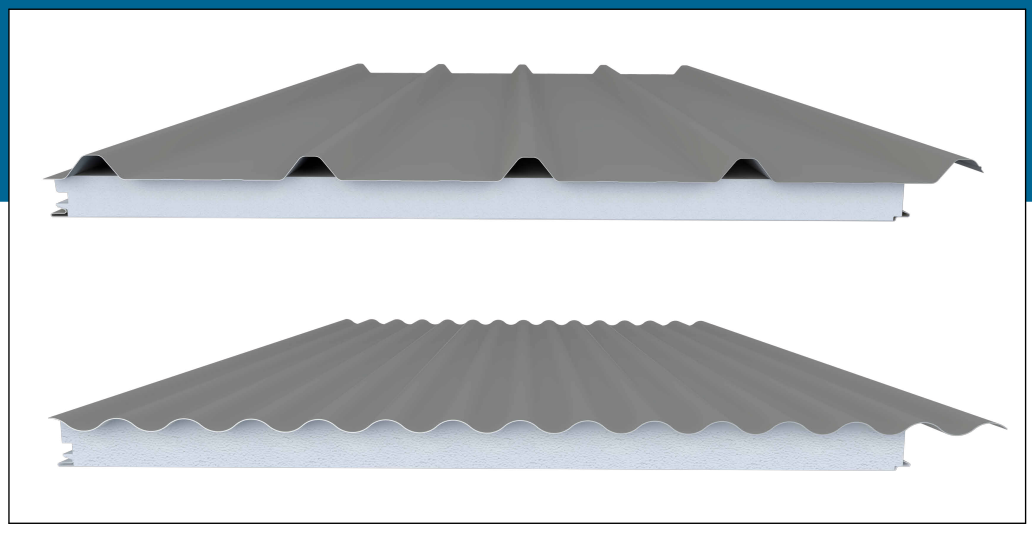
AUSDECK INSULATED ROOF INSTALL GUIDE

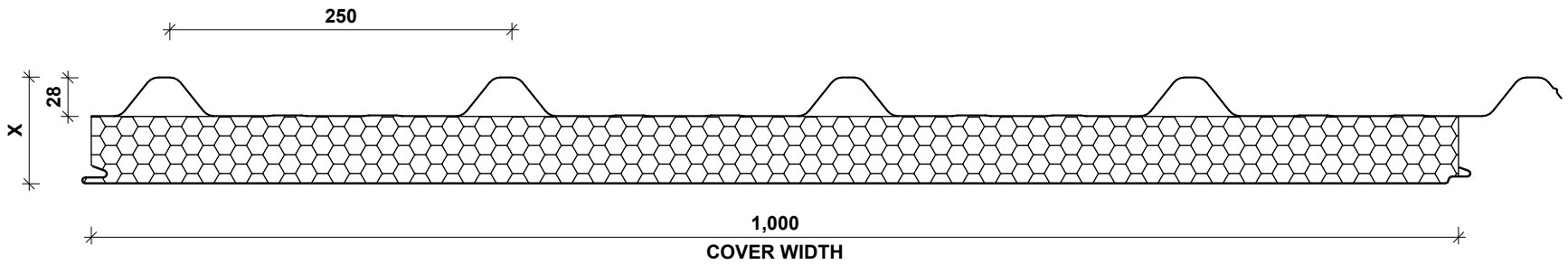


OVERVIEW

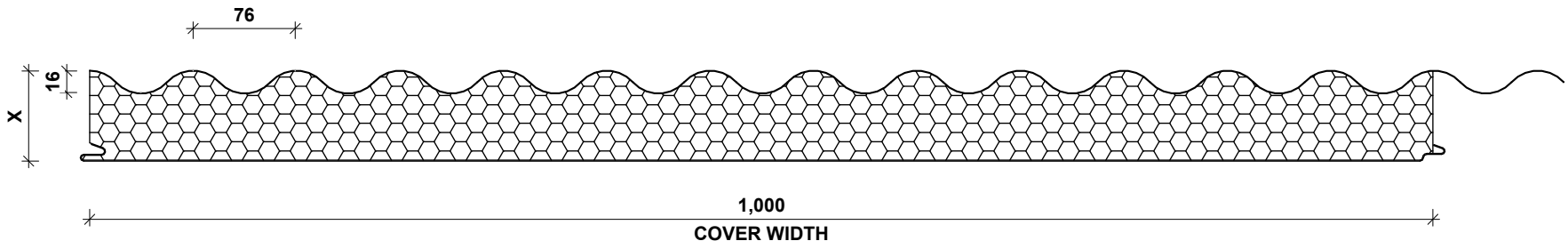
Ausdeck insulated roofing is an innovative 3-in-1 roofing system that provides a roof, insulation, and pre-finished ceiling in one modular product. With superior spanning capabilities and thermal properties, it is ideal for residential, industrial and commercial projects. Not only is it lightweight and fast to install, but it's also cost-effective, requiring fewer support beams, no additional ceiling layers and fewer trades compared to other roofing alternatives.

Insulated roofing is a versatile building material that can be used in various applications, from transportable buildings, educational and mining facilities, to outdoor patios, carports, awnings and walkways. Available in a variety of profiles, thicknesses, and colours, Ausdeck insulated roofing provides superb design flexibility to meet your project requirements.

PROFILE

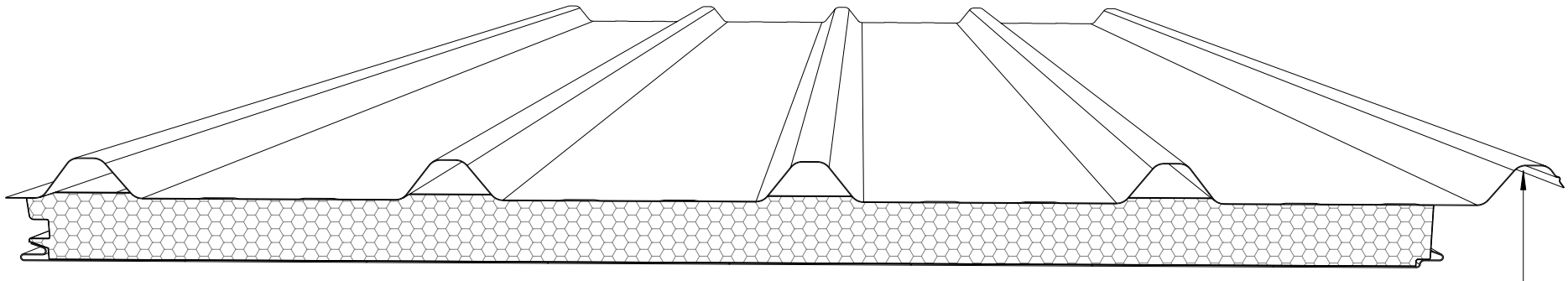


RIBBED INSULATED ROOF



CORRUGATED INSULATED ROOF

LAP & CUTBACK PROFILE

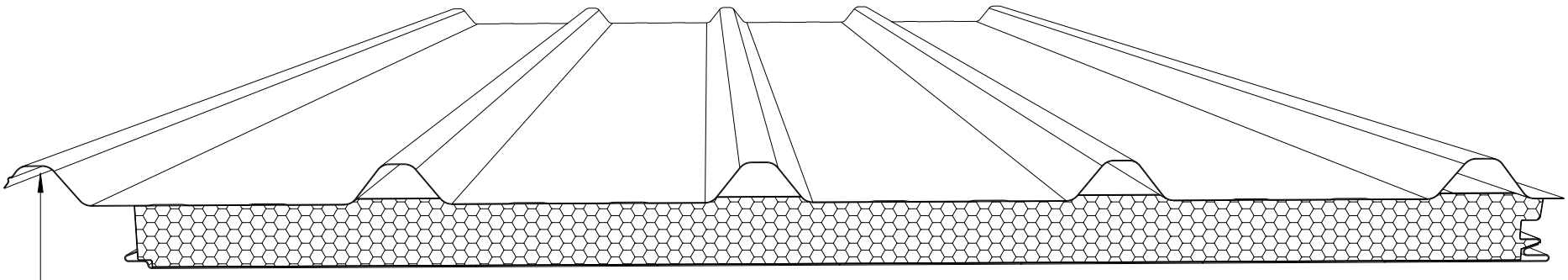


RIGHT LAP WITH 60mm CUT-BACK

Cut-back available in 60mm, 80mm, 100mm, 120mm, 150mm

Right Lay Direction

Note: This rib is generally removed on first sheet.

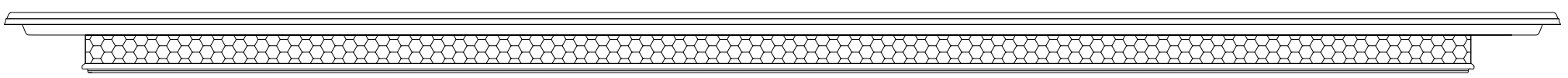


Note: This rib is generally removed on first sheet.

LEFT LAP WITH 60mm CUT-BACK

QLD - 60mm, 80mm & 120mm
NSW - 60mm only

Left Lay Direction



CUT-BACK AT BOTH ENDS

SPECIFICATIONS

Panel Size (mm)	50	75	100	125	150	175	200
Ribbed Overall Thickness (mm)	78	103	128	153	178	203	228
Corrugated Overall Thickness (mm)	66	91	116	141	166	191	216
Panel Coverage (mm)	1000						
Min. Length (m)	Cut to length 1.8						
Roof Profile & Material	Ribbed or Corrugated: 0.42 / AZ150 G550						
Ceiling Profile & Material	Smooth/V-Groove: 0.60 / AZ150 G300						
Ceiling Combinations	Ribbed/Smooth, Ribbed/V-Groove, Corrugated/Smooth						
Roof and Ceiling Finish	Roof: 25% Gloss, Ceiling: 25% Gloss						
Paint System	AS/NZS 2728 and AS 1397						
Min. Roof Pitch (°)	Ribbed 2° (35mm / metre) or 1° limited length, Corrugated 5° (87mm / metre)						
Core Material	SL Grade Polystyrene - Fire-Retardant						
Adhesive	Thermosetting two-part polyurethane CFC free						

NOTES: Deflection limit of span 1/150 applies, and in accordance with Serviceability Limit State criteria per AS1170.0 - TABLE C1. Insulated Patios/Carports are considered non-trafficable. However, Insulated Roofing is designed to support a concentrated load of up to 140 kg per square meter per AS/NZS 1170.1:2001, which includes the weight of a person walking on the roof for maintenance purposes only. It is recommended to display a non-trafficable sign on the structure. Selfweight of the panel has been allowed for, plus an allowance of max 25kg/m2 uniformly distributed dead loads. (e.g. lights, fans, solar panels, etc.). Distributed live load of 0.25kPa as per AS/NZS 1170.1:2001 has been allowed for. X related to Overall Thickness of the panel.

Ribbed

Panel Size (mm)	50	75	100	125	150	175	200
R Value 8°C m²KW	1.61	2.26	2.66	3.25	3.94	-	-
R Value 20°C m²KW	1.59	2.22	2.59	3.17	3.75	-	-
Panel Weight (kg/m²)	10.58	10.94	11.37	11.8	12.23	12.66	13.09

Corrugated

Panel Size (mm)	50	75	100	125	150	175	200
R Value 8°C m²KW	1.61	2.26	2.66	3.25	3.94	-	-
R Value 20°C m²KW	1.59	2.22	2.59	3.17	3.75	-	-
Panel Weight (kg/m²)	10.85	11.21	11.65	12.08	12.51	12.94	13.37

EARLY FIRE HAZARD PROPERTIES

Ribbed Insulated Roofing–AS 1530.3–EPS-FR Panel

Index	Test Range	External Top Skin	Exposed Core
Ignitability	0-20	0	12
Spread of Flame	0-10	0	9
Heat Evolved	0-10	0	7
Smoke Developed	0-10	1	7

Corrugated Insulated Roofing–AS 1530.3–EPS-FR Panel

Index	Test Range	External Top Skin	Exposed Core
Ignitability	0-20	0	12
Spread of Flame	0-10	0	9
Heat Evolved	0-10	0	7
Smoke Developed	0-10	1	7

AUSDECK Building Systems

SPAN TABLE

Wind Class	Panel Size	Wall to One Side (mm) 0.5/0.7 Cp,n	Walls to Two Sides (mm) 1.0 Cp,n	Walls to Three Sides (mm) 1.2 Cp,n	Enclosed (mm) 1.1-1.6 Cp,n	Open Four Sides (mm) 0.7 Cp,n	Open Four Sides (mm) 1.0 Cp,n	Overhang (mm)
N1	50	5300	5300	4700	5400	5300	5300	900
	75	7100	7000	5300	6500	7100	7000	900
	100	7800	7100	6100	7000	7800	7100	1200
	125	8800	8300	6700	7800	8800	8300	1500
	150	9600	8700	7500	8500	9600	8700	1800
	175	10,000	9100	8200	8900	10,000	9100	1800
	200	10,400	9500	8600	9300	10,400	9500	1800
N2	50	5000	4800	4200	4800	5000	4800	900
	75	6500	6100	5100	5900	6500	6100	900
	100	7000	6300	5400	6200	7000	6300	1200
	125	7800	7200	6000	6900	7800	7200	1500
	150	8600	7800	6600	7600	8600	7800	1800
	175	9300	8500	7300	8200	9300	8500	1800
	200	9900	9100	7800	8600	9900	9100	1800
N3	50	4800	3900	3300	3800	4800	3900	900
	75	5500	4900	4100	4800	5500	4900	900
	100	6200	5000	4300	4900	6200	5000	1200
	125	6800	5500	4800	5500	6800	5500	1500
	150	7400	6300	5200	6100	7400	6300	1700
	175	8000	6600	5600	6700	8000	6600	1700
	200	8600	7300	6200	7100	8600	7300	1700
N4	50	3600	3100	2700	3100	3600	3100	600
	75	4400	3900	3100	3900	4400	3900	900
	100	4600	4000	3500	4000	4600	4000	1200
	125	5100	4500	3900	4500	5100	4500	1300
	150	5600	5100	4300	5000	5600	5100	1400
	175	6100	5400	4600	5600	6100	5400	1500
	200	6800	6100	5200	6200	6800	6100	1500
C1	50	3800	3500	2900	3600	3800	3500	900
	75	4600	4200	3500	4400	4600	4200	900
	100	5300	4900	4100	5100	5300	4900	1200
C2	50	3100	2800	2300	2900	3100	2800	600
	75	3800	3500	2900	3600	3800	3500	600
	100	4400	4000	3300	4200	4400	4000	900
C3	50	2500	2300	1900	2400	2500	2300	400
	75	3100	2800	2400	2900	3100	2800	600
	100	3600	3300	2700	3400	3600	3300	600

AVAILABILITY

LOCATION

GENERAL SAFETY, STORAGE & HANDLING

The following general safety, storage and handling information should be considered a guide only. For detailed information trade professionals should refer and adhere to appropriate legislation, regulations and codes of practice.

GENERAL SAFETY

-Install fall protection gear like safety mesh, personal harnesses and perimeter guardrails as required by state law.

-Ensure you use the right tools for the right task.

-Do not walk on roofing or use power tools in wet and windy conditions.

-In windy or wet conditions, ensure you tie down roofing materials before fixing them.

-When walking on roofing, always wear flat rubber sole shoes.

-Where possible walk on purlins for your personal safety and to avoid damaging the roof.

-If you cannot walk on purlins, keep your weight evenly distributed by walking flat-footed.

-Avoid concentrating your weight on your heels or toes.

-When walking over corrugated roofing, spread your weight over as many ridges as possible.

-In contrast, for ribbed roofing, walk along the pans of the sheet.

-Consider installing a temporary working platform with handrails when working on a non-trafficable roof or where heavy foot traffic is likely.

-Do not walk on a roof overhang. Walk over or as close as possible to a support beam.

-Do not walk in the pan immediately adjacent to flashings or skylight strips.

ON-SITE DELIVERY

-Confirm the site is accessible to delivery vehicles and other safety or lifting equipment.

-Select a suitable level location to unload and store delivered products.

-Check that appropriate lifting equipment and labour is on-site before delivery, if required.

-Ensure lifting equipment suppliers are aware of your lifting requirements e.g. Lengths, height, weights, and materials.

-For panels of less than and greater than 9m in length use a truck with a crane and sling.

-For lifting panels greater than 9m in length, the use of spreader bar is recommended.

-A minimum of two people is recommended to handle and install

-Check that all materials delivered match your order before using them.

-Check off all parts against the parts described and illustrated in the installation 'components list'.

-If items are missing, do not begin, contact Ausdeck.

ON-SITE STORAGE

-Where possible keep products dry and off the ground.

-Avoid unpacking them until you are ready to install them.

-If left out in the open, protect your products with a waterproof cover.

-If products get wet, separate them, wipe them, and put them out to dry in the open air to prevent discolouration.

-Avoid leaving building products exposed to the sun for long periods as this can cause thermal bowing and make it hard to remove the plastic film on certain products.

-Powder-coated materials should not be left in plastic packaging for long period of time or be exposed to moisture.

-Dispose of plastic film and packaging in an environmentally responsible manner.

-Keep products safe from on-site trades and vehicles to avoid contaminants and damage.

-Where work is unfinished, the site must be secured to prevent damage to products and to ensure the safety of people.

-Do not place or stack other materials on top of delivered packs.

GENERAL HANDLING

- Always wear personal protective equipment when handling steel products.

-Take care when handling steel as some products are sharp and heavy.

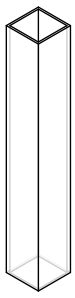
TOOLS REQUIRED

Use as a guide, other tools/equipment may be suitable. Safely work within your ability.

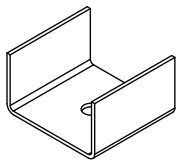
- Sheet metal locking pliers
- 4mm drill bit
- 5/16” & 3/8” nut setter
- 12mm masonry drill bit
- Standard Drill
- Impact drill driver
- Hammer drill
- 8m tape measure
- Caulking gun
- 16mm socket
- 1.8m ladder (2 required)
- Vice grips or clamps
- Pop riveter
- Stanley knife
- Masking tape
- Spirit level
- Angle grinder
- Marker
- Ruler
- Square
- String line
- 70mm hole saw
- Tin snips

Please wear recommended PPE for any tool used during construction

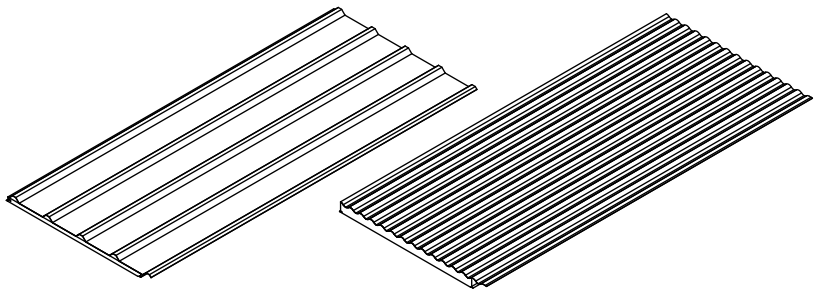
COMPONENT LIST



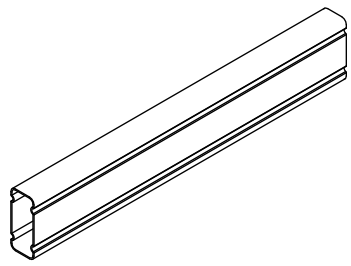
POST



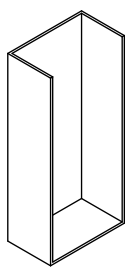
INTERNAL POST BRACKET



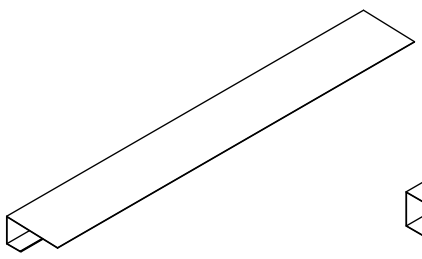
RIBBED/CORRO INSULATED PANEL



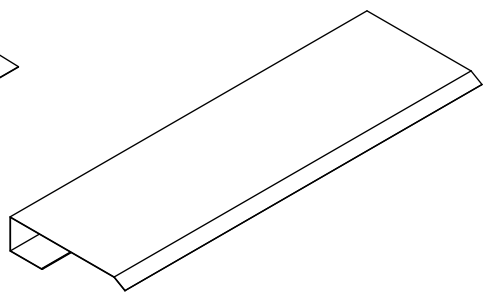
SHURELOCK BEAM



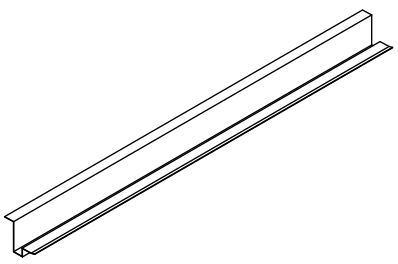
END CAP



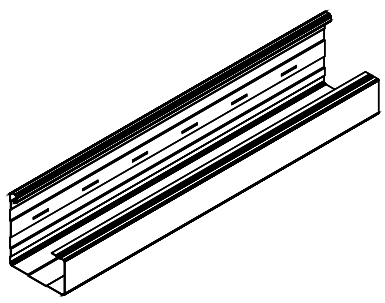
RECEIVER CHANNEL



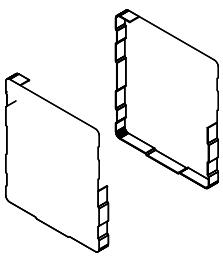
BARGE CAP



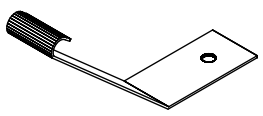
GUTTER FASCIA



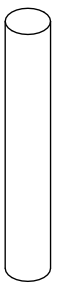
EZI-FIT GUTTER



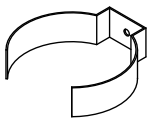
EZI-FIT GUTTER STOP END



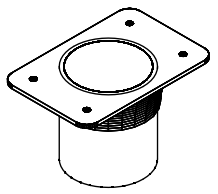
UNI-STRAP BRACKET



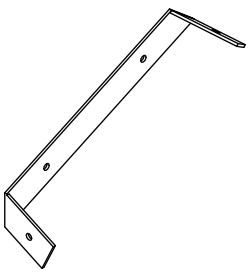
DOWNPIPE



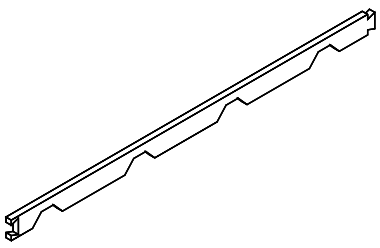
DOWNPIPE CLIP



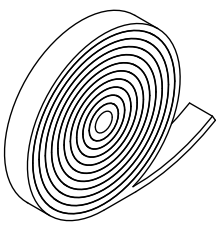
DOWNPIPE DROPPER



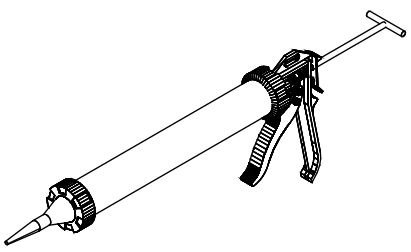
RAFTER BRACKET



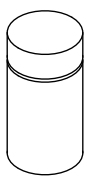
ROOF INFILL FOAM



RECEIVER CHANNEL FOAM



WATERPROOF SEALANT



TOUCH UP PAINT

FASTENER PACKS

T17 12x50 SCREW

TEK 14g ROOF SCREW

M10 HEX BOLT ASSEMBLY

M12 MASONRY SCREW BOLT

TEK 12x20 SCREW WITH NEOPRENE WASHER

POP RIVET

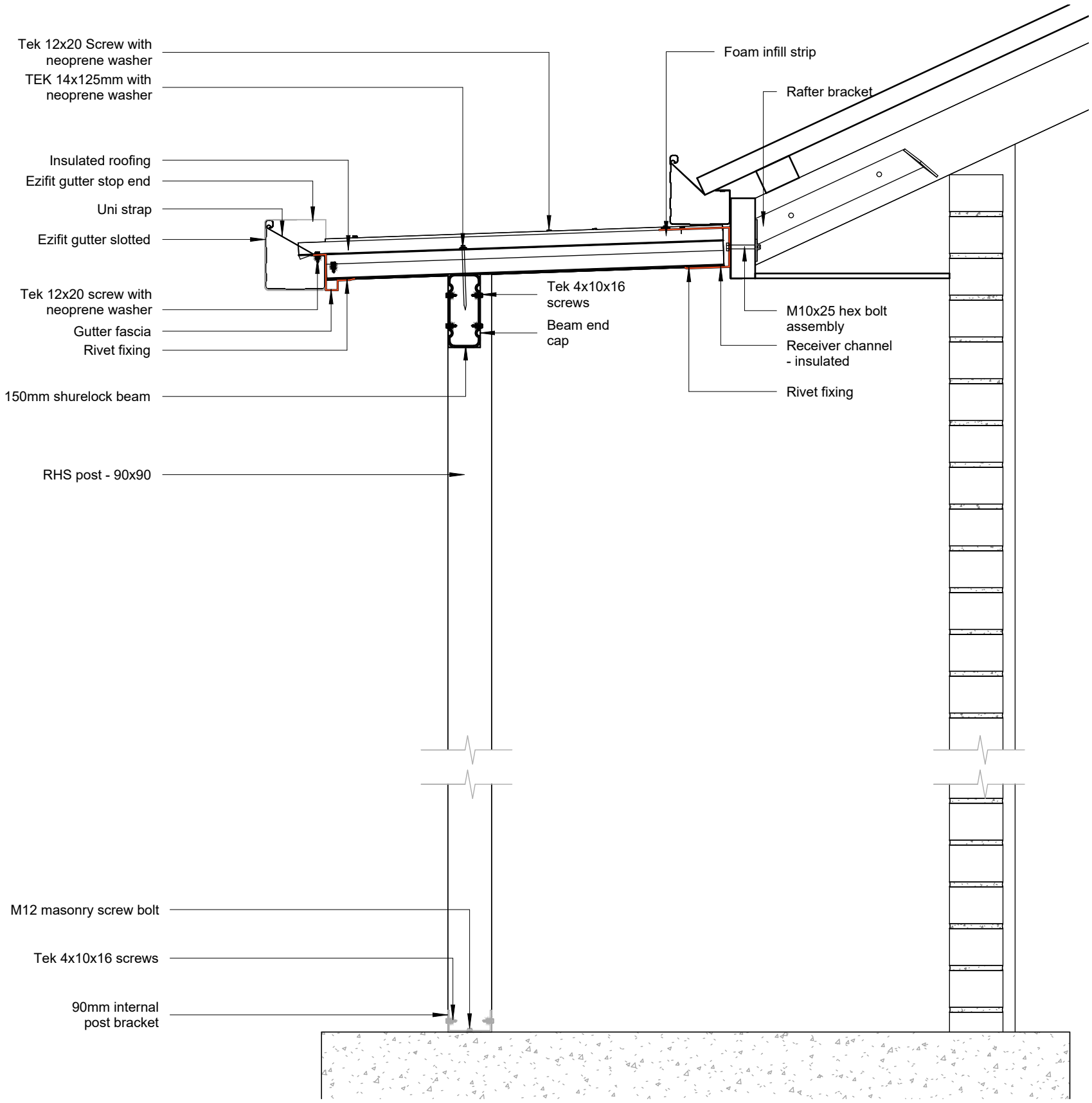
TEK 10x16 SCREW

M10 SLEEVE ANCHOR

TAPCON 14g SCREW

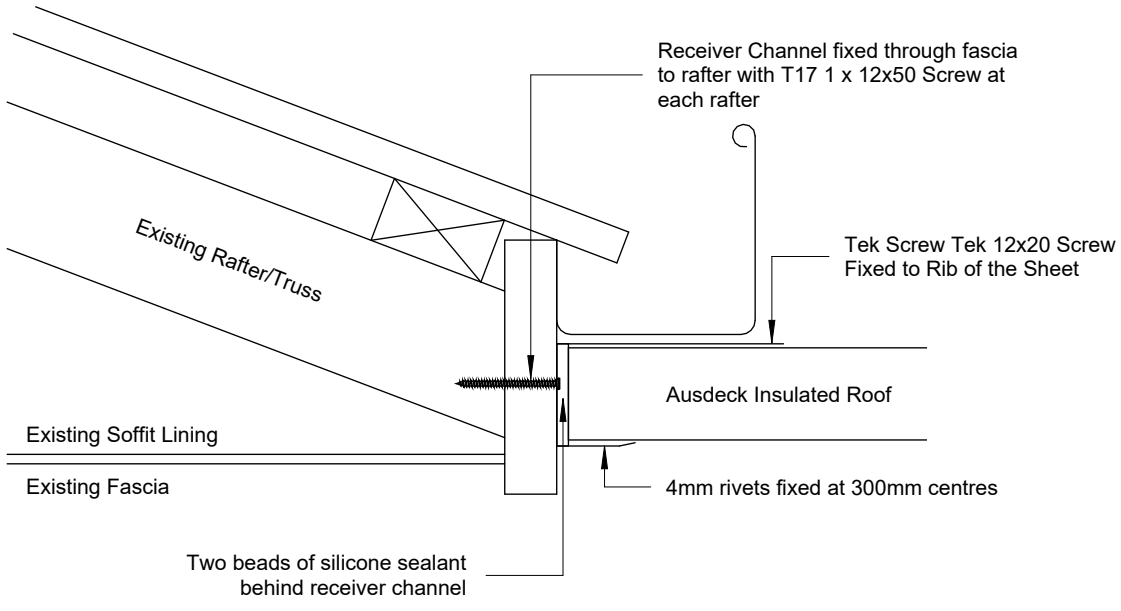
PATIO CONSTRUCTION OVERVIEW

The below overview is conceptual only. Steel fascia example used.



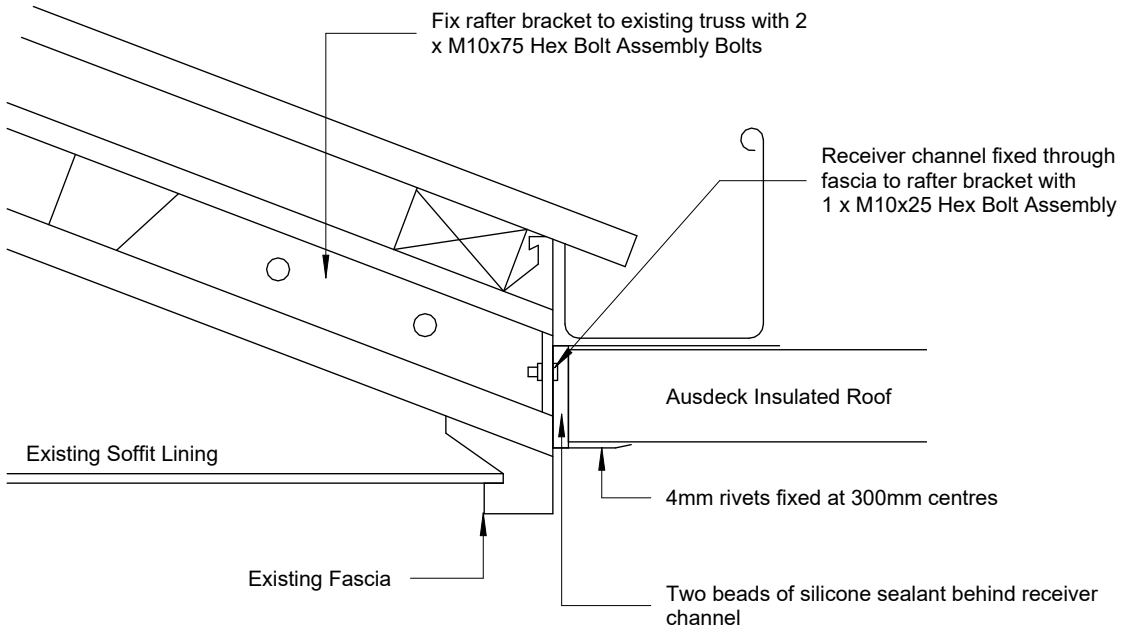
RECEIVER CHANNEL CONNECTION OPTIONS

RECEIVER CHANNEL TO TIMBER FASCIA



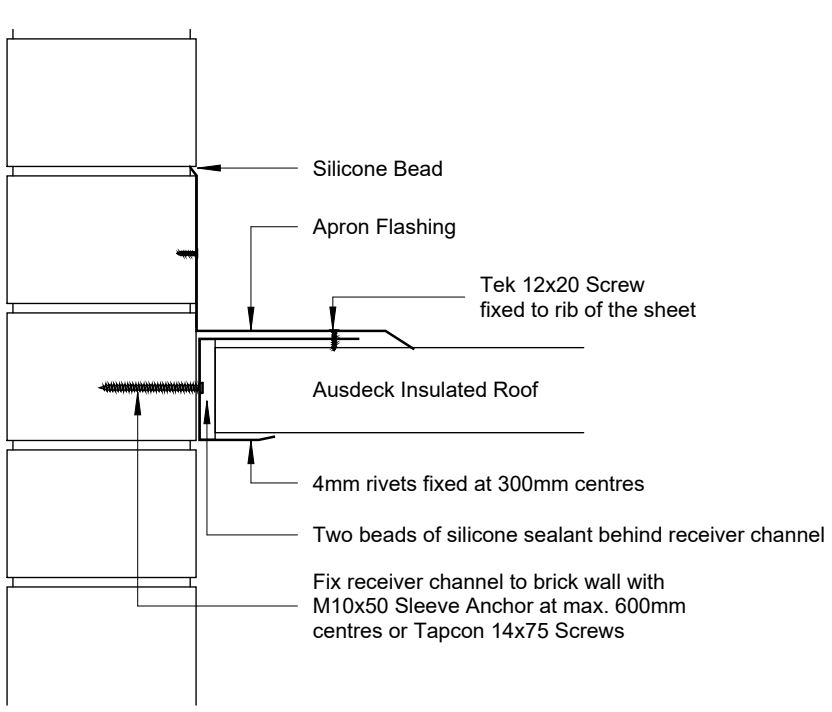
Fix the receiver channel every 600mm to the timber fascia with T17 12x25 screw and 1 x T17 12x50 screw per rafter.

RECEIVER CHANNEL TO STEEL FASCIA WITH RAFTER BRACKET



Every 900mm fit a fascia rafter bracket to existing rafter and bolt through to the receiver channel.

RECEIVER CHANNEL TO BRICK/MASONRY WALL



Fix the receiver channel every 600mm to the wall with M10x50 Sleeve Anchor for the brickwork that you are attaching to. Or fix Tapcon 14x75 screw every 450mm (not suitable for structures with no eaves or two storey with blueboard over brick).

PANEL HANDLING AND PREPARATION

– Do not lift a roof panel from the top sheet. Lift the panel from the bottom skin.

– When lifting roof panels off a pack, always lift the panels vertically.

– Do not slide or drag roof panels off the pack as this will scratch painted surfaces.

– Take care to avoid damage to the corners and joints of roof panels.

– When putting roof panels down, place them vertically onto a non-abrasive, level and stable surface.

– When moving roof panels onsite, carry them along their edge, ensuring you have someone to hold the panel on either end.

– Consider using a crane to lift roof panels into their final fixing position.

– Check that the building structure will support the weight of the panels before placing them on the roof.

– When lifting long loads by crane, ensure the load is evenly spread.

– Use a spreader tube on sling to ensure the bottom skin is not damaged or crushed during the lifting process.

– Check your frame alignment before you install roof panels.

– Check engineering and panel installation drawings and measure overall building dimensions and support beams to ensure they are in the correct location.

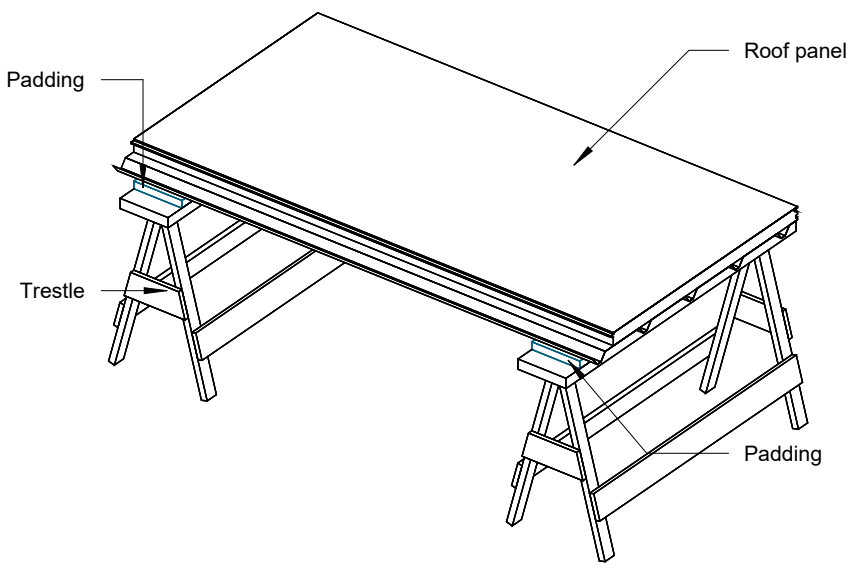
– All support beams not in the correct location must be rectified by the responsible party before panel installation begins.

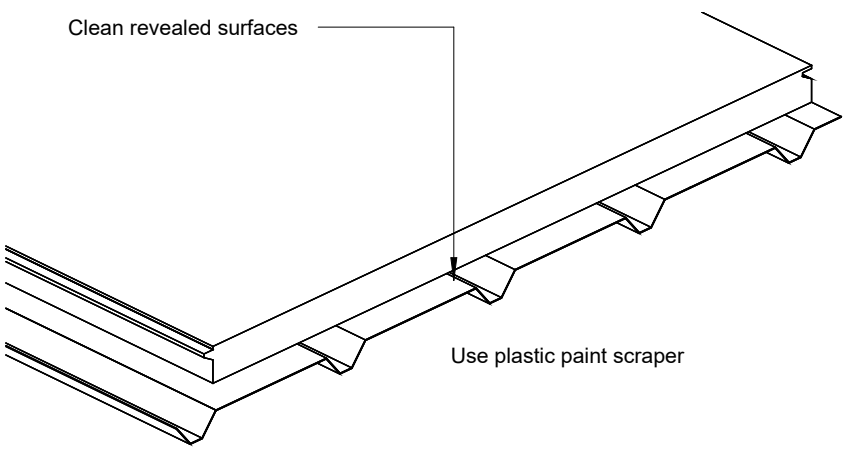
AUSDECK INSULATED ROOFING INSTALLATION

Caution: To prevent injury, Ausdeck recommends wearing full PPE while working with our building products.

STEP 1: REMOVE GUTTER CUTBACK FOAM

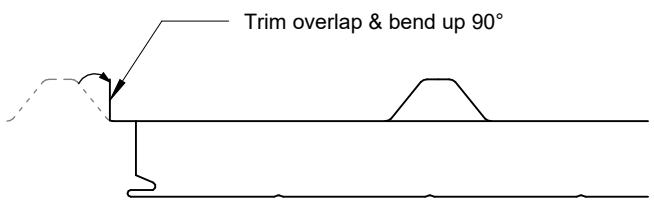
Remove and clean any leftover bits of polystyrene foam from the cutback end of the panel.





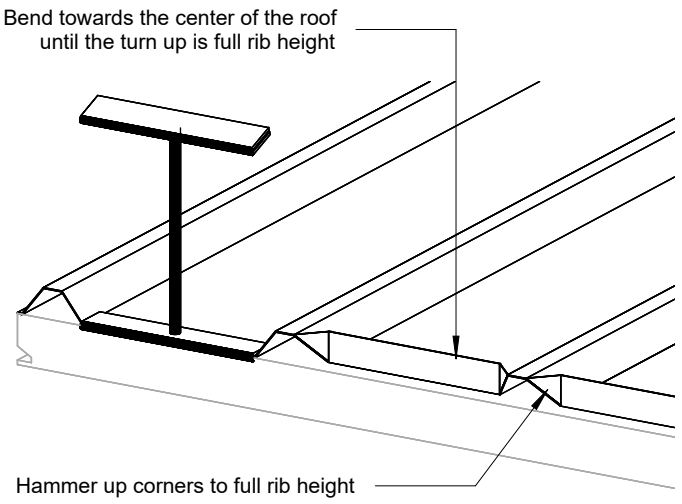
STEP 2: TRIM OVERLAP & BEND 90°

For panels going into a receiver channel or barge cap, trim the overlap and bend 90°.



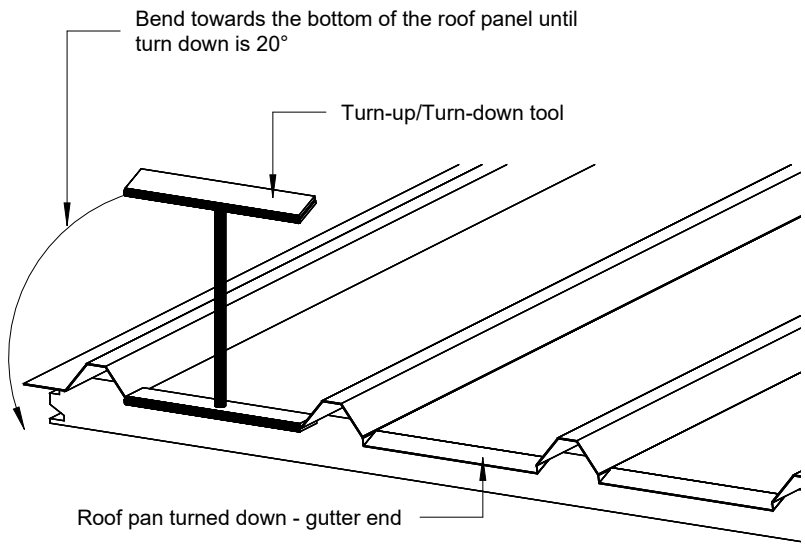
STEP 3: TURN UP PANS AT FASCIA END

Turn panel up at the receiver channel/ridge cap ready for installation.



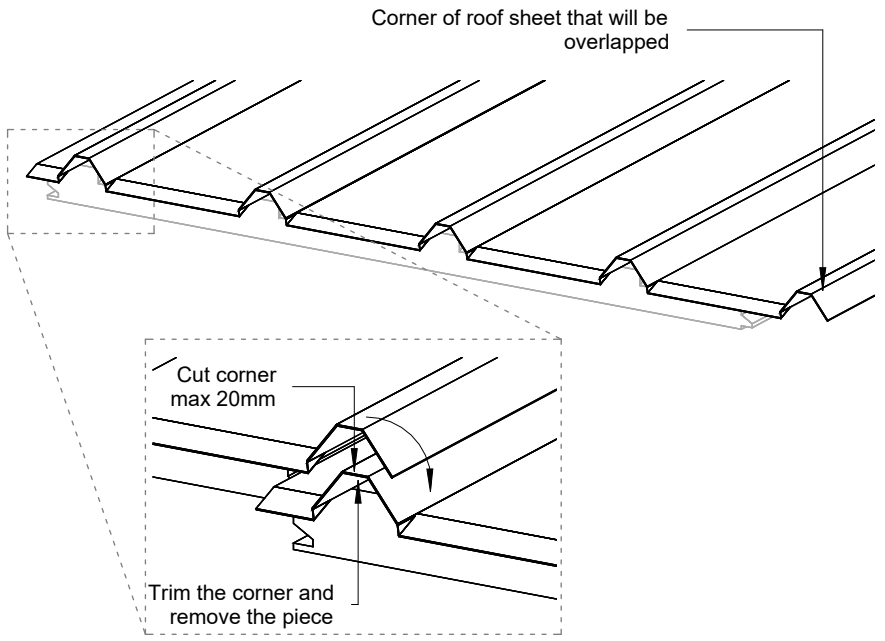
STEP 4: TURN DOWN PANS AT GUTTER END

Turn down roof sheet at the gutter end to create a drip edge.



STEP 5: TRIM GUTTER END OVERLAP

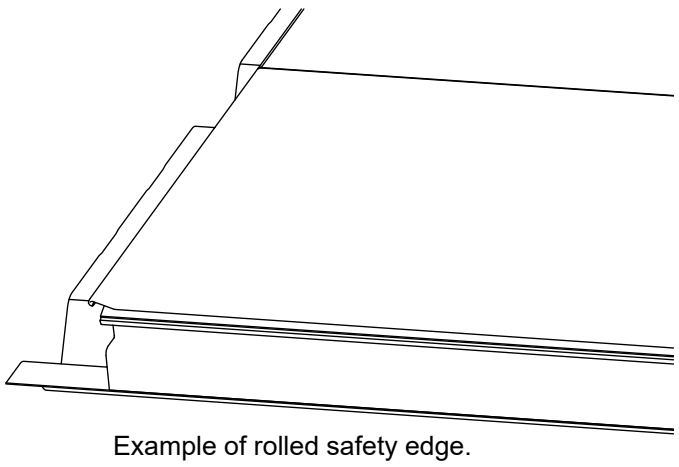
Trim the overlapping rib on the top and bottom of every panel to prevent water ingress at the gutter end.



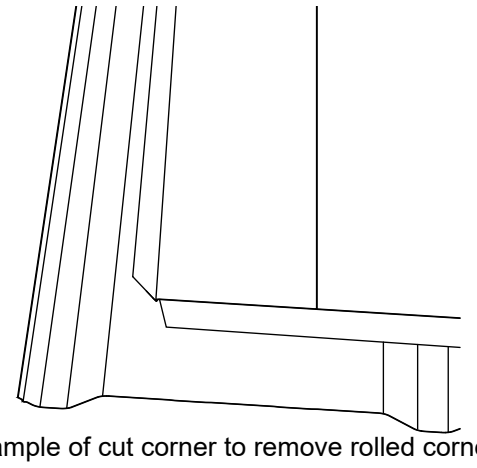
STEP 6: FOR NSW PANELS ONLY

To ensure a perfect engagement of the panels, the installer is required to trim all 4 corners of each ceiling sheet prior to installation to prevent the rolled safety edge interference.

Note: This is not required for QLD Panels.



Example of rolled safety edge.



Example of cut corner to remove rolled corner.

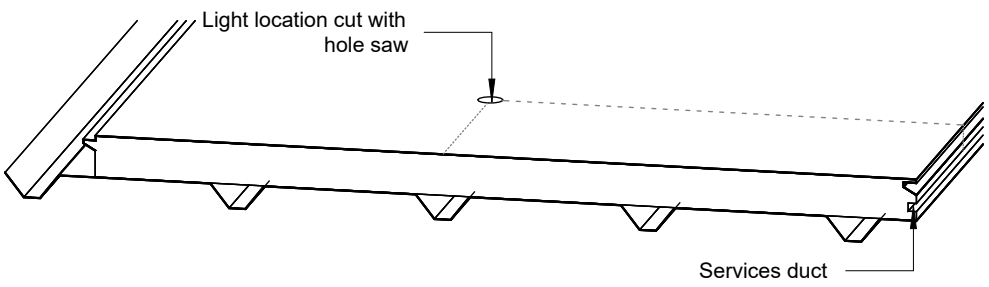
STEP 7: ELECTRICAL PREPARATION

Core drill electrical duct across width of panel to desired wiring position using a long drill bit or rod.

Install conduit and electrical cabling prior to panel installation. Do not remove protective film during this process.

When using Ausdeck down lights with 12V cables, conduit is not required.

Feed electrical conduit through services duct to fan or light location.

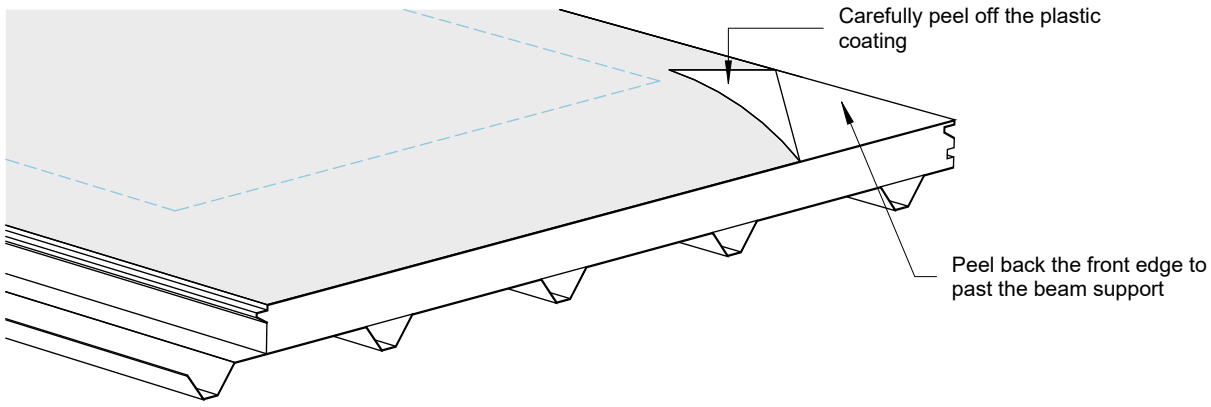


Feed electrical conduit through services duct to fan or light location.

STEP 8: PEEL BACK PLASTIC

Peel back the plastic film on the underside of the panel before fixing the panel into the receiver channel and onto supporting beams.

Peel back the plastic film from the ceiling join and the beam end before connecting the two panels together and fixing the panels to the beam.



STEP 9: ALIGNING THE FIRST ROOF PANEL

Before installing the first panel, place a blanket/towel on the supporting beam to prevent scratching the ceiling whilst aligning into position.

Remove before fixing panel to beam, and position the second panel.

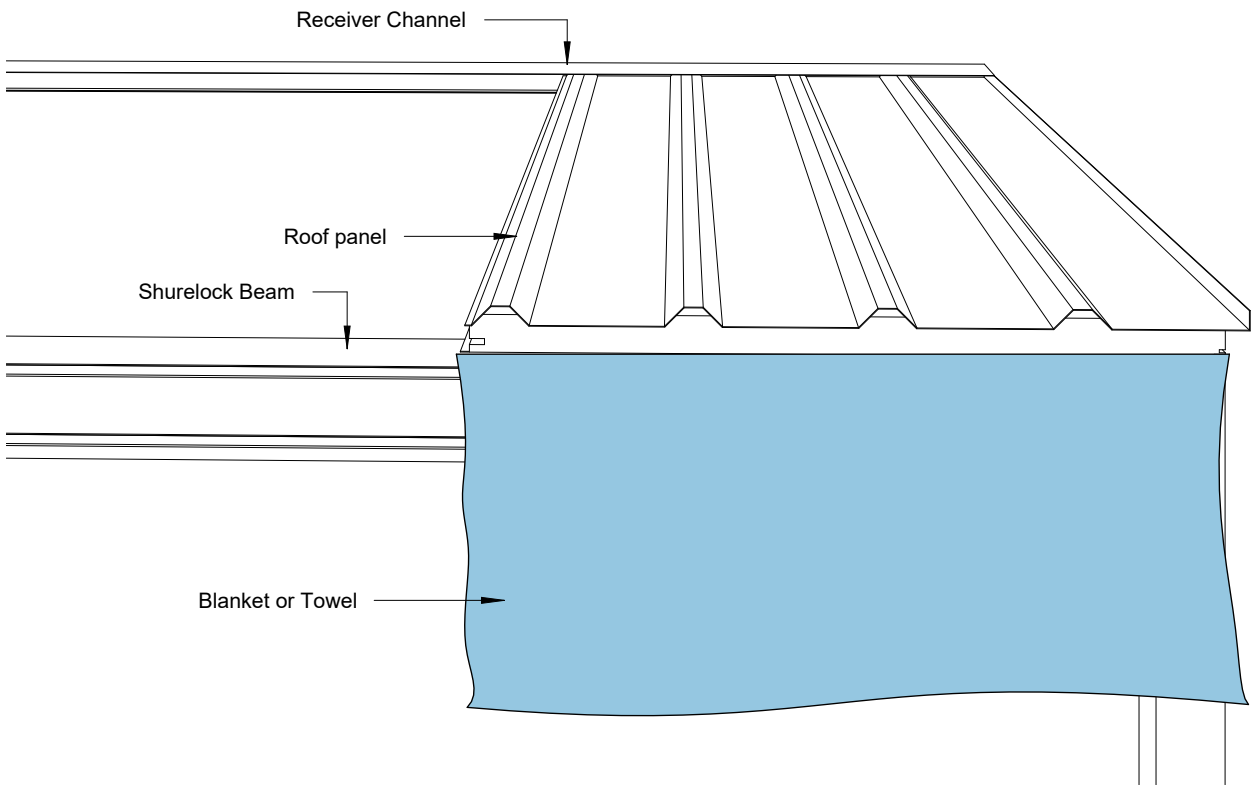
Safely position the first panel on top of the beam and insert into the receiver channel - all the way to the right.

The steel 'top skin' edge will be flush with right end of the receiver channel as shown.

Check the beam for alignment, the roof panel bottom skin is to be flush with the exterior side of the beam as shown.

Check frame alignment/squareness to existing structure before installing roofing panels.

Check span tables and overall building dimensions and support beams to ensure they are in the correct location.



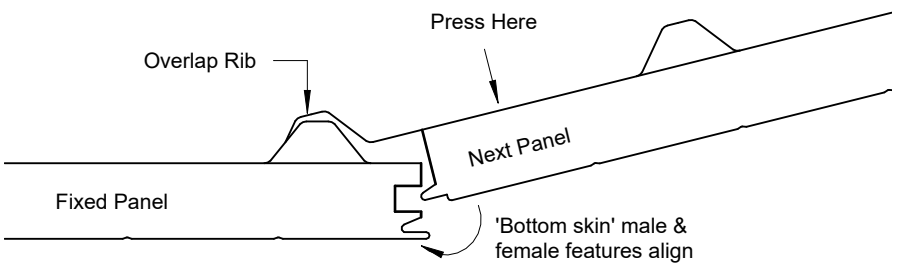
STEP 10: POSITIONING & JOINING ADDITIONAL PANELS

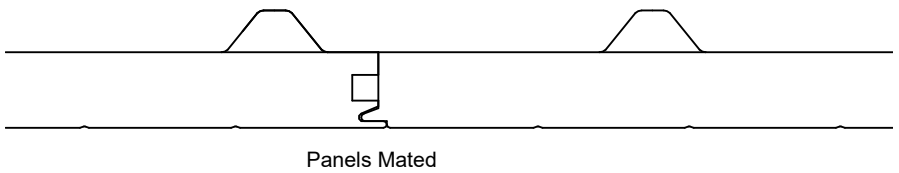
Safely position and join the next insulated panel.

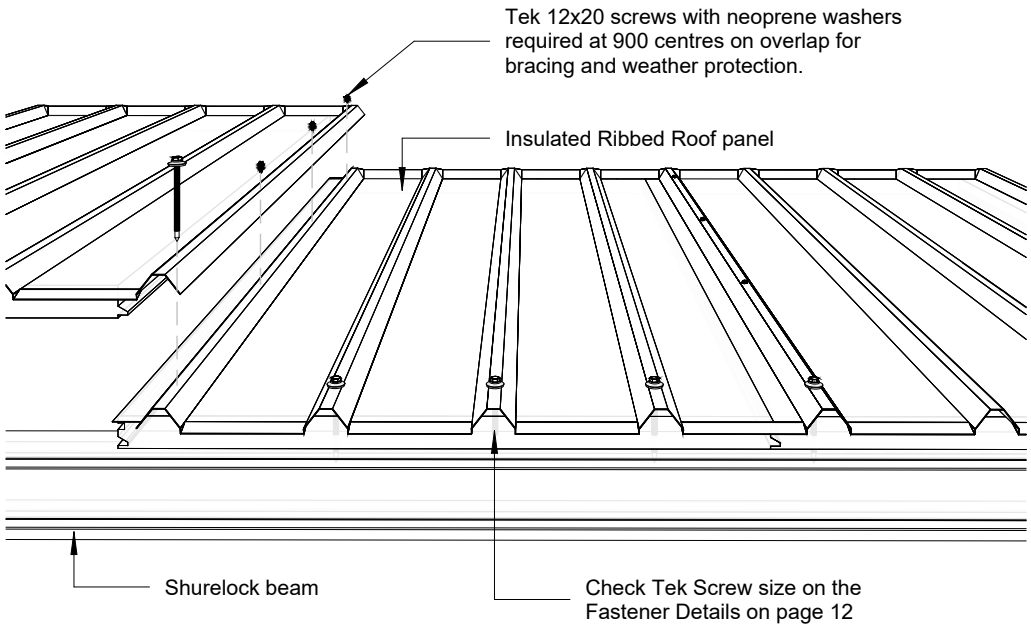
Carefully push the panel up so it goes all the way into the receiver.

Check the panel is square to the beam.

Check the underside to ensure there are no visible gaps in the join.





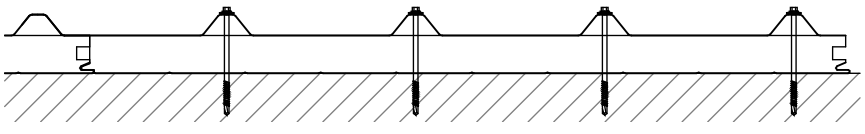


FIXING RECOMMENDATIONS

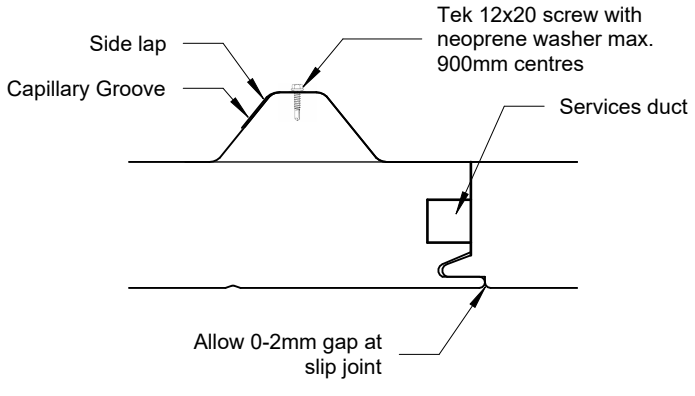
Ausdeck Roofing side laps should be laid away from the prevailing wind and sit neatly on the preceding roof sheet.

RIBBED PANEL

Non Cyclonic Fixing - Through Each Rib

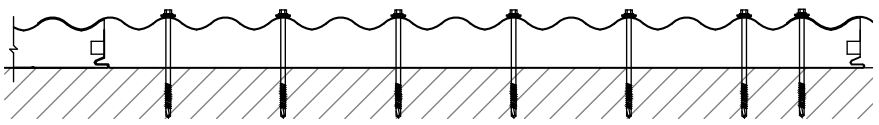


Rib Lapping

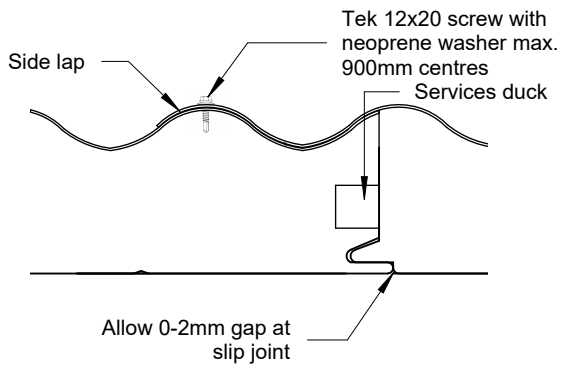


CORRUGATED PANEL

Non Cyclonic Fixing - Through Every Other Crest



Corro Lapping



FASTENER DETAILS

Ribbed

Product	Metal Beam	Timber Beam	Screws Required
50mm Ribbed Insulated Roofing	Tek 14x125 Screw	Tek 17 14x125 Screw	4 per panel for each fixing point
75mm Ribbed Insulated Roofing	Tek 14x150 Screw	Tek 17 14x150 Screw	4 per panel for each fixing point
100mm Ribbed Insulated Roofing	Tek 14x175 Screw	Tek 17 14x175 Screw	4 per panel for each fixing point
125mm Ribbed Insulated Roofing	Tek 14x200 Screw	Tek 17 14x200 Screw	4 per panel for each fixing point
150mm Ribbed Insulated Roofing	Tek 14x225 Screw	Tek 17 14x225 Screw	4 per panel for each fixing point
175mm Ribbed Insulated Roofing	Tek 14x250 Screw	Tek 17 14x250 Screw	4 per panel for each fixing point
200mm Ribbed Insulated Roofing	Tek 14x275 Screw	Tek 17 14x275 Screw	4 per panel for each fixing point

Corrugated

Product	Metal Beam	Timber Beam	Screws Required
50mm Corrugated Insulated Roofing	Tek 14x125 Screw	Tek 17 14x125 Screw	7 per panel for each fixing point
75mm Corrugated Insulated Roofing	Tek 14x150 Screw	Tek 17 14x150 Screw	7 per panel for each fixing point
100mm Corrugated Insulated Roofing	Tek 14x175 Screw	Tek 17 14x175 Screw	7 per panel for each fixing point
125mm Corrugated Insulated Roofing	Tek 14x200 Screw	Tek 17 14x200 Screw	7 per panel for each fixing point
150mm Corrugated Insulated Roofing	Tek 14x225 Screw	Tek 17 14x225 Screw	7 per panel for each fixing point
175mm Corrugated Insulated Roofing	Tek 14x250 Screw	Tek 17 14x250 Screw	7 per panel for each fixing point
200mm Corrugated Insulated Roofing	Tek 14x275 Screw	Tek 17 14x275 Screw	7 per panel for each fixing point

Notes: Ribbed panels require a fixing point to every crest, corrugated panels require a fixing point to every second crest. Tek 12x20 screws required at 900 centres on overlap for bracing and weather protection. All Tek 14g and Type 17 14g to be Climaseal coated with cyclonic washer. For fixing into metal beam 5mm-15mm use 'Series 500' screws. (Pre-drilling may be required).

STEP 11: FIT SIDE BARGE CAPPING AND GUTTER FASCIA

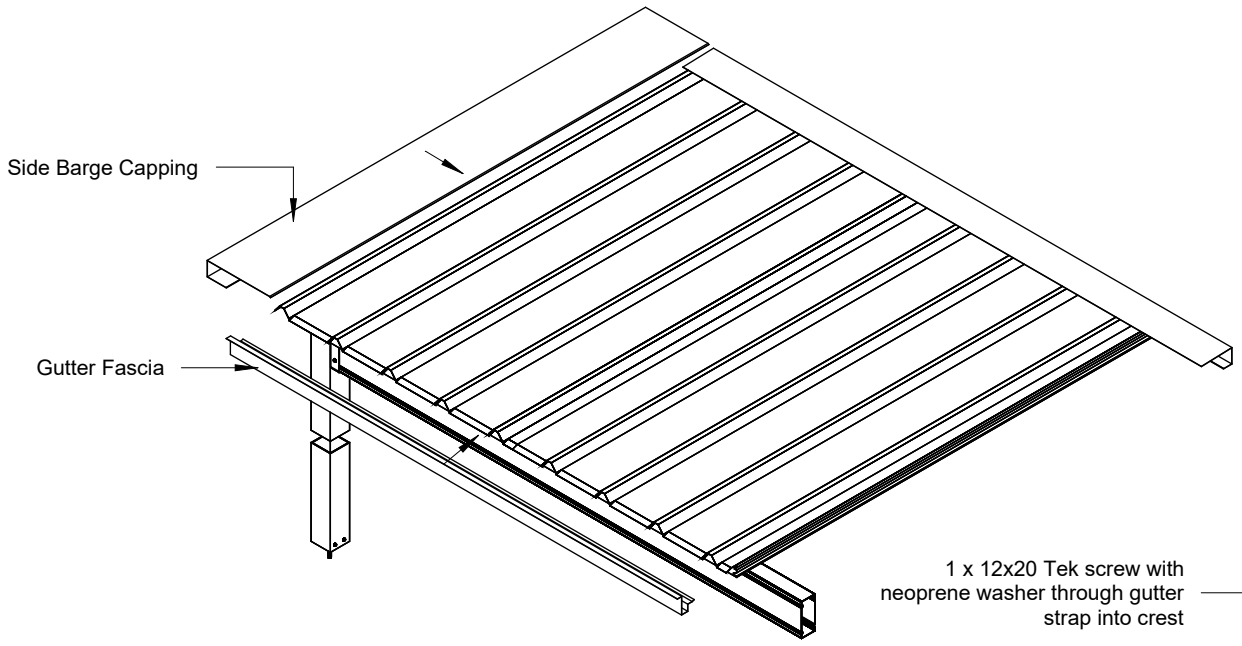
After all insulated roof panels have been installed, fix the side barge caps on both sides of the patio.

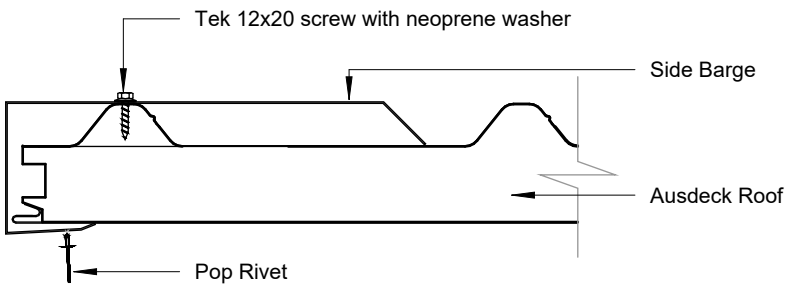
Secure the side barge to the roof panels using Tek 12x20 screws with neoprene washers at 300mm centers.

Use rivets to fasten the underside of the barge at 500mm centers.

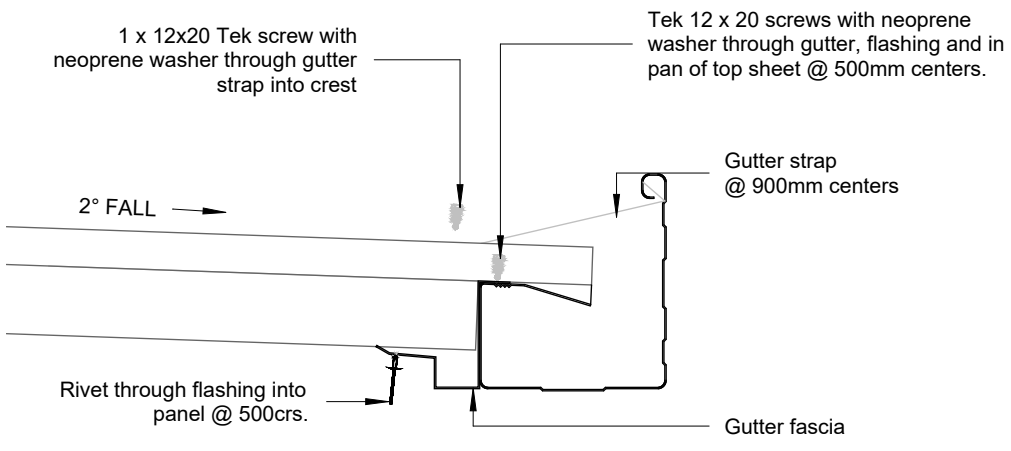
Fix the gutter fascia to the underskin using rivets at 500mm centers.

When installing the gutter, fix the 12x20 screws through the pan of the top sheet, the gutter fascia flashing and the rear lip of the gutter.





SIDE BARGE DETAIL



GUTTER AND ROOF CONNECTION

STEP 12: CLEAN DOWN ALL METAL SWARF FROM ROOF

CLEANING

– Remove metal shavings following cutting or drilling using a soft bristle brush or rag, then rinse metal surfaces with water to ensure you wash all metal particles away.

– Never use abrasive products or solvents to clean painted surfaces e.g. turpentine, petrol, kerosene and paint thinners.

– Remove uncured sealant using a clean, dry rag to stop painted steel surfaces from getting damaged.

– Alternatively, use a plastic spatula to remove cured sealant from painted steel surfaces.

– Concrete residue on steel surfaces should be washed immediately using mild soapy water.

– Collect metal scraps lying on steel products after installation to prevent rust from forming.

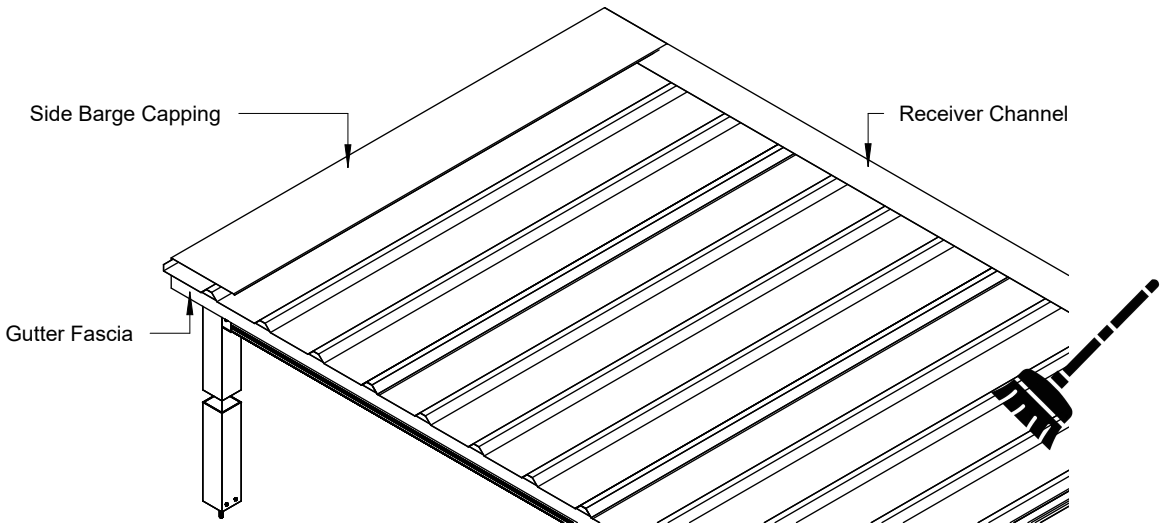
FINISHING TOUCHES

– Test all touch-up colours on offcut material before use on painted steel surfaces.

– Note that touch up paint is not high-gloss and will fade at a different rate to metal products.

– Use touch-up cans for minor scratches only.

– Remember to clean the scratched area before applying touch-up paint to painted steel products.

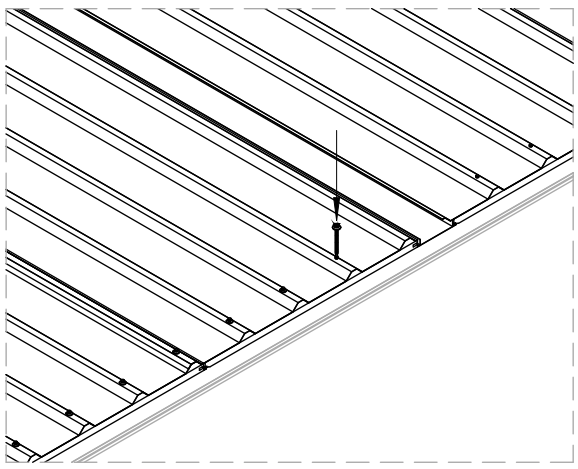


AUSDECK SKYLIGHT INSTALLATION

Caution: To prevent injury, Ausdeck recommends wearing full PPE while working with our building products.

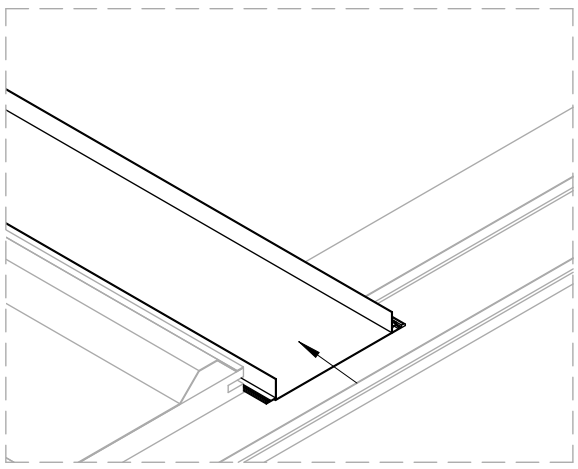
STEP 1: INSTALL & FIX PANEL

Install and fix into position the Insulated Roof panels in direction of the roof overlap, except for the panel before the skylight.



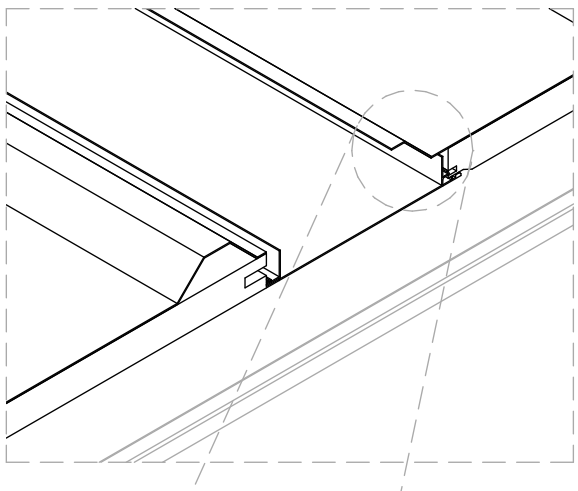
STEP 2: FIT DIFFUSER

Fit the light strip ceiling diffuser into the female joint of the roof panel, this will set the correct width.



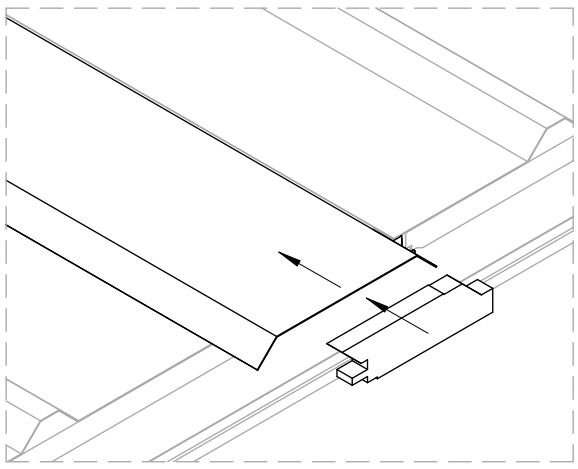
STEP 3: FIT NEXT PANEL

Position the next roof panel and engage the male ceiling joint with the diffuser. Fix roof panel to beam.



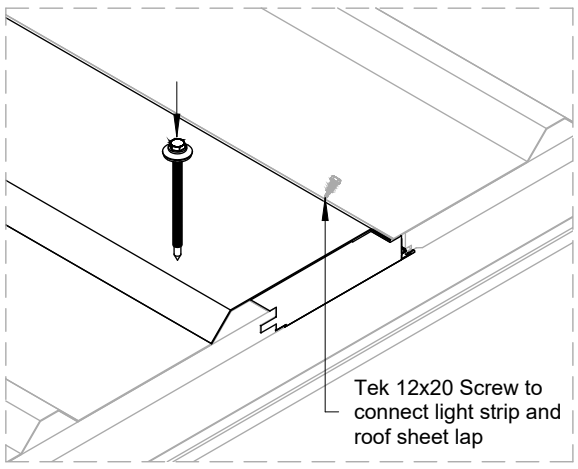
STEP 4: FIT INFILLS & SKYLIGHT

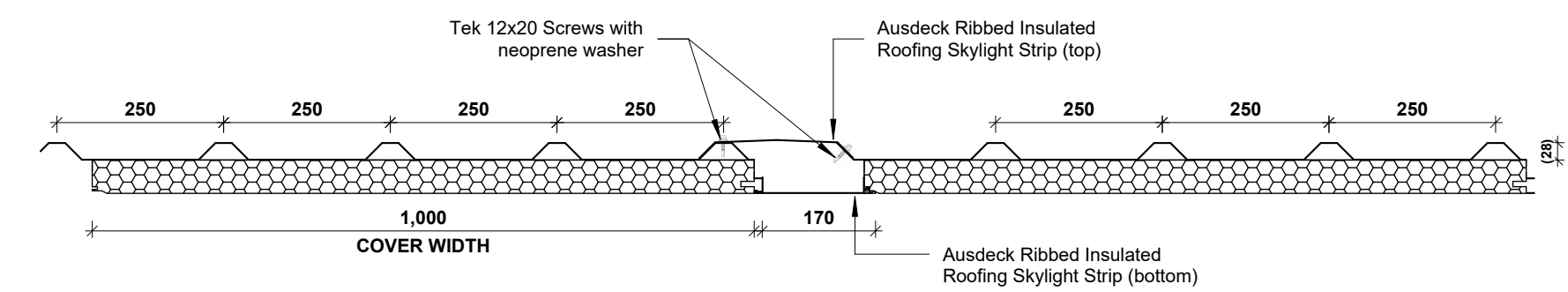
Insert foam infills at each end then place top skylight into position.



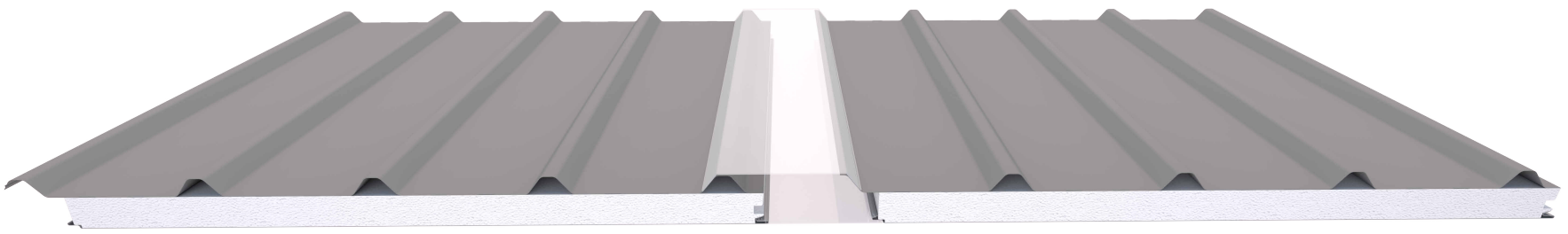
STEP 5: FIT SKYLIGHT TO PANEL

Fix to beam at gutter end and to roof profiles every 1000mm using Tek 12x20 Screws with neoprene washer.





Engineering measurements for installed Skylight Panel.



AUSDECK LED DOWNLIGHT INSTALLATION

Caution: To prevent injury, Ausdeck recommends wearing full PPE while working with our building products.

STEP 1: LOCATE LIGHT POSITION & MARK THE CENTRE

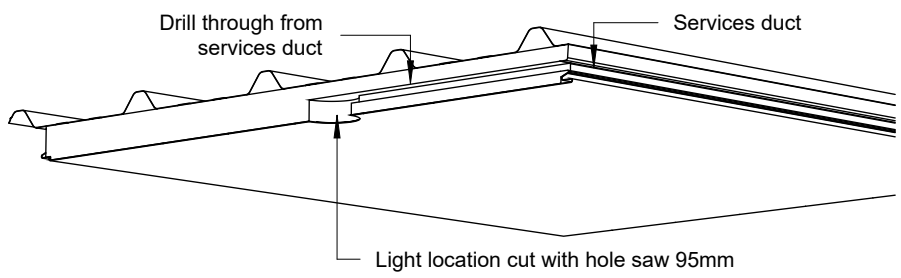
Identify the desired light position by measuring along the length and width of the roof panel.

Mark the centre of the location ready for the hole to be drilled.

STEP 2: DRILL THE LIGHT HOLE

Drill the down light hole using a core drill suitable for metal surfaces.

Note: The protective corstrip should be left intact during this process.
Do not drill all the way through the foam core, leave a minimum of 10mm of foam above the light to eliminate condensation.



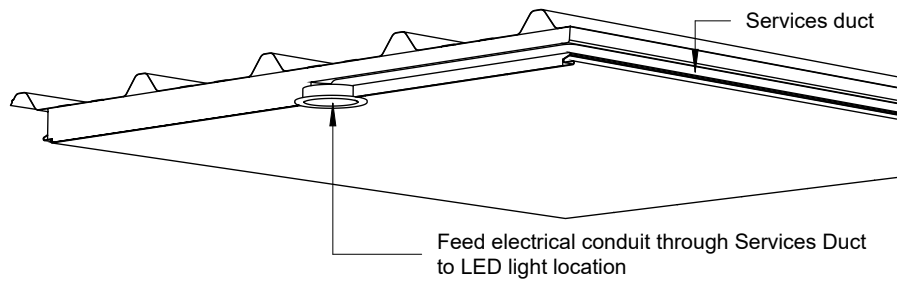
STEP 3: CREATE WIRING DUCT

Using a long drill bit or threaded rod, create a 20mm wiring duct from the light position to the existing service duct provided down the length of the panel.

Ensure it is evenly space between top and bottom of the core width.

STEP 4: ROUTE ELECTRICAL WIRING

Feed the electrical through the existing and newly created ducts to the light position.



STEP 5: CONNECT & INSTALL DOWN LIGHT

Choose desired light shade via the switch on the side of the down light. Connect down light to the 6m extension lead via the plug & play connectors. Click the other end of the extension lead to the driver/transformer wiring.

STEP 6: CONNECT DRIVER TO POWER SOURCE

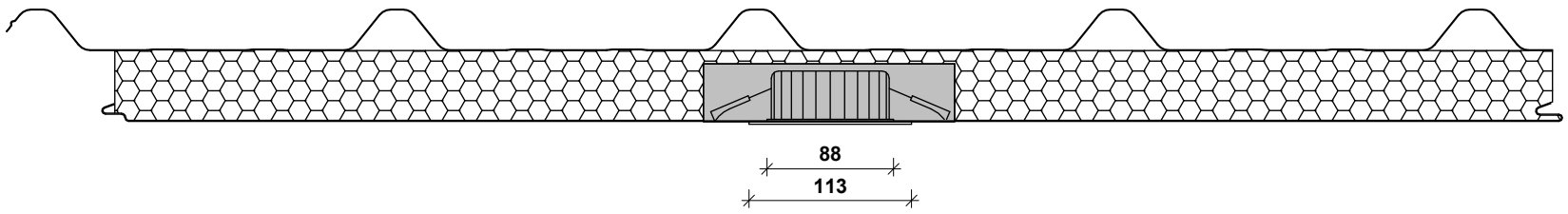
Connect the driver plug into power point, or have a qualified electrician connect the 240V wiring direct to a light switch.

Note: Drivers should be located away from the roof panel either in the house eave or a fabricated remote location.
Divers should never be put inside the panel core.

STEP 7: SEAL DOWNLIGHT

Make sure the downlight is sealed to avoid moisture.

PROFILE



SPECIFICATION

	Standard LED Downlight	Smart WiFi LED Downlight
Voltage	220 – 240	220 – 240
Size (mm)	113 x 35	113 x 35
Cut Out (mm)	90	90
Wattage (w)	12	12
CCT (K)	3000 | 4000 | 5700	3000 | 6000
Dimmable	Trailing edge dimmer	App controlled
Lumen (lm)	750 | 800 | 900	850 | 950 (RGB+CW)
Beam Angle (°)	120°	120°
Protection Class	IP44	IP44
Construction	Aluminum	Aluminum
Exterior Colour	White	White
Tuya Smart App Controlled	No	Yes

Notes: Ausdeck does not recommend the installation of off-the-shelf LED down lights in our insulated panels, as they may not be compatible with our polystyrene core, or conform to Australian Standards. Furthermore it may compromise the structural integrity of our products, voiding warranty. While all down light components are pre-wired, a qualified electrician is still required to connect the General Power Outlet for the 240v plug. Standard and Smart WiFi LED downlights come with 1 x 6.0 extension lead. Standard and Smart WiFi LED downlight components are not interchangeable. Suits all Ausdeck insulated panel thicknesses and profiles. Maximum of 24 metres is permitted between light and driver (4 extension leads).

FAN MOUNTING PLATE INSTALLATION

STEP 1: LOCATE INSTALLATION POINT

Identify the exact position on the ribbed sheet where the fan will be mounted.

Ensure it aligns with the interior fan location and structural support if applicable.

STEP 2: MARK THE PLATE POSITION

Place the fan mounting plate on top of the ribbed sheet. Trace the outline lightly (optional).

Mark the 14GA screw hole (center or fixing point) and the hole for electrical wiring.

STEP 3: DRILL THE ELECTRICAL HOLE

Drill the hole for electrical wiring at the marked location.

Ensure the diameter is sufficient for conduit/wire passage but not oversized.

STEP 4: POSITION THE MOUNTING PLATE

Place the mounting plate back over the drilled hole.

Align it properly with the ribbed sheet lines for stability.

STEP 5: INSTALL THE FASTENER

Insert the 14GA roof screw with neoprene washer through the mounting plate. Drive it down through the ribbed sheet:

Ensure the washer is compressed enough to seal (but not over-tightened) to prevent water leakage.

STEP 6: SECURE AND CHECK STABILITY

Confirm the plate is firmly fixed and does not wobble.

Check that it sits flush against the ribbed profile.

Fit the locking nut and trim of excess screw length to make room for the propriety fan bracket.

STEP 7: ROUTE ELECTRICAL WIRING

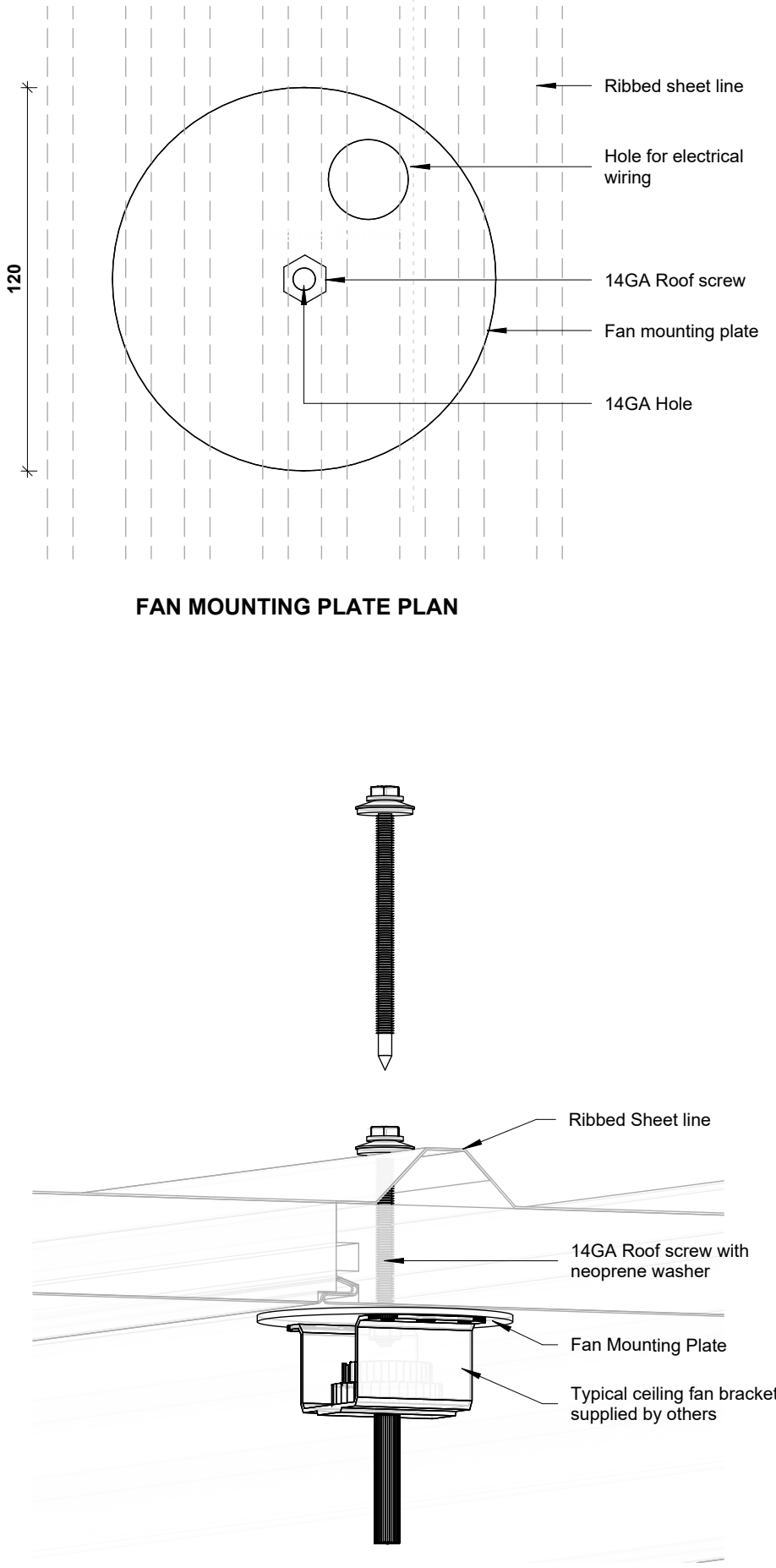
Pass the electrical wire through the pre-drilled hole.

Ensure proper insulation and sealing (use grommets or sealant if needed).

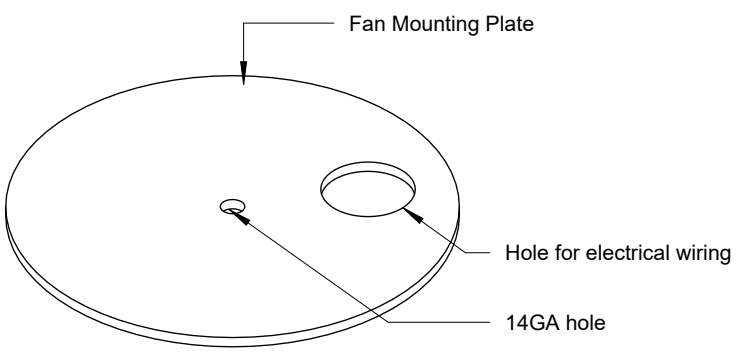
STEP 8: ATTACH FAN BRACKET

Fix the typical ceiling fan bracket onto the mounting plate.

Follow manufacturer specifications for bolt/screw tightening.



FAN MOUNTING PLATE PLAN



FAN MOUNTING PLATE ISO VIEW