixings

Category	Product Name	Stock Code	Image	Uom
Rivet	RIVET 4.0mm (5/32") SURFMIST®	180114OW		EA

Engineering

Roofing panel span tables

Case A 3 open sides / freestanding	Case B 2 open sides	Case C 1 open side	Case D fully enclosed

RIDGEPANEL

Wind category	Panel thickness (mm)	Case A 3 open sides / freestanding Max. span	Case B 2 open sides Max. span	Case C 1 open side Max. span	Case D fully enclosed Max. span
N1	50	5400	5300	4800	5100
	75	6700	6300	5500	5800
	100	7700	7000	6300	6600
	125	8000	6900	6300	7300
	150	9000	8100	7600	8000
	200	10500	9800	9100	9400
N2	50	5400	4400	4000	4300
	75	6300	5300	4800	5000
	100	7700	6100	5500	5600
	125	8000	6700	6000	6200
	150	8700	7200	6500	6800
	200	9900	8200	7400	7700
N3	50	4800	3500	3200	3300
	75	5700	4200	3800	4000
	100	6400	4800	4200	4400
	125	6900	5200	4700	4800
	150	7500	5700	5100	5300
	200	8500	6400	5800	6100
N4	50	3900	2800	2600	2500
	75	4400	3300	3100	3200
	100	5000	3800	3400	3500
	125	5500	4200	3700	3800
	150	6000	4400	4100	4300
	200	6800	5100	4600	4900
C1	50	4800	3500	3200	2500
	75	5800	4500	3800	3000
	100	6800	4900	4400	3600
	125	7600	5500	5000	4000
C2	50	3900	2800	2600	1900
	75	4700	3400	3000	1900
	100	5500	4000	3600	2600
	125	6200	4500	4100	2900
C3	50	3200	2300	1900	-
	75	3900	2400	2000	-
	100	4500	3200	2700	1800
	125	5100	3600	3000	1900

Maximum Cantilever/Overhang is 25% of immediate backspan.

CORROPANEL

Wind category	Panel thickness (mm)	Case A 3 open sides / freestanding Max. span	Case B 2 open sides Max. span	Case C 1 open side Max. span	Case D fully enclosed Max. span
N1/N2	50	5300	4650	4150	4200
	75	6800	5550	5000	5000
	100	7300	6400	5750	5300
	125	7900	7000	6400	6000
	150	8700	7750	7000	6500
	200	9700	8950	8050	7400
N3	50	5000	3800	3400	3400
	75	6000	4300	4100	3800
	100	6500	4950	4400	4300
	125	7400	5600	5000	4500
	150	8200	6000	5600	4800
	200	9500	6950	5600	5100
N4	50	3800	2850	2800	2600
	75	4600	3450	3100	3100
	100	5250	3950	3800	3500
	125	5950	4600	4000	3650
	150	6400	4970	4200	3800
	200	7300	5450	4500	4000
C1	50	4050	3450	3100	2800
	75	4850	4100	3750	3600
	100	5500	4400	4300	3900
	125	6000	5100	4600	4350
C2	50	3350	2800	2500	2250
	75	4050	3400	3000	2900
	100	4600	3700	3300	3200
	125	5100	4000	3600	3400
C3	50	2700	1800	1800	1200
	75	3400	2000	1950	1300
	100	3800	2300	2200	1600
	125	4000	2600	2500	1800

Maximum Cantilever/Overhang is 25% of immediate backspan.

NOTES
1. These span tables apply to enclosed buildings less than 20 metres high with sealed doors and windows and patio roofing as shown.
2. Maximum overhang lengths cannot exceed 25% of panel backspan. Customers are advised to use a thicker panel if greater overhang lengths are required.
3. Minimum roof width is 1.5 x overhang.
4. RidgePanel to be fixed every crest. Additional mid-crest fixing required for Wind Class C2, C3 and C4. Additional pan fixing required in Cyclonic Regions C1-C4.
5. CorroPanel to be fixed every second crest for Non-Cyclonic N1-N4. Fixed every crest for Cyclonic C1-C3.
6. Total live load up to 140kg allowed on spanned sections of roof only. (Live loads not permitted on overhangs)
7. These span tables are based on specific deflection limits calculated from serviceability loads for each wind class. (Deflection limits may be exceeded during extreme weather conditions when serviceability wind speeds are higher than usual.
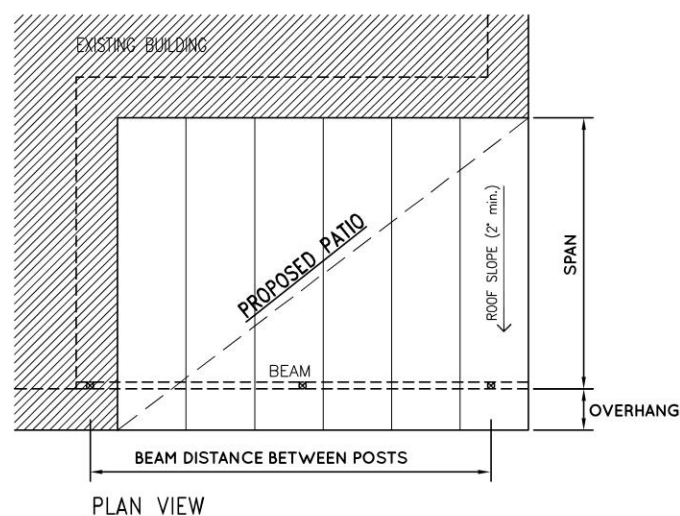
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Engineering

Maximum load on beam

Load width on the beam

* Load width on beam = 0.5 x span + overhang

PLAN VIEW

Uplift load on the beam

Use the load width from above to select the uplift load on the beam (kN/m) from the table below for the particular wind category and patio type

Wind category	Load width (mm)	Uplift load on beam (kN/m)			
		Case A 3 open sides	Case B 2 open sides	Case C 1 open side	Case D fully enclosed
N1/N2 (W33N)	1500	0.84	1.44	1.73	1.58
	2100	1.17	2.02	2.42	2.22
	2700	1.50	2.59	3.11	2.85
	3300	1.84	3.17	3.80	3.48
	3900	2.17	3.74	4.49	4.12
	4500	2.51	4.32	5.18	4.75
	5100	2.84	4.90	5.88	5.39
	5700	3.17	5.47	6.57	6.02
	6300	3.51	6.05	7.26	6.65
	6900	3.84	6.62	7.95	7.29
	7500	4.18	7.20	8.64	7.92
	8100	4.51	7.78	9.33	8.55
	8700	4.84	8.35	10.02	9.19
	9000	5.01	8.64	10.37	9.50
	9600	5.35	9.22	11.06	10.14
N3 (W41N)	1500	1.31	2.25	2.70	2.48
	2100	1.83	3.15	3.78	3.47
	2700	2.35	4.05	4.86	4.46
	3300	2.87	4.95	5.94	5.45
	3900	3.39	5.85	7.02	6.44
	4500	3.92	6.75	8.10	7.43
	5100	4.44	7.65	9.18	8.42
	5700	4.96	8.55	10.26	9.41
	6300	5.48	9.45	11.34	10.40
	6900	6.00	10.35	12.42	11.39
	7500	6.53	11.25	13.50	12.38
	8100	7.05	12.15	14.58	13.37
	8700	7.57	13.05	15.66	14.36
	9000	7.83	13.50	16.20	14.85
	9600	8.35	14.40	17.28	15.84
N4 (W50N)	1500	1.94	3.35	4.02	3.68
	2100	2.72	4.69	5.63	5.16
	2700	3.50	6.03	7.23	6.63
	3300	4.27	7.37	8.84	8.10
	3900	5.05	8.71	10.45	9.58
	4500	5.83	10.05	12.06	11.05
	5100	6.60	11.39	13.66	12.52
	5700	7.38	12.73	15.27	14.00
	6300	8.16	14.07	16.88	15.47
	6900	8.93	15.40	18.49	16.95
	7500	9.71	16.74	20.09	18.42
	8100	10.49	18.08	21.70	19.89
	8700	11.27	19.42	23.31	21.37
	9000	11.65	20.09	24.11	22.10
	9600	12.43	21.43	25.72	23.58

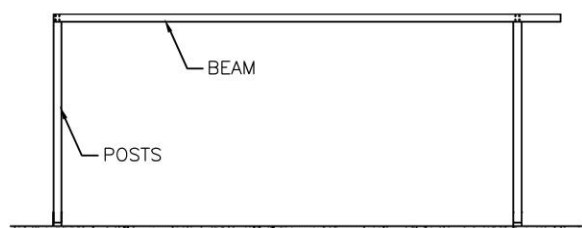| Wind category	Load width (mm)	Uplift load on beam (kN/m)			
		Case A 3 open sides	Case B 2 open sides	Case C 1 open side	Case D fully enclosed
C1 (W41C)	1500	1.31	2.25	2.70	2.70
	2100	1.83	3.15	3.78	3.78
	2700	2.35	4.05	4.86	4.86
	3300	2.87	4.92	5.94	5.84
	3900	3.39	5.85	7.02	7.02
	4500	3.92	6.75	8.10	8.10
	5100	4.44	7.65	9.18	9.18
	5700	4.96	8.55	10.26	10.26
	6300	5.48	9.45	11.34	11.34
	6900	6.00	10.35	12.42	12.42
	7500	6.53	11.25	13.50	13.50
	8100	7.05	12.15	14.58	14.58
	8700	7.57	13.05	15.66	15.66
	9000	7.83	13.50	16.20	16.20
	9600	8.35	14.40	17.28	17.28
C2 (W50C)	1500	1.94	3.35	4.02	4.02
	2100	2.72	4.69	5.63	5.63
	2700	3.50	6.03	7.23	7.23
	3300	4.27	7.37	8.84	8.84
	3900	5.05	8.71	10.45	10.45
	4500	5.83	10.05	12.06	12.06
	5100	6.60	11.39	13.66	13.66
	5700	7.38	12.73	15.27	15.27
	6300	8.16	14.07	16.88	16.88
	6900	8.93	15.40	18.49	18.49
	7500	9.71	16.74	20.09	20.09
	8100	10.49	18.08	21.70	21.70
	8700	11.27	19.42	23.31	23.31
	9000	11.65	20.09	24.11	24.11
	9600	12.43	21.43	25.72	25.72
C3 (W60C)	1500	2.86	4.93	5.91	5.91
	2100	4.00	6.90	8.28	8.28
	2700	5.15	8.87	10.65	10.65
	3300	6.29	10.84	13.01	13.01
	3900	7.43	12.81	15.38	15.38
	4500	8.58	14.79	17.74	17.74
	5100	9.72	16.76	20.11	20.11
	5700	10.86	18.73	22.47	22.47
	6300	12.01	20.70	24.84	24.84
	6900	13.15	22.67	27.20	27.20
	7500	14.29	24.64	29.57	29.57
	8100	15.44	26.61	31.94	31.94
	8700	16.58	28.58	34.30	34.30
	9000	17.15	29.57	35.48	35.48
	9600	18.29	31.54	37.85	37.85

Notes:
1. Linear interpolation is permitted between Load Width values in the table.
2. In cyclonic regions, it is assumed that doors/windows will blow in and therefore fully enclosed is designed as 1 open side as this is a worse case than fully enclosed.
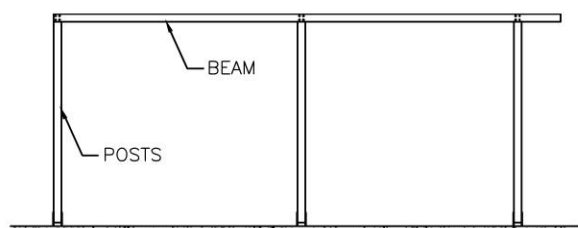
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BEAM AND MAXIMUM POST SPACING

Use the uplift load on the beam (kN/m) to select a suitable beam and span from the table below.
Ensure the beam's load capacity (kN/m) exceeds the load on the beam.

Beam details		Maximum beam span mm (distance between posts)															
Beam type	Beam Size	1800		2400		3000		3600		4200		4800		5400		6000	
		Single span	Multi-span	Single span	Multi-span	Single span	Multi-span	Single span	Multi-span	Single span	Multi-span	Single span	Multi-span	Single span	Multi-span	Single span	Multi-span
RHS	76x38x2.5	7.9	7.9	4.3	4.3	2.6	2.7	1.5	1.8	0.9	1.3	0.6	1.0	0.4	0.8	-	-
	75x50x3	13.2	13.2	7.4	7.4	4.3	4.6	2.5	3.1	1.5	2.3	1.0	1.7	0.7	1.3	0.5	1.0
	100x50x3	20.7	20.7	11.6	11.6	7.4	7.4	5.1	5.1	3.2	3.8	2.1	2.9	1.5	2.3	1.1	1.8
	125x75x3	36.7	36.7	20.6	20.6	13.2	13.2	9.2	9.2	6.7	6.7	4.9	5.1	3.5	4.0	2.5	3.3
	150x50x3	39.9	39.9	22.4	22.4	14.3	14.3	9.9	9.9	7.3	7.3	5.6	5.6	4.3	4.4	3.1	3.5
	150x100x4	114.3	113.3	64.3	64.3	41.1	41.1	28.5	28.5	18.0	21.0	12.0	16.0	8.4	12.7	6.1	10.2
Timber	140x45 F7	15.0	13.0	6.6	7.3	3.4	4.7	1.9	3.2	1.2	2.2	0.8	1.5	-	1.0	-	-
	190x45 F7	27.3	23.7	15.3	13.3	8.5	8.5	4.9	5.9	3.1	4.3	2.0	3.3	1.4	2.6	1.0	1.9
	150x50 F14	19.1	16.6	10.7	9.3	6.9	6.0	4.1	4.1	2.5	3.0	1.7	2.3	1.2	1.8	0.8	1.5
	200x50 F14	34.0	29.6	19.1	16.6	12.2	10.6	8.5	7.4	6.1	5.4	4.1	4.1	2.8	3.2	2.1	2.6
	150x75 F14	28.7	25.0	16.1	14.0	10.3	9.0	6.1	6.2	3.8	4.5	2.6	3.5	1.8	2.7	1.3	2.2
	200x75 F14	51.1	44.4	28.7	25.0	18.4	16.0	12.7	11.1	9.2	8.1	6.1	6.2	4.3	4.9	3.1	4.0
Purlins	C15015	14.5	15.9	8.1	8.2	4.0	5.4	2.2	3.7	1.3	2.7	0.8	2.0	0.5	1.4	-	1.0
	C15019	15.7	26.4	8.8	15.8	5.6	7.6	3.0	5.3	1.7	3.7	1.1	2.6	0.7	1.9	0.5	1.4
	C20015	20.2	15.1	11.3	10.3	7.2	6.1	4.1	4.6	2.4	3.6	1.5	2.8	1.0	2.2	0.7	1.8
	C20019	29.3	28.0	16.5	18.6	10.5	10.6	5.7	7.8	3.5	5.7	2.2	4.3	1.1	3.4	1.0	2.5
Lysaght Firmlok	F10011	7.8	6.3	4.7	4.7	2.9	3.0	1.6	2.1	1.0	1.5	-	1.1	-	-	-	-
	F15015	11.4	9.1	8.5	6.8	6.8	5.4	5.0	4.5	3.7	3.7	2.5	2.8	1.8	2.2	1.3	1.8
	F20020	18.2	14.5	13.6	10.9	10.9	8.7	9.1	7.2	7.3	6.2	5.6	5.4	4.4	4.4	3.5	3.6

SINGLE SPAN

DOUBLE (MULTI) SPAN

QLD TRAILER PRODUCT LOADING
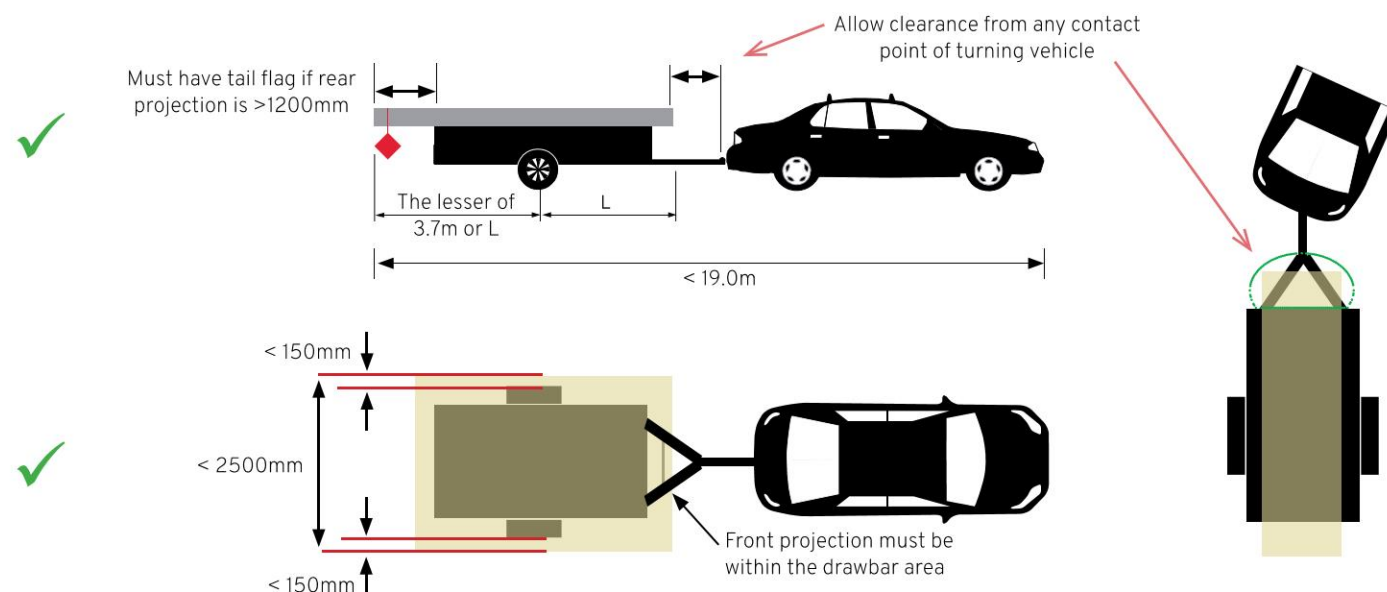
Must have tail flag if rear projection is >1200mm

Allow clearance from any contact point of turning vehicle

The lesser of 3.7m or L

L

< 19.0m

< 150mm

< 2500mm

< 150mm

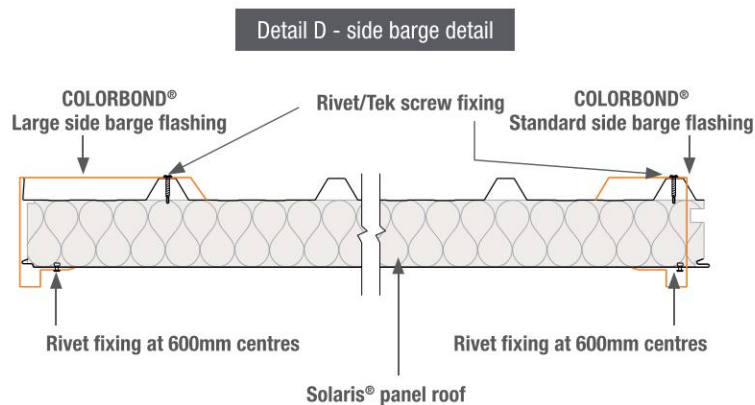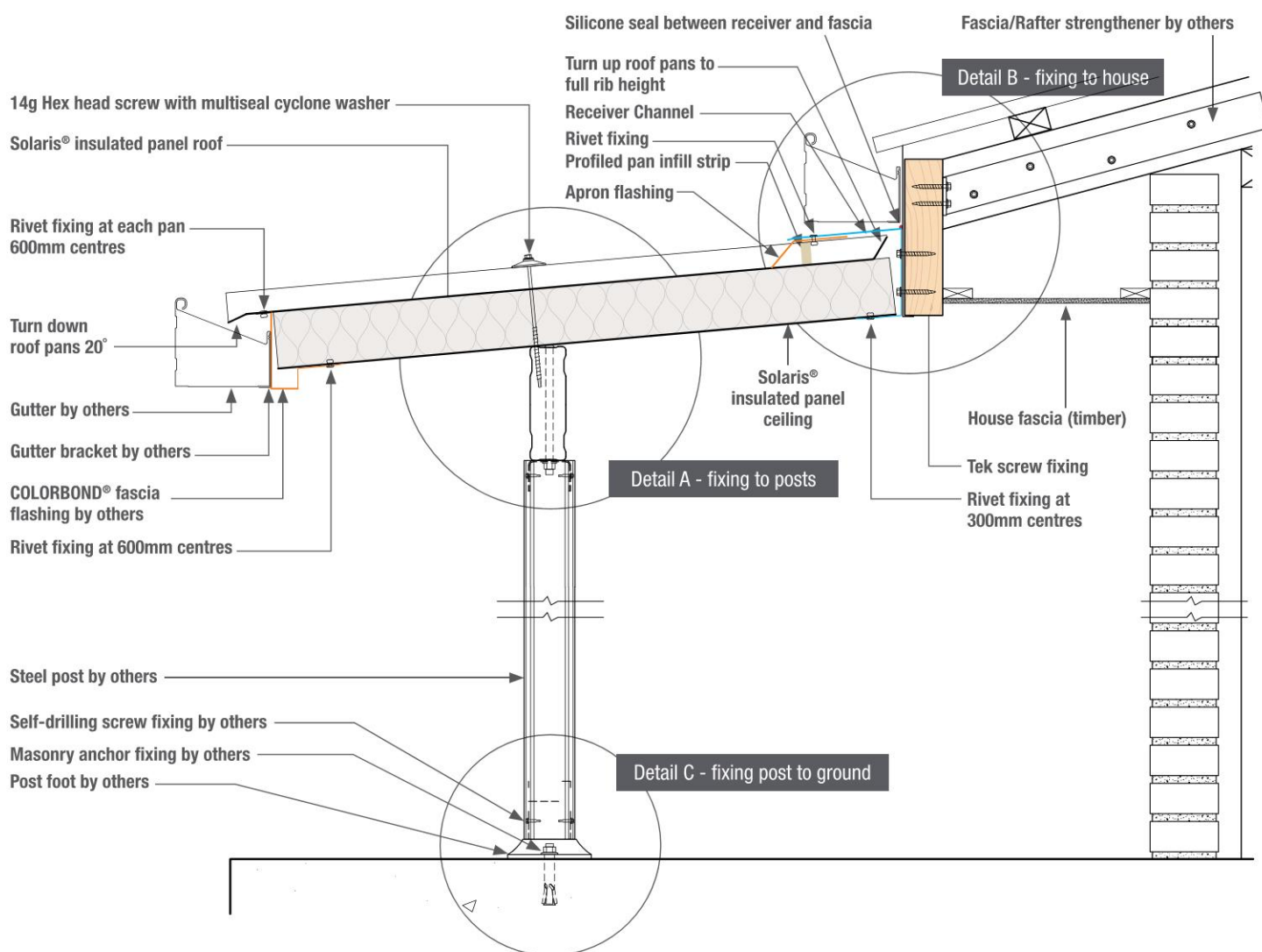Front projection must be within the drawbar area

RIDGEPANEL

Panel thickness	Weight per m²	Minimum length	Maximum length	Maximum weight per panel	Panels per pack	Maximum local flat bed truck length
50mm	10.58kg	1600mm	9000mm	95.22kg	16	9m
75mm	10.94kg	1600mm	10000mm	109.40kg	12	9m
100mm	11.30kg	1600mm	14000mm	158.20kg	8	9m
125mm	11.64kg	1600mm	16000mm	186.24kg	6	9m
150mm	11.98kg	1600mm	18000mm	215.64kg	6	9m
200mm	12.65kg	1600mm	18000mm	227.70kg	4	9m

CORROPANEL

Panel thickness	Weight per m²	Minimum length	Maximum length	Maximum weight per panel	Panels per pack	Maximum local flat bed truck length
50mm	11.58kg	1800mm	9000mm	104.22kg	16	9m
75mm	11.94kg	1800mm	10000mm	119.40kg	12	9m
100mm	12.30kg	1800mm	12000mm	147.60kg	8	9m
125mm	12.64kg	1800mm	12000mm	151.68kg	6	9m
150mm	12.98kg	1800mm	12000mm	155.76kg	6	9m
200mm	13.65kg	1800mm	12000mm	163.80kg	4	9m

SMOOTHPANEL

Panel thickness	KGs per m²	Minimum length	Maximum length	Maximum weight per panel	Panels per pack	Maximum local flat bed truck length
50mm	11.30kg	1200mm	9000mm	122.04kg	20	9m
75mm	11.60kg	1200mm	10000mm	139.20kg	16	9m
100mm	12.00kg	1200mm	12000mm	172.80kg	12	9m
150mm	12.70kg	1200mm	16000mm	243.84kg	8	9m

Patio construction overview - attached flat/skillion patio

The below overview is conceptual only. Contact Bondor® or your reseller, for Solaris® Patio Engineering certified construction details.

Silicone seal between receiver and fascia

Fascia/Rafter strengthener by others

Turn up roof pans to full rib height

Detail B - fixing to house

14g Hex head screw with multiseal cyclone washer

Receiver Channel

Rivet fixing

Solaris® insulated panel roof

Profiled pan infill strip

Apron flashing

Rivet fixing at each pan 600mm centres

Solaris® insulated panel ceiling

Turn down roof pans 20°

House fascia (timber)

Gutter by others

Detail A - fixing to posts

Gutter bracket by others

Tek screw fixing

COLORBOND® fascia flashing by others

Rivet fixing at 300mm centres

Rivet fixing at 600mm centres

Steel post by others

Self-drilling screw fixing by others

Masonry anchor fixing by others

Detail C - fixing post to ground

Post foot by others

Detail D - side barge detail

COLORBOND® Large side barge flashing

Rivet/Tek screw fixing

COLORBOND® Standard side barge flashing

Rivet fixing at 600mm centres

Rivet fixing at 600mm centres

Solaris® panel roof

Solaris® installation instructions

This example shows a typical installation to an existing house timber fascia.

Handy Tips

Prepare your carpenter's trestles (or similar work platform) by taping soft material or foam to the top of the trestles.
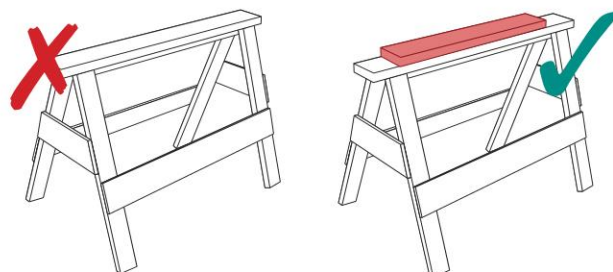
Step 1: Panel preparation

Place Solaris® panel roof side up on the trestles (avoid dragging the panel to eliminate damage).

Padding

Solaris® roof panel

Trestle

Padding
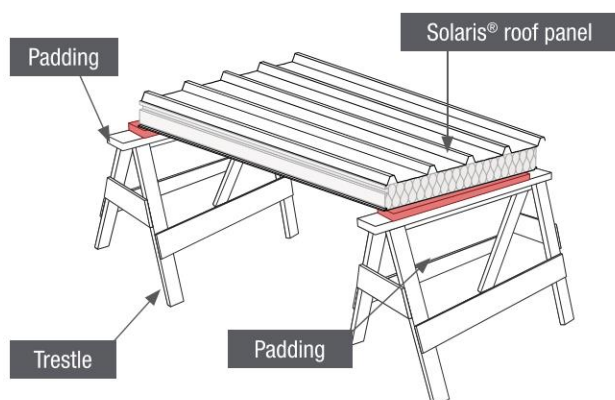
Step 2: Trim overlap & bend 90°

FIRST PANEL ONLY. The first overlay rib on the first panel acts as waterproofing under the side barge/apron and should be trimmed using sheers as shown below.

Trim Overlap & Bend up 90°
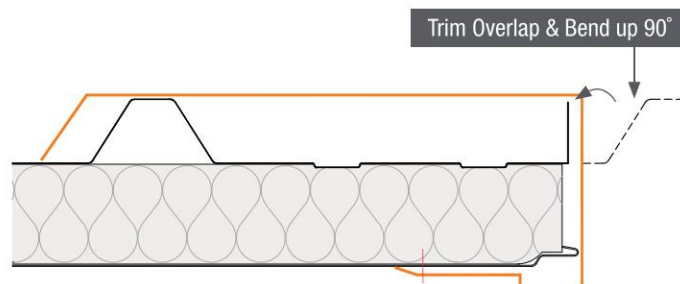
Step 3: Remove foam & house fascia end

Cutaway foam below pans at the fascia (house) end to allow the pan turn up.

Fascia End of roof panel

Triangular cut away

Use knife to remove a triangular section
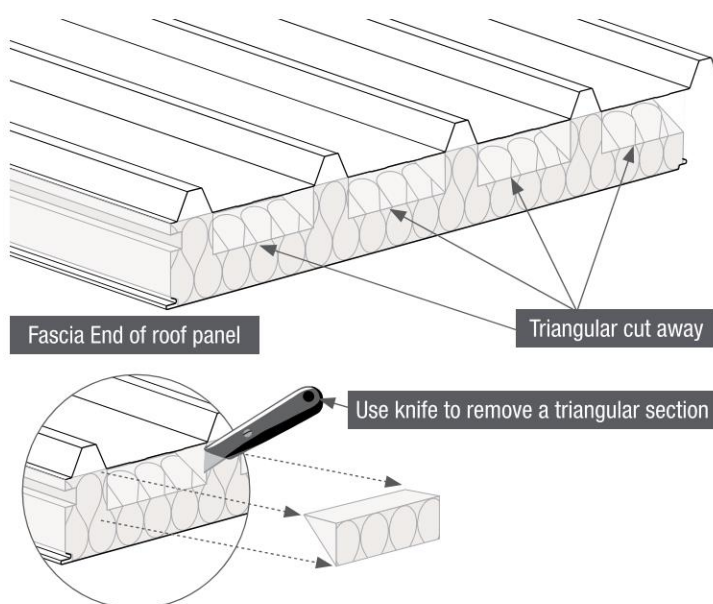
Step 4: Turn up pans fascia end

Solaris® roofs should always have the roof pans at the top or house end turned up to full rib height. It is important to ensure the pan is turned up to the full rib height for the complete width of the pan so no 'low' points exists. The Turn-up/Turn-down tool is available from your Solaris® distributor.

Bend towards the centre of the roof until the turn up is full rib height

Hammer up corners to full rib height
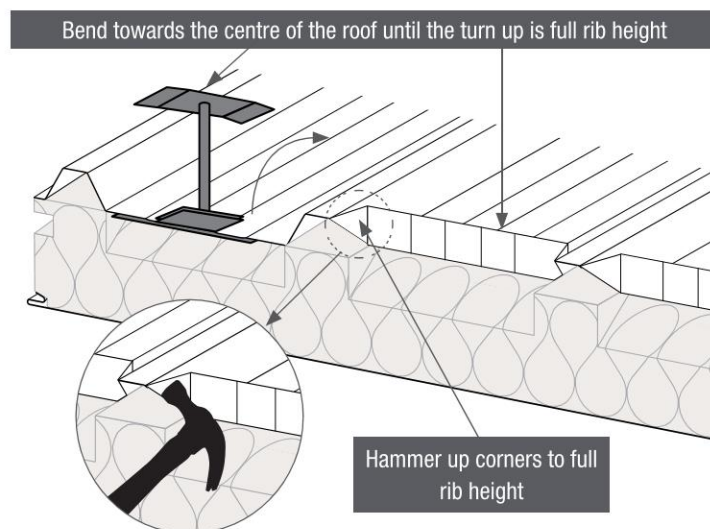
Step 5: Trim house fascia end overlap

Trim the overlay rib to prevent fouling with the turned up pan of the adjacent panel.

Corner of Solaris® roof sheet that will be overlapped

Cut corner

Tin snips

Trim the corner and remove the piece
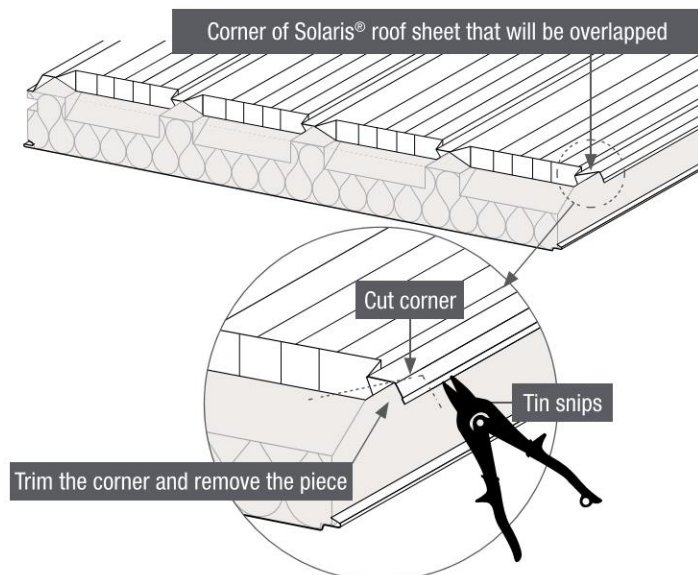
Step 6: Trim gutter end underlap

Trim the underlay rib of every Solaris® panel at the gutter end to prevent water drawback via capillary action.

Corner of Solaris® roof sheet that will be overlapped

Overlapping Solaris® roof panel

Cut corner max 20mm

Trim the top and bottom corner and remove the piece
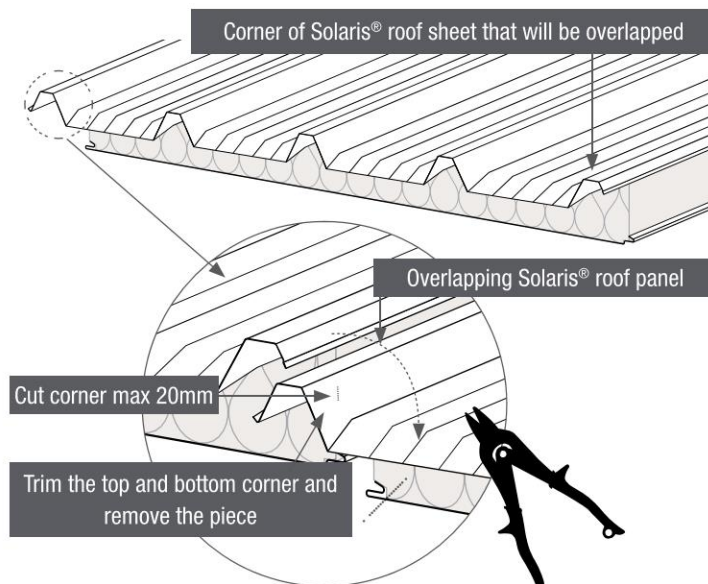
Step 7: Remove gutter cutback foam

Turn the panel over roof side down on the trestles. Remove core material from the gutter cutback end of the panel with a plastic paint scraper to ensure that the fascia flashing can be installed correctly.

Use plastic paint scraper

Clean revealed surface
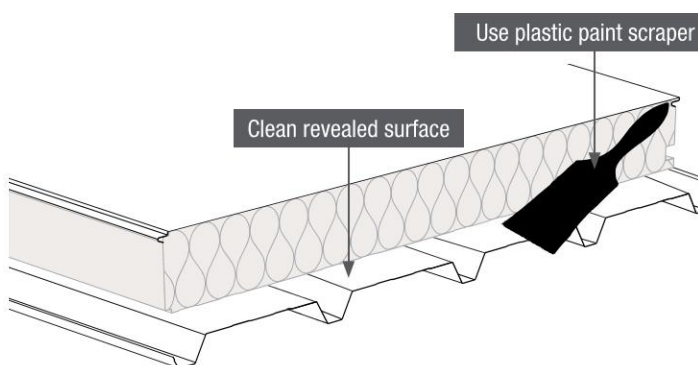
Step 8: Electrical preparation

Mark the location of each downlight/fan, cut appropriate size hole in the Solaris®. Feed electrical conduit through service duck to fan or light location. The ceiling core-strip protective film should be left on while any marking, drilling and cutting is carried out. Install the lighting/fan as per instructions. LED Downlights & fan bracket kits are available from your Solaris® installer or contact Solaris® for more information.

Light location cut with hole saw

Services Duct

Feed electrical conduit through service duct to fan or light location.
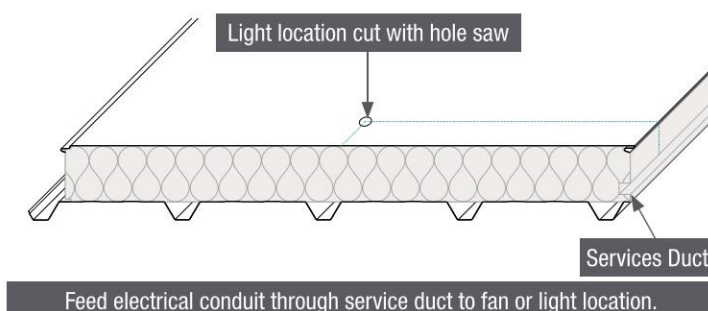
Step 9: Peel back plastic

Peel back protective coating on all edges of the panel ensuring you are past the beam at the front of the patio.

Carefully peel off the plastic coating

Peel back the front edge to past the beam support

Peel back the edges
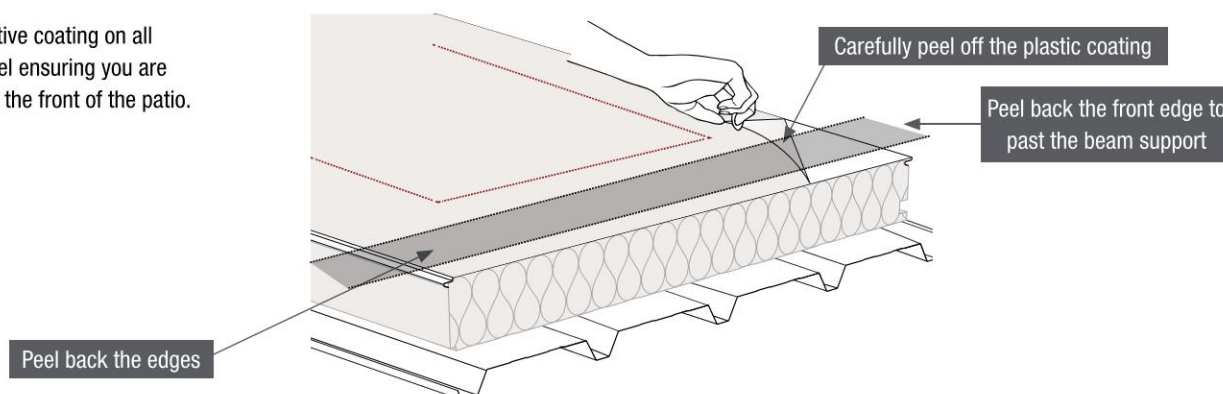
Step 10: Installing panel

Place a towel or blanket over the beams that the first panel will be in contact with. Place the cutback end (gutter or low end) on to the covered beam and then push the panel back into the rear receiver channel.
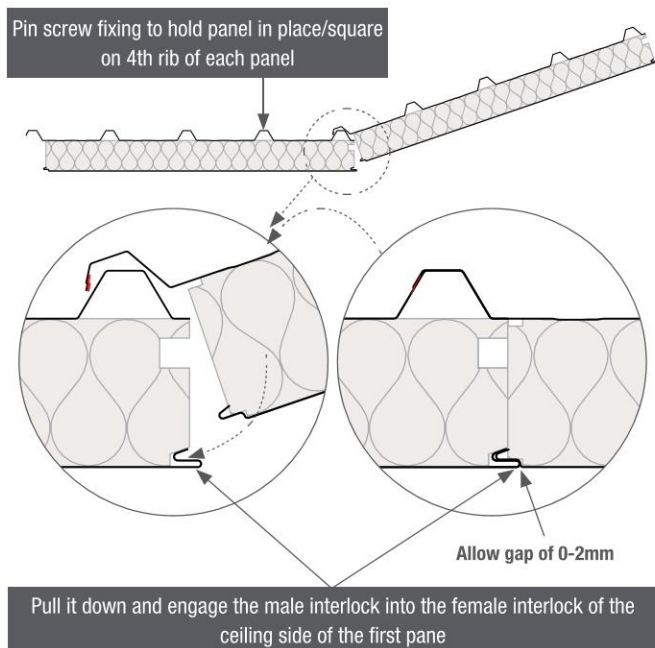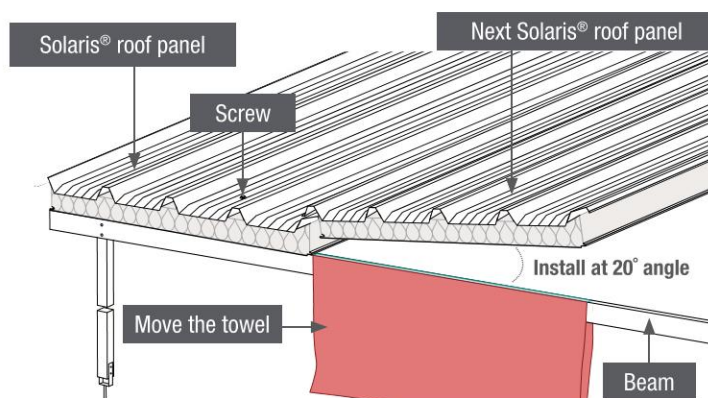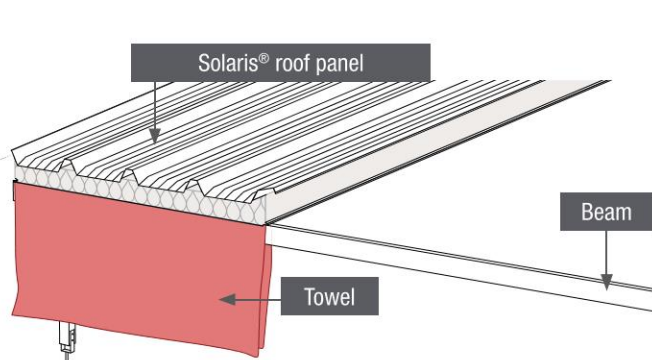
Square off this first panel. Pin with a screw fixing in the top middle rib and with a rivet underneath receiver channel to hold it square and in place.

Note: For longer span ensure panel is supported mid-span to allow for join to engage.

To install the second panel, place the overlay flap of the roof skin over the previously fitted panel and with the panel at approx 20° pull it down and engage the male interlock into the female interlock.

Slide this second panel towards the back receiver channel. To be sure you are successful, the ceiling join should be a neat 'V' join, with 0-2mm of the male interlock showing.

Screw fix to the beam and rivet bottom of the receiver channel ensuring your line is square.

Solaris® roof panel

Beam

Towel

Solaris® roof panel

Next Solaris® roof panel

Screw

Install at 20° angle

Move the towel

Beam

Pin screw fixing to hold panel in place/square on 4th rib of each panel

Allow gap of 0-2mm

Pull it down and engage the male interlock into the female interlock of the ceiling side of the first pane

Step 12: Screw down remaining Ribs

Screw down the remaining ribs. Refer to fixing recommendations on Page 5.

Screw remaining ribs
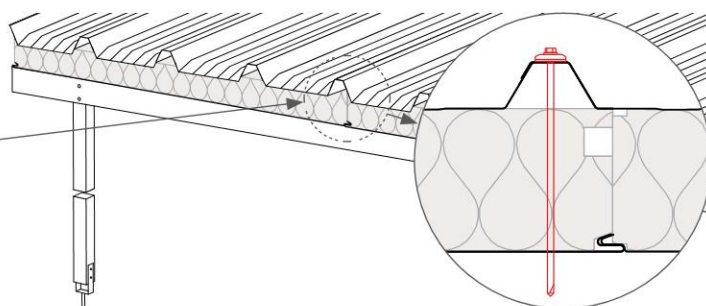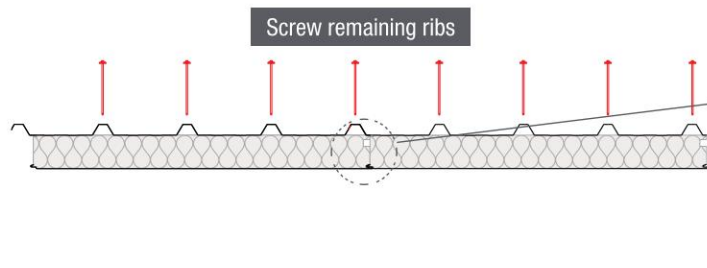
Step 13: Fix to receiver channel

Fix receiver channel to the top (above ribs) and the bottom of the panel.

Fix panel top through the receiver channel

Profiled pan infill strip

Silicone seal

Fix panel bottom through the receiver channel

Receiver Channel
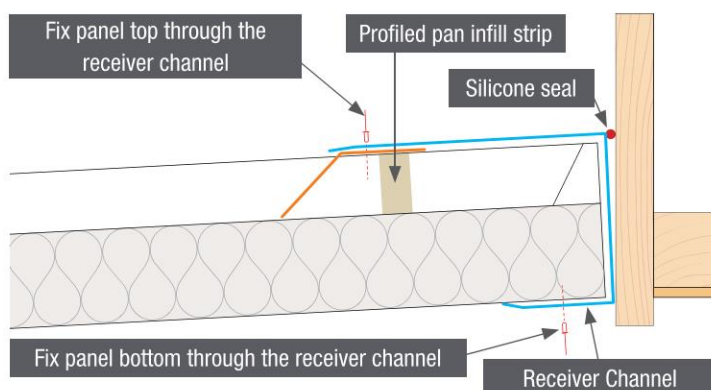
Step 14: Clean down roof

Once roof fixings are installed use a soft broom to sweep swarf and debris off the roof surface before installing flashings. Once flashings and gutter are installed clean the flashings and roof using the same method. Ensure gutters are clear from swarf and debris to prevent corrosion. A wet microfiber cloth can be used on COLORBOND® to clean down any marks.

Pally Pub - Solaris Corropanel VJ
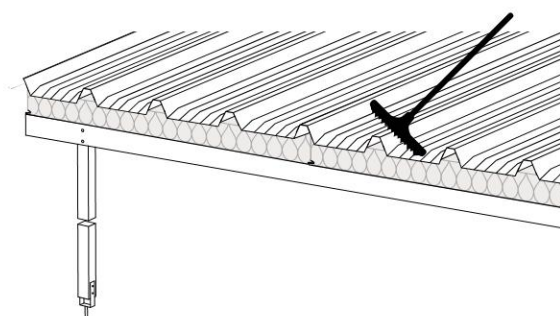
Ceiling fans bracket kit

Where lights or ceiling fans are required, electrical cabling should be pre-wired through the fascia, sheathed inside flexible conduit inside the service ducts on the female side of the panel. Locate fans and lights away from slip joint by drilling horizontally through the foam and then using the appropriate diameter metal-holesaw, drill through the underside of the steel sheet to required depth. Fans should be located centrally below a rib as through fixing is required for bracket.

Solaris® Roof

Conduit to fan

ø20 washer & spring washer & nut

Electrical installation should be carried out during panel installation - use flexible conduit to desired position

Tek screw with multiseal washer

Typical ceiling fan mounting bracket
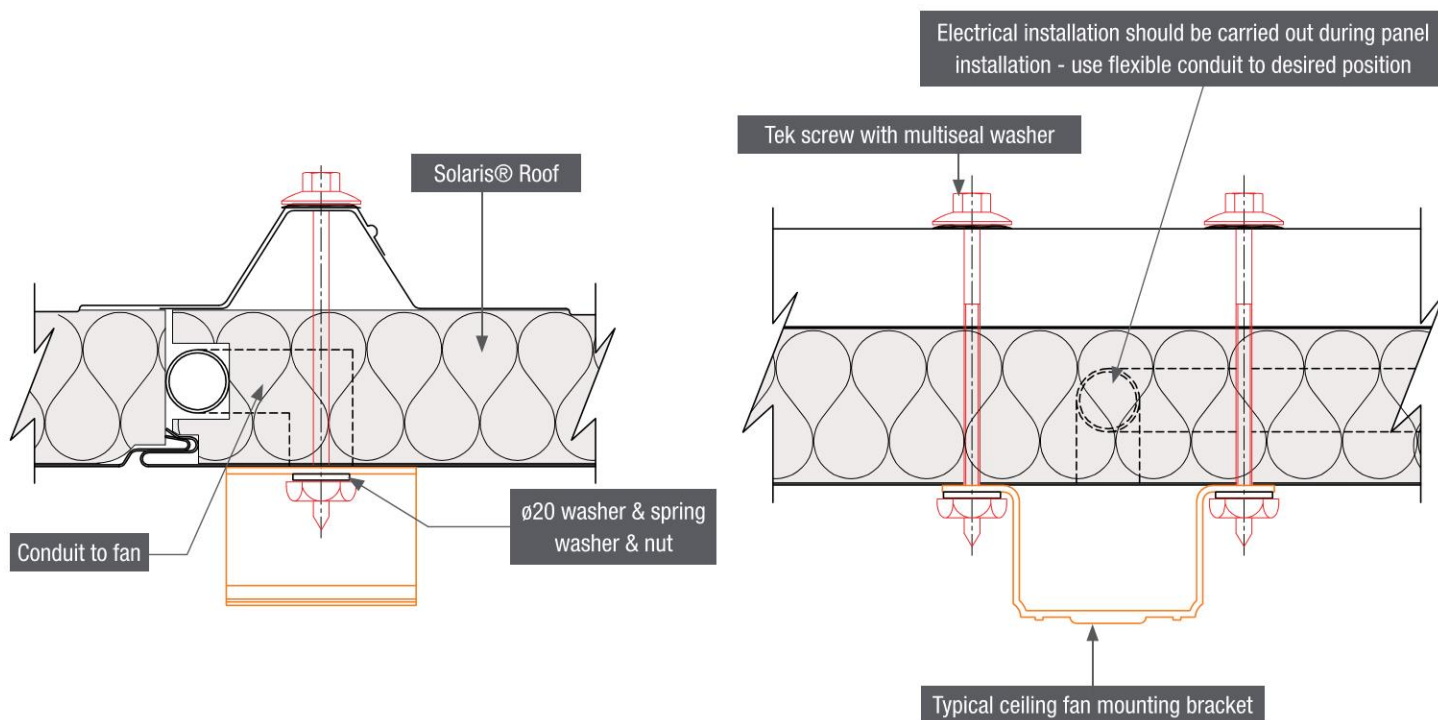
Clean up and Maintenance

Ensure all metal filings (swarf) are swept off and disposed of into bins as you install each sheet. These filings can leave unsightly stains on the surface of the sheet and also on floor tiles/pavers, etc, in the near vicinity.

Intermittent cleaning of all surfaces not washed by regular rainfall will prolong the life of the products and keep them looking their best. A mild detergent solution is recommended ensuring the surfaces are always wiped off with clean water afterwards. Hosing of the ceiling is to be avoided as it will cause water to sit inside panel joins and flashings leading to possible corrosion.

Skillion insulated patio kits

Whether you are after a relaxation zone, an entertainment area, having all year round outdoor space or simply wanting to add value to your home, a Solaris® patio offers the solution.

With a full spectrum of options and a range of benefits including durability, style, ease of installation and a cost effective end to end solution.

Our patios are made from Solaris® panel with a versatile paneling system that easily fits to a number of applications. It provides protection from the elements which is an important aspect in the enjoyment of the outdoor lifestyle.

Solaris® patios offer a permanent high performance roof to cover your outdoor recreation area, providing year round shelter from the sun and rain. It can be erected as either free standing or an attached structure, with a skillion or gable roof type ensuring maximum flexibility in design and use.

Design flexibility

High quality finish

Rapid build

Strong

Energy efficient

Sustainable

Low maintenance

Solaris