

NAIL STRIP

Crisp, well-defined profile design for a sleek, modern look.

Versatile application – perfect for both roof and wall cladding.

Achieve a premium architectural finish with ease.

Simple installation – no advanced technical skills required.

Concealed fixing system – no joint crimping or clips needed

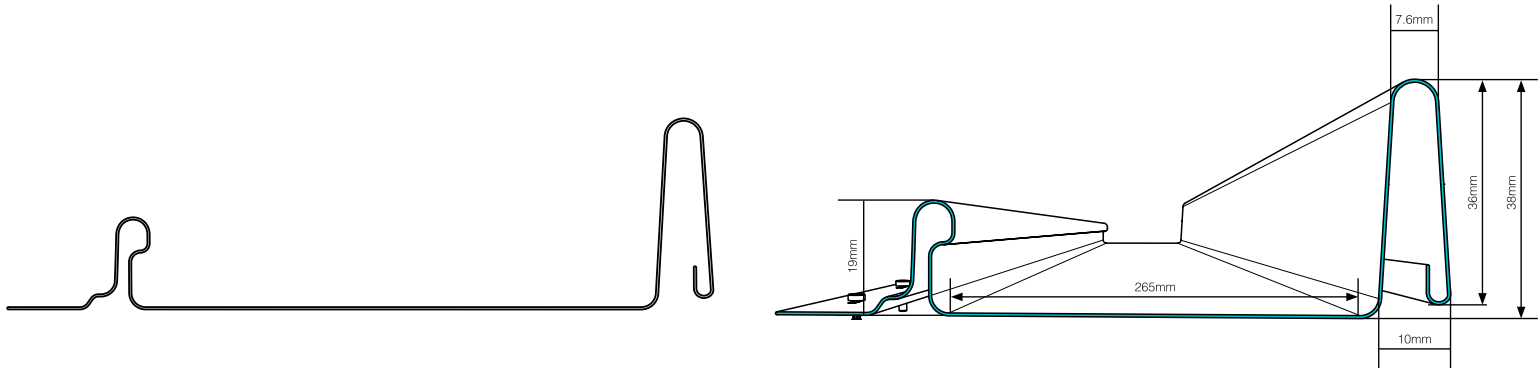
Overview

Nail Strip

CMI Nail Strip is an adjustable recessed panel cladding system.

CMI Nail Strip panels deliver a continuous flow of thick bands, framed by slim ribs that play with light and shadow to create depth and movement.

Nail Strip Sheet Profile



SINGULAR PANEL SHEET PROFILE

The singular panel sheet profile includes a wide recessed pan with a 38mm high standing seam, adding dimension and texture to any structure.



SUPERIOR QUALITY & INSTALLATION SUPPORT:

Combined Metal Industries partners with skilled steel walling and roofing installers to ensure every project is completed to the highest standards. Our commitment to quality control guarantees precise installation and long-lasting performance.

PRODUCT SPECIFICATIONS AND MATERIALS

Coverage Distance (mm)	265mm - 340mm
Metal Thickness (mm)	0.55mm
Rib Height (mm)	25mm - 38mm
Min. Roof Pitch	3 Degrees
Sheet Length (mm)	1000mm min. ~ 12000mm max
Panel Tolerance (mm)	Sheet length: ± 7 mm Covering width: ± 4 mm
Thermal Expansion	2.9mm increase on average for every 5m @50°C change in temp

Material	Thickness (mm)	Weight per m2	Flammability
Colorbond	0.55mm	7.31kg	Non-Combustible
Ultra	0.55mm	7.31kg	Non-Combustible
Matt	0.55mm	7.31kg	Non-Combustible
Zincalume	0.55mm	7.31kg	Non-Combustible

**Please contact our specialised CMI team for further information about material specifications.
<https://warranties.bluescopesteel.com.au/site/>*

FASTENER SPECIFICATIONS

CMI Nail Strip is concealed & pierce-fixed to batten supports, where the fastener screws pass through the sheeting at the underlap edge.

Fasteners are required to be screwed through the slotted holes or directly through.

Wafer Head Metal Screw
(Steel)

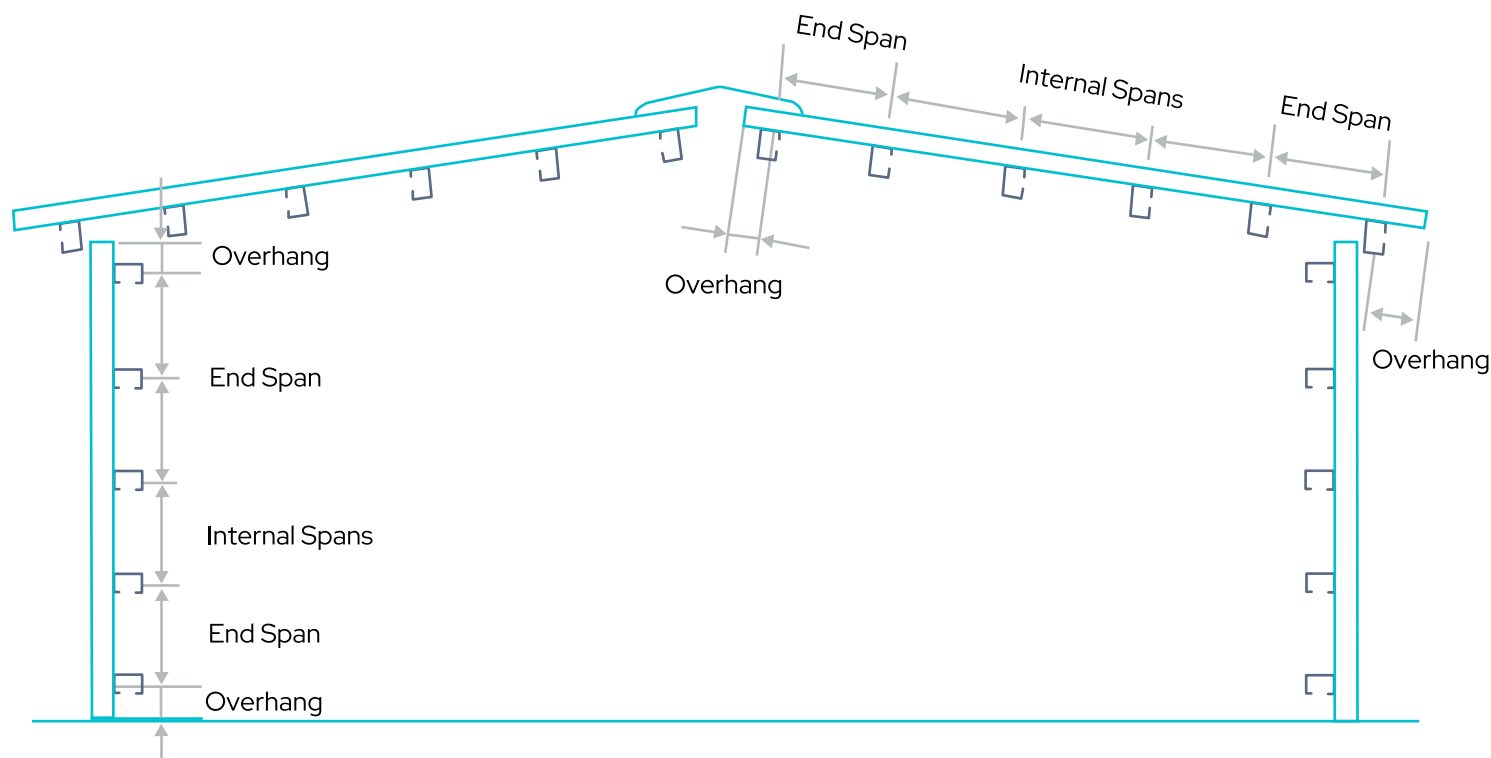


Wafer Head Type-17 Metal Screw
(Plywood & Timber Battens)



Fixing-on Material	Application Technique
Fixing on Steel	10g-16x16 wafer head metal screw with a minimum Class-3 coating
Fixing on Plywood	10g-12x25 wafer head Type-17 metal screw with a minimum Class-3 coating
Fixing on Timber Battens	10g-12x25 wafer head Type-17 metal screw with a minimum Class-3 coating

LOAD SPAN TABLES (NON-CYCLONIC)



RECOMMENDED ROOF CLADDING SPANS (MAXIMUM)

Coverage Distance	Base Metal Thickness	Single Span	End Span	Internal Span	Overhang Span
265mm/340mm	0.55mm	600mm	600mm	600mm	600mm

RECOMMENDED WALL CLADDING SPANS (MAXIMUM)

Coverage Distance	Base Metal Thickness	Single Span	End Span	Internal Span	Overhang Span
265mm/340mm	0.55mm	900mm	900mm	1200mm	100mm

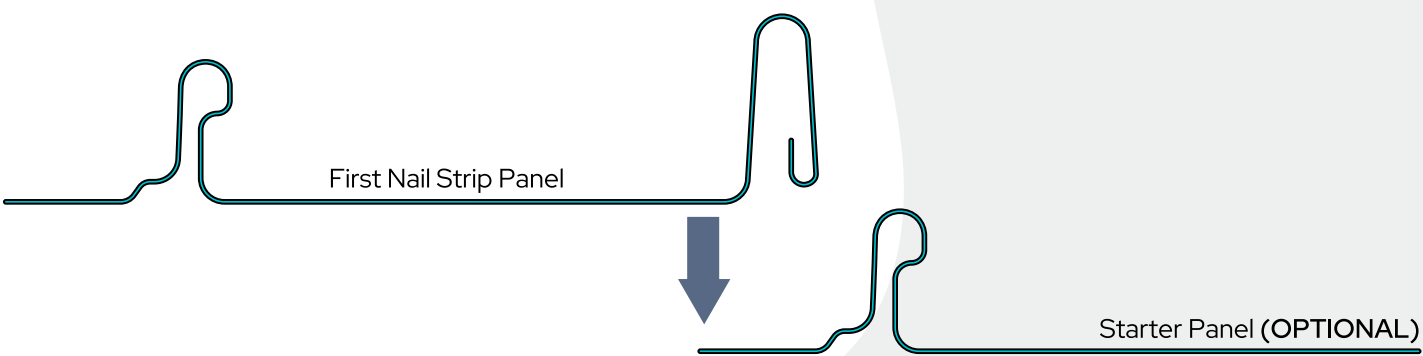
FLAMMABILITY & COMBUSTIBILITY

CMI cladding profiles and materials are non-combustible, meeting the National Construction Code 2019 requirements under AS1530.1 Section C1.9.(e).(v) and 3.7.1.1.(e) without the need for a CodeMark certificate.

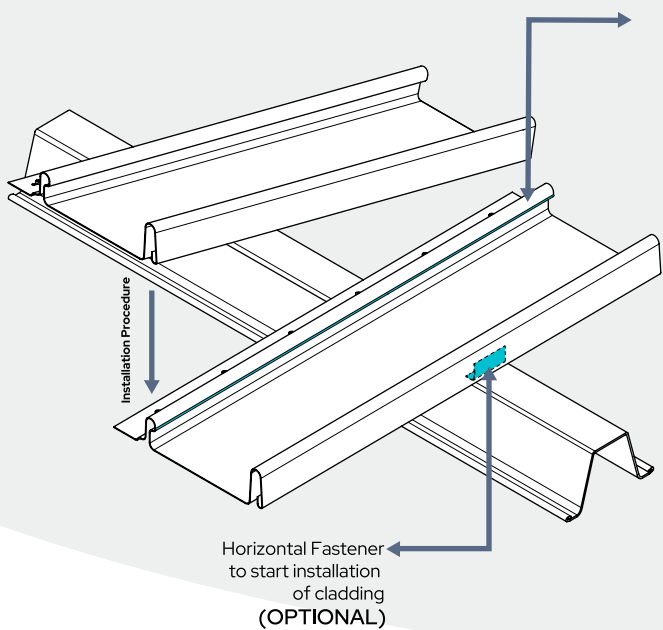
Each pre-finished metal sheeting has a surface finish less than 1mm thick with a Spread of Flame Index of 0, ensuring exceptional fire safety.



STANDARD LAP ENGAGEMENT PROCEDURE

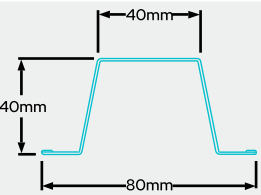
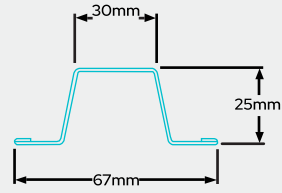


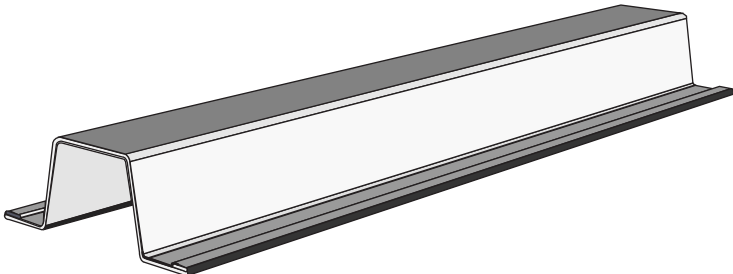
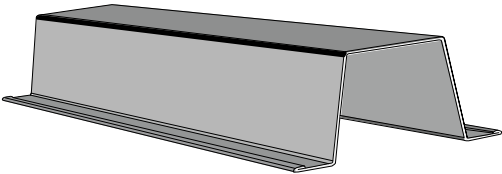
- A custom starter panel can be installed along the wall edge, ensuring a secure foundation.
- Each subsequent Nail Strip panel overlaps and fastens onto battens, delivering enhanced cladding stability.
- For versatile installation, panels can be directly mounted onto steel battens, top hats, or junction studs.



TOP HAT BATTENS

Top hat battens are essential structural components designed to support lining materials, particularly when the existing framework is unsuitable for direct attachment. Their versatile design ensures stability, alignment, and durability, making them ideal for both interior and exterior cladding applications.

Roof Batten	Rib Height (mm)	Total Coated Thickness (mm)
	40mm	0.55mm-0.75mm
Ceiling Batten	Rib Height (mm)	Total Coated Thickness (mm)
	25mm	0.42mm



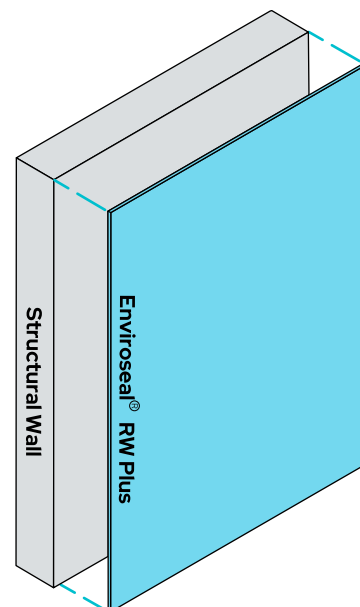
SYNTHETIC WALL WATERPROOFING MEMBRANE

Bradford Enviroseal RW Plus is a class 4 vapour permeable, air and water barrier membrane. It is rated as Light Wall Duty and is constructed from a Non-Reflective, Non Conductive spun bond material. Plus by Thermakraft is a two-layer laminated pliable building membrane combining a Polyester non-woven layer with a high-quality vapour permeable film.

The membrane allows water vapour to pass through from inside the wall cavity whilst water from the exterior is kept out.

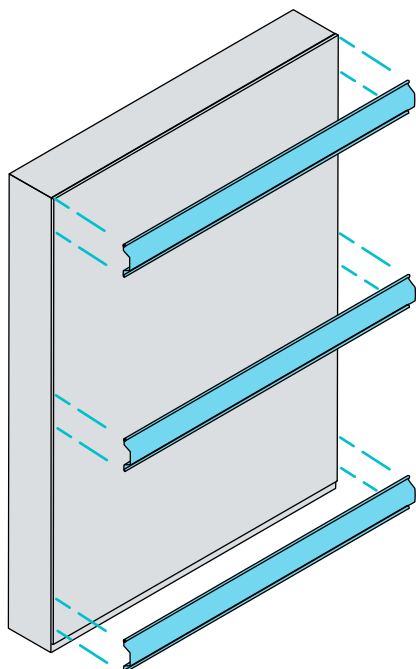
Enviroseal® RW Plus:

Width (mm)	Length (m)	m Per Roll	Weight (kg)	Product Code
1500mm	30m	45m2	5.8kg	478759

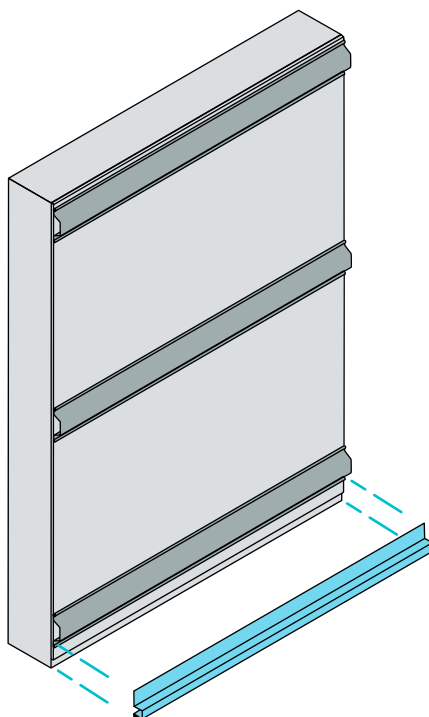


PANEL FIXING PROCEDURE

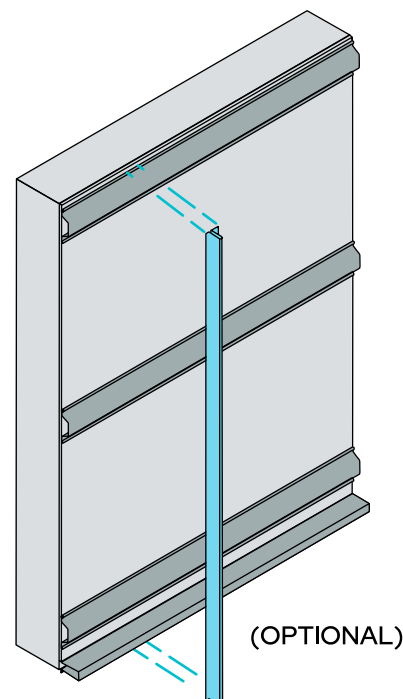
CMI's Nail Strip panels are manufactured with a slotted side piece to allow for fasteners and screws to be used to allow for the fixing of panels directly onto substrate surfaces.



- 1 After applying the Enviroseal® RW Plus Membrane on the structural wall, CMI Tophat Battens are then installed horizontally.

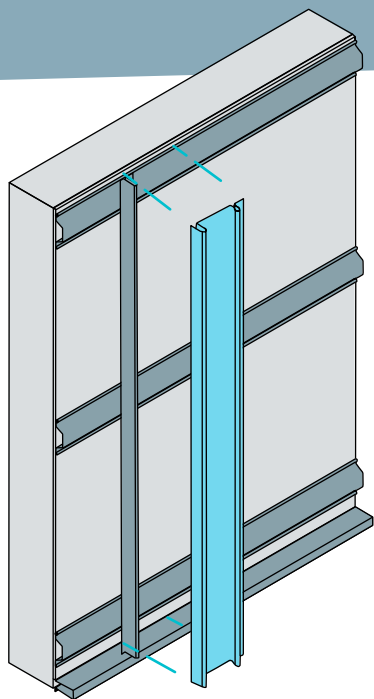


- 2 A Foot Mould is then installed at the bottom section of the wall.

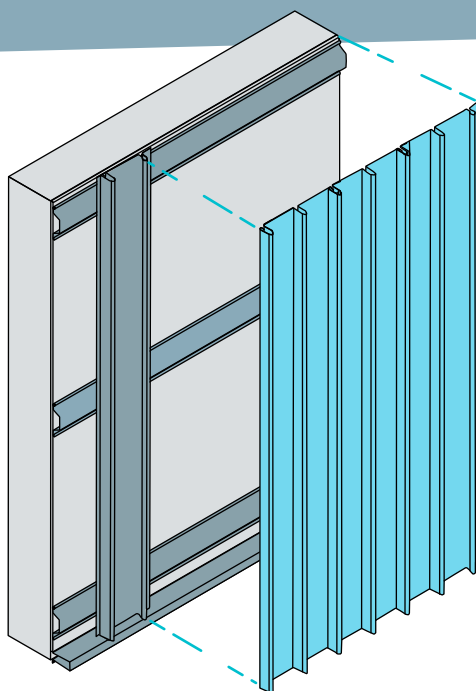


- 3 A Nail Strip starter flashing is attached and secured onto the wall after the substrate is waterproofed.

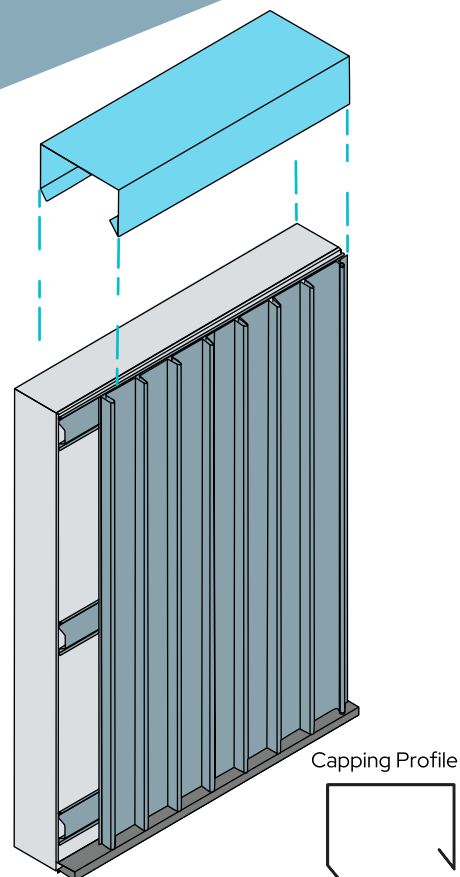
PANEL FIXING PROCEDURE



- 4** When the positioning of the starter flashing is secured, the very first Nail Strip panel will be attached over the starter strip.



- 5** Repeat Step 5 until the entire wall is fully cladded.



- 6** A Capping is placed on top to secure the panels in place and to ensure no water leakage.

COMPLETED WALL PANEL INSTALLATION



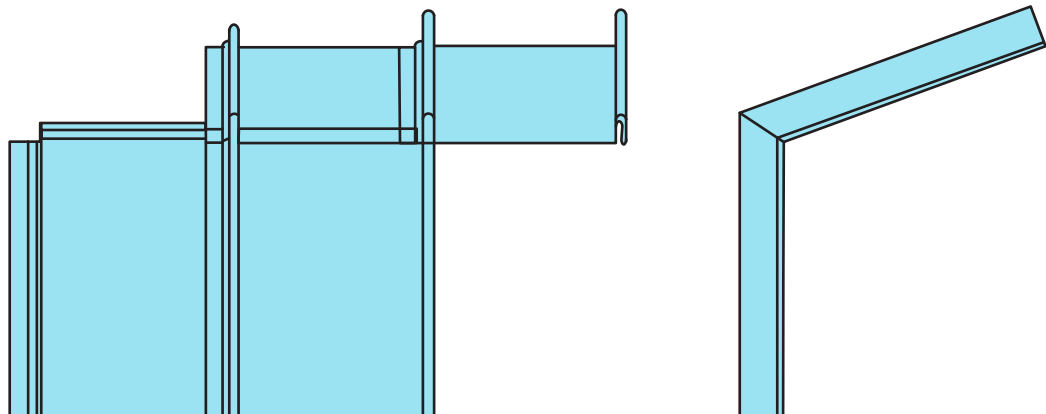
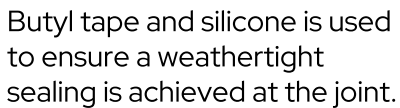
1. Enviroseal® RW Plus
2. CMI Tophat Battens
3. Toe Mould
4. CMI Nail Strip Starter Flashing
5. CMI Nail Strip Panel
6. Capping

Disclaimer:

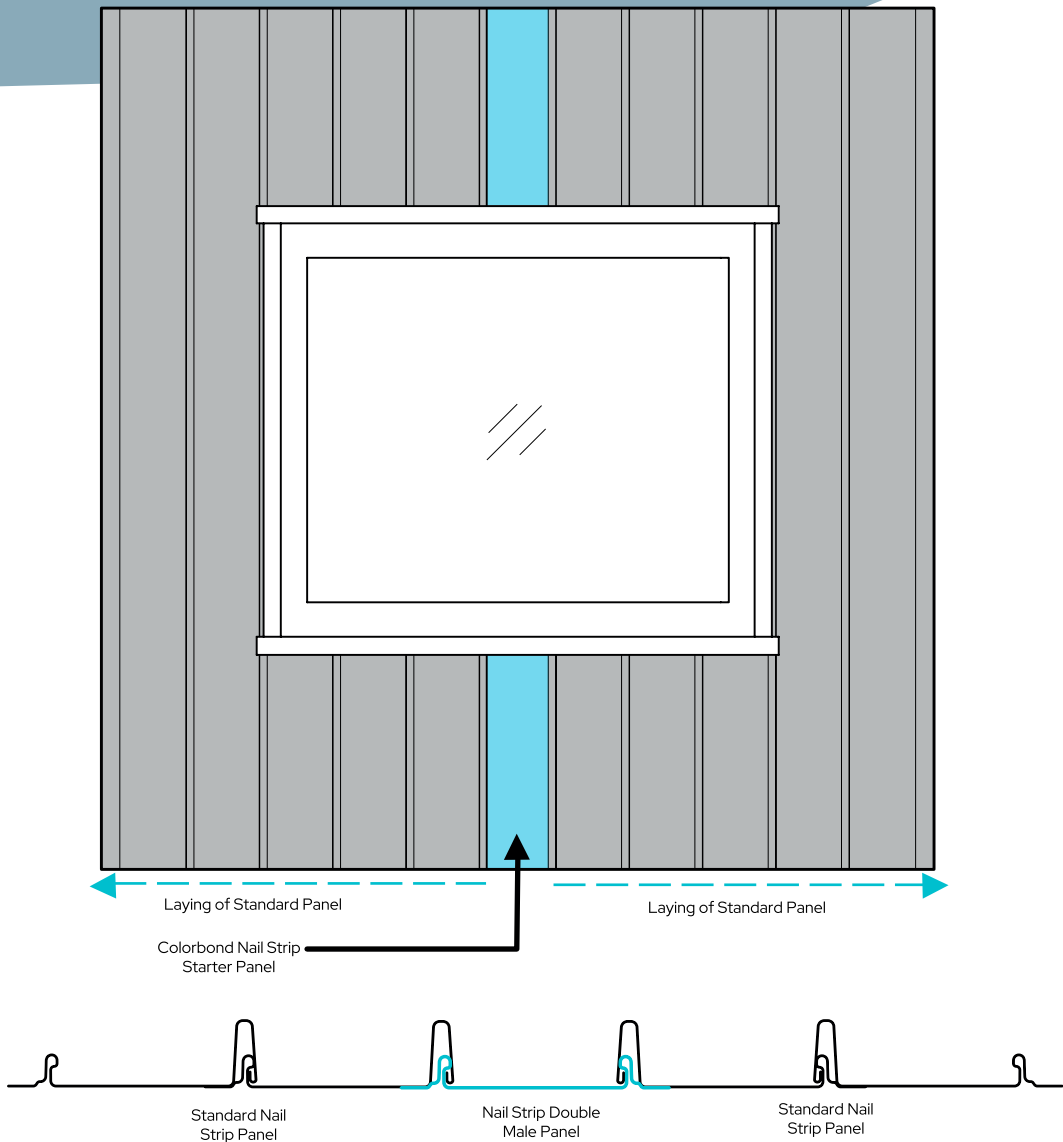
This installation guide serves as a general reference. If adjustments to the sequence are needed, it is the installer's responsibility to ensure compliance with Australian Standards and the National Construction Code.

A standardized 50mm (length can be increased if deemed required) underfold is bent at an angle to allow for easy installation of the Nail Strip Panel on to the wall or the roof.

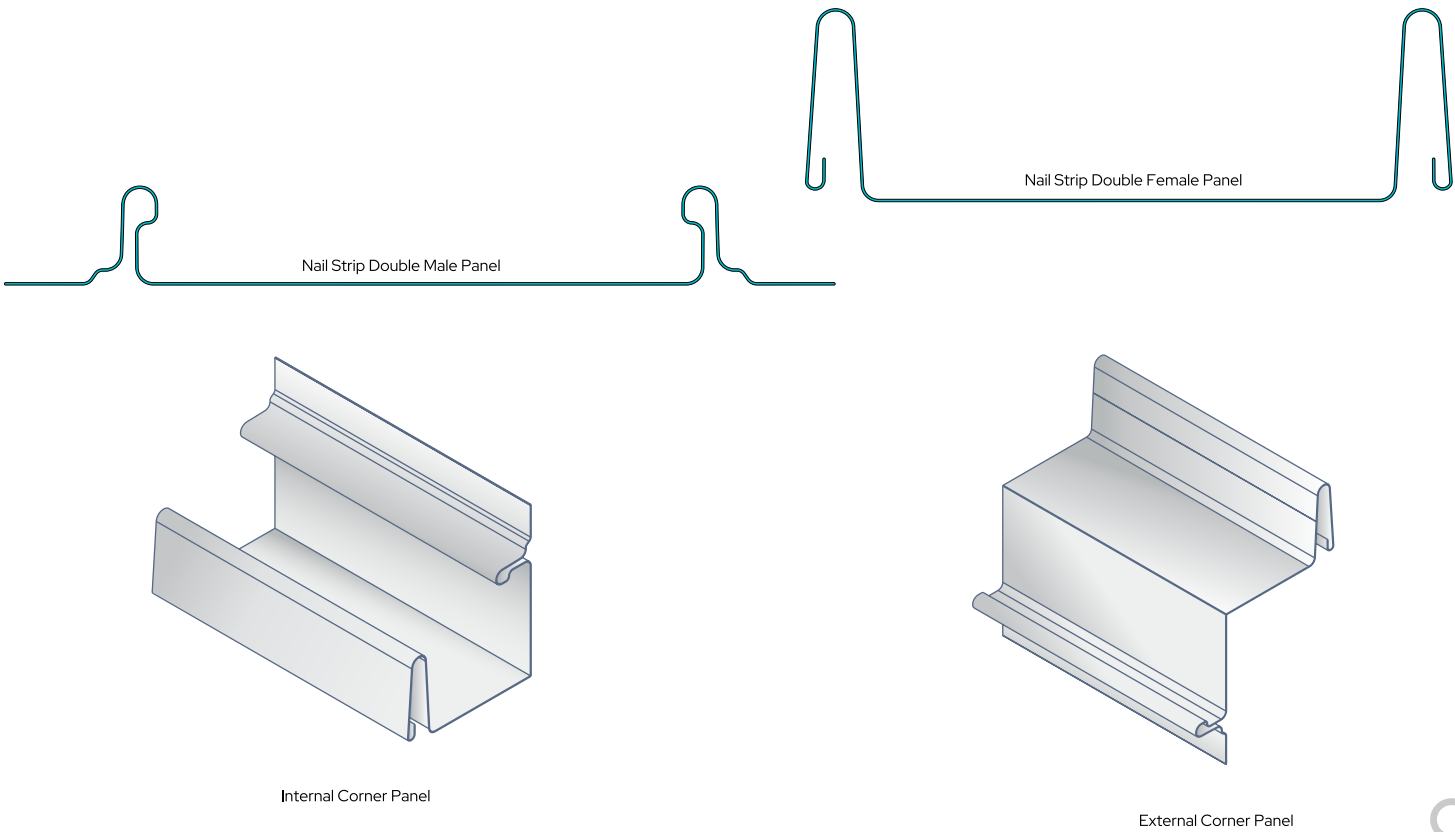
The roof sheet is notched at an angle to replicate the wall rib height, with the ribs being cut back to the pans.



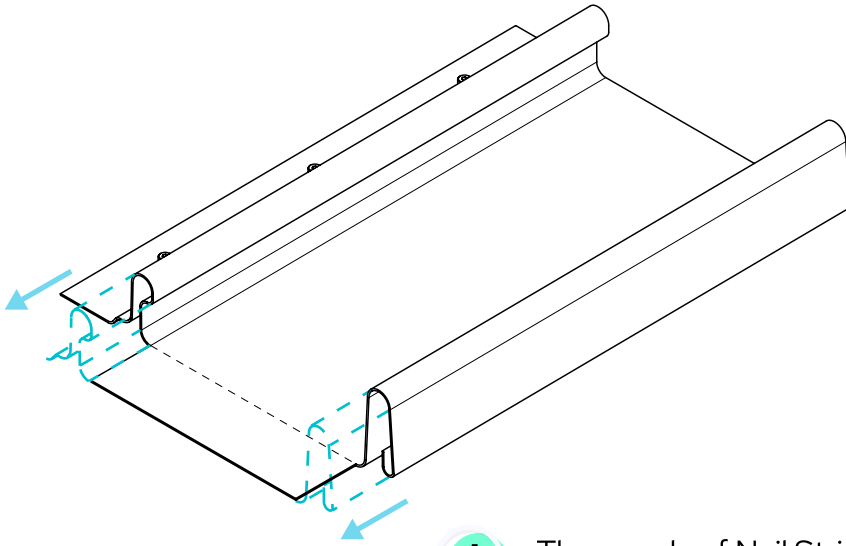
TYPICAL WINDOW DETAILING



CUSTOM NAIL STRIP PANEL PROFILES



TYPICAL PANEL STOP-END PROCEDURE



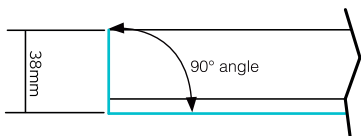
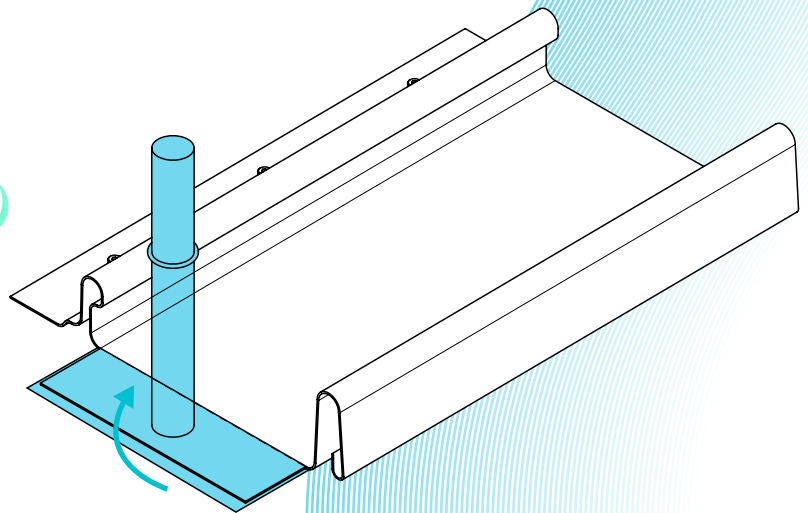
1

The panels of Nail Strip sheets require to be fabricated with an excess of 38mm in length in comparison to the original finished panel to be applicable for field hemmed ends.

The plan of the sheet is placed into a hemming tool, with the front edge resting in between the ribs.

With pressure being placed against the sheet panel, the hemming tool is then rotated to a 90° angle upwards.

2



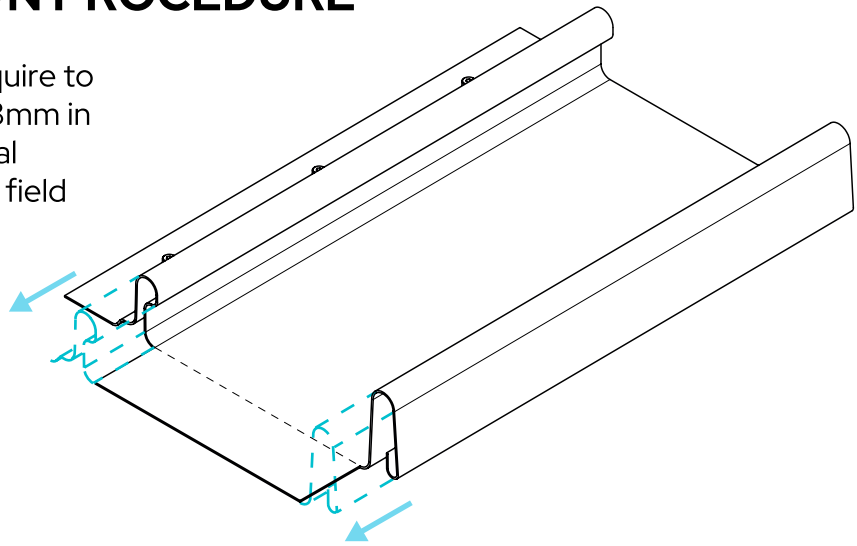
3

The front edge is bent and ready for quality inspection.

TYPICAL PANEL TURN-DOWN PROCEDURE

1

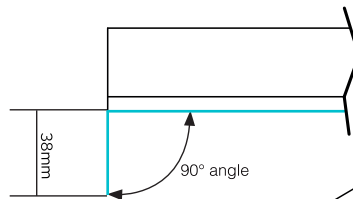
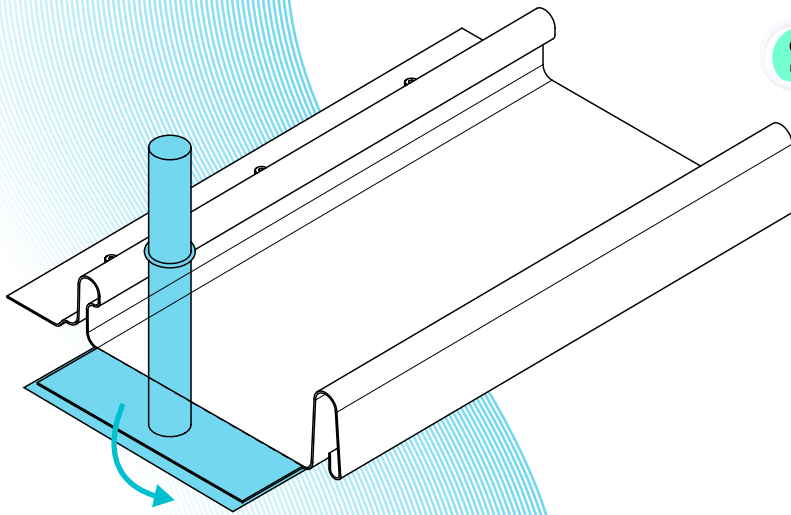
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2

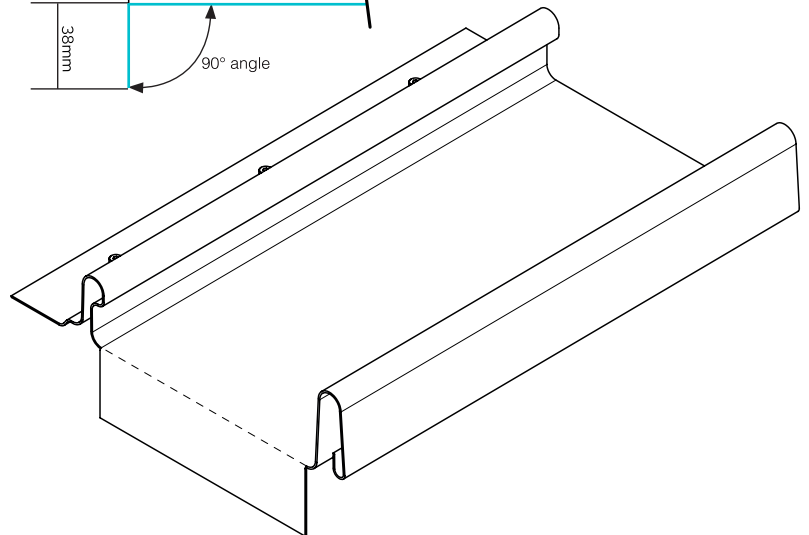
The plan of the sheet is placed into a hemming tool, with the front edge resting in between the ribs.

With pressure being placed against the sheet panel, the hemming tool is then rotated to a 90° angle downwards.



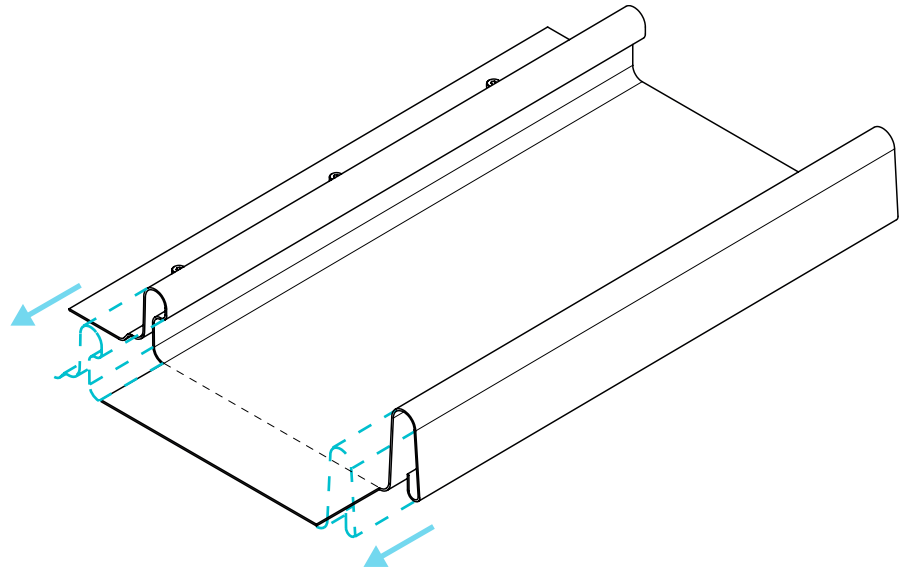
The front edge is bent and ready for quality inspection.

3

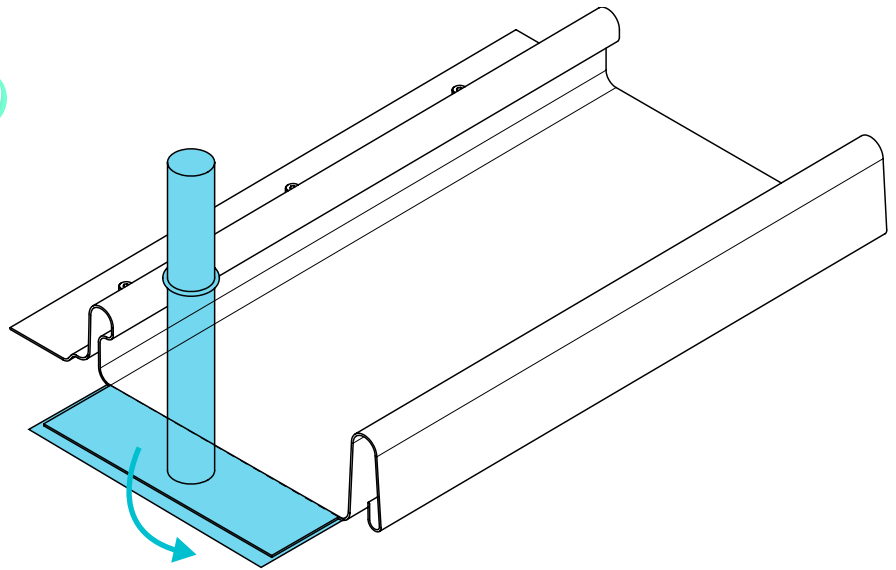


TYPICAL PANEL UNDERFOLD PROCEDURE

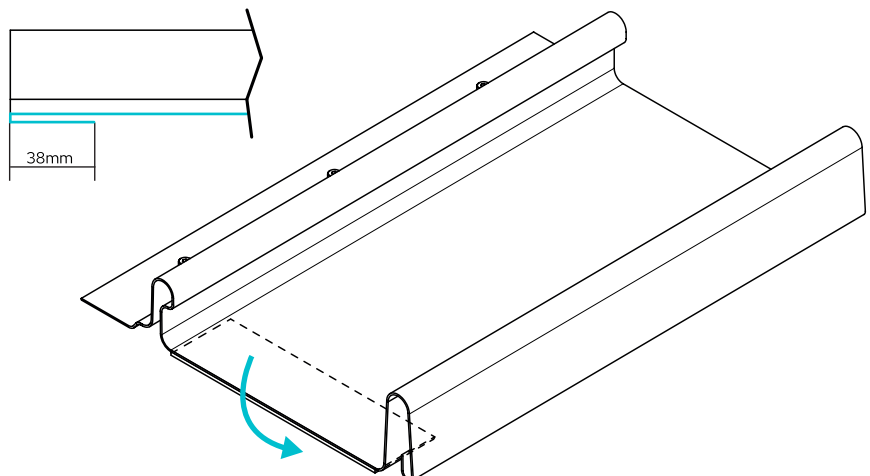
1



2



3



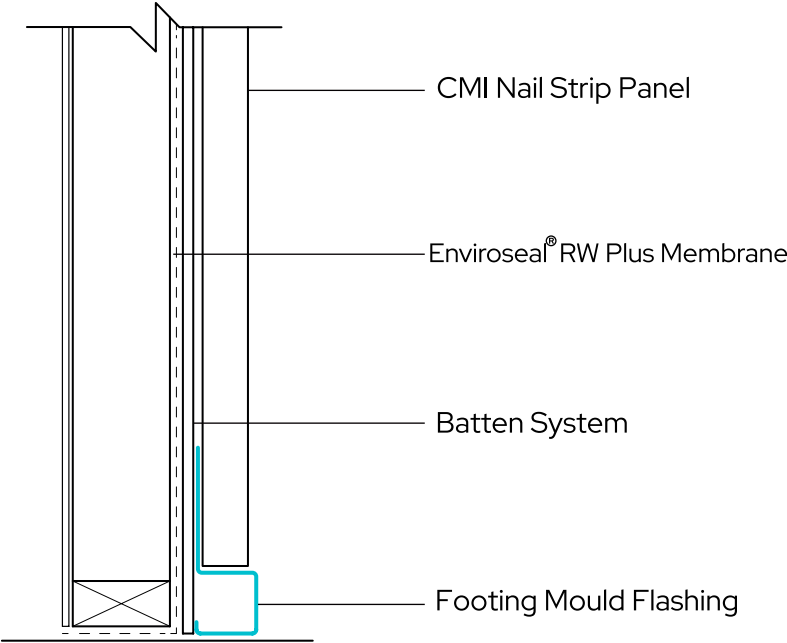
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The plan of the sheet is placed into a hemming tool, with the front edge resting in between the ribs.

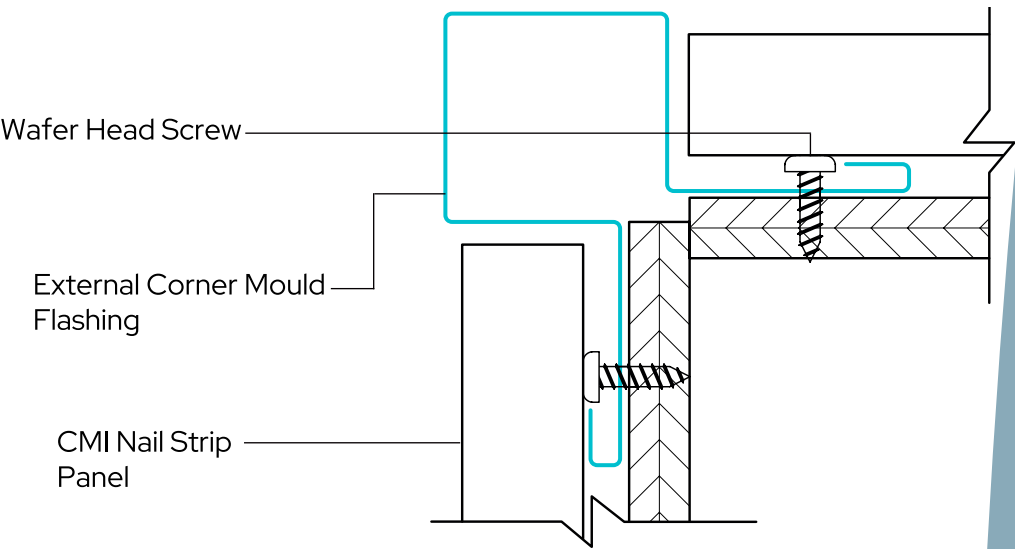
With pressure being placed against the sheet panel, the hemming tool is then rotated to a 90° angle upwards.

The front edge is bent and ready for quality inspection.

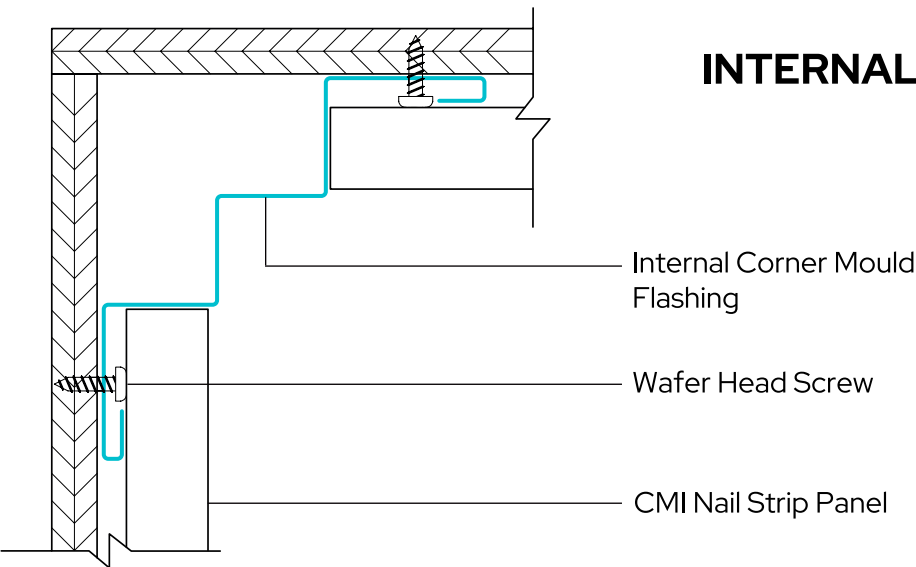
FOOTING MOULD FLASHING DETAIL



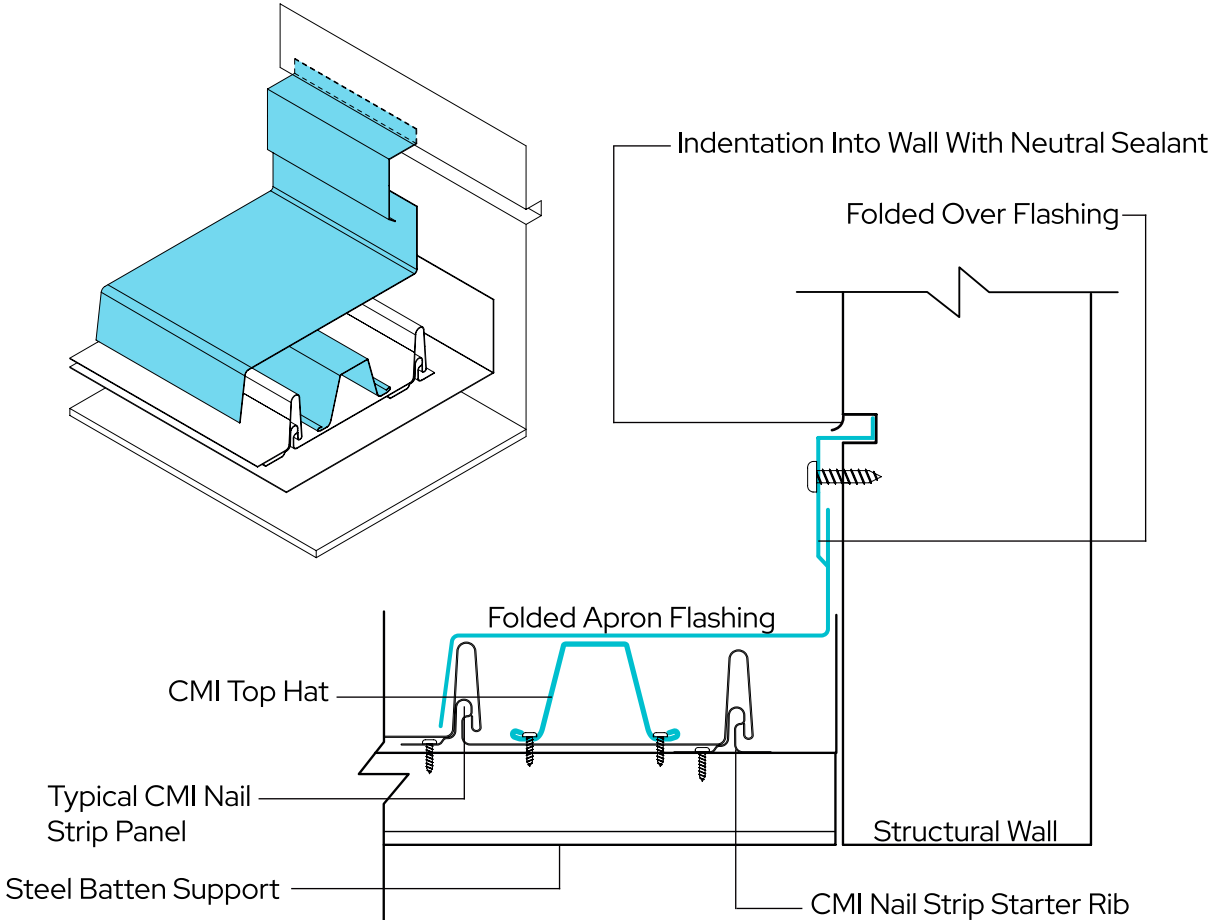
EXTERNAL CORNER FLASHING DETAIL



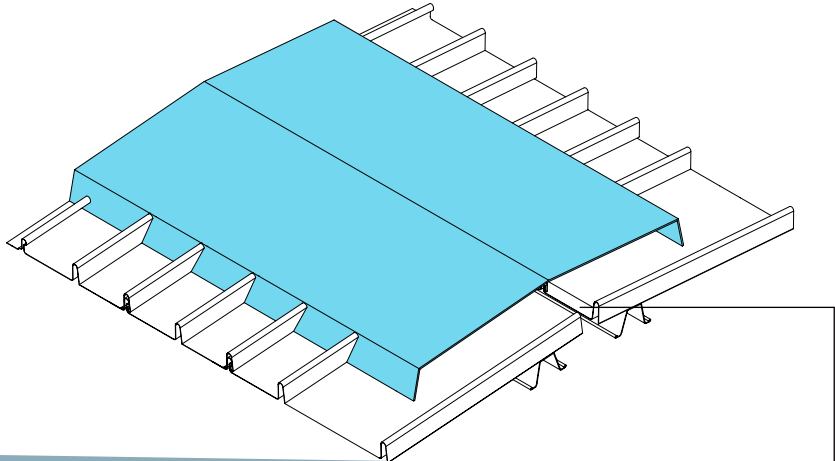
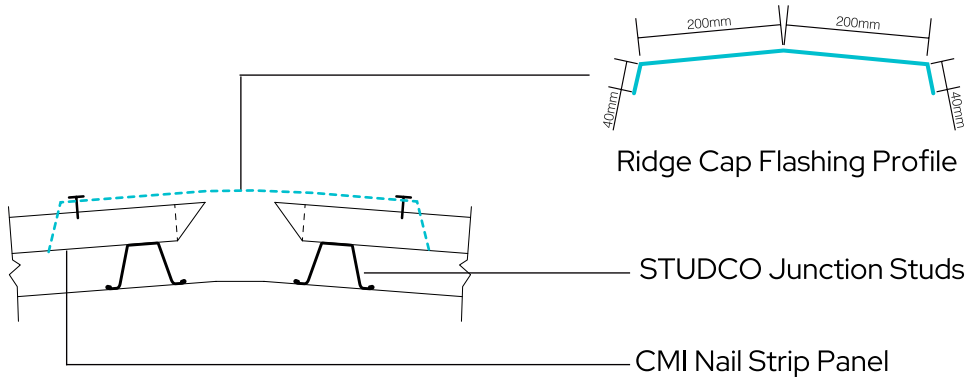
INTERNAL CORNER FLASHING DETAIL



APRON FLASHING

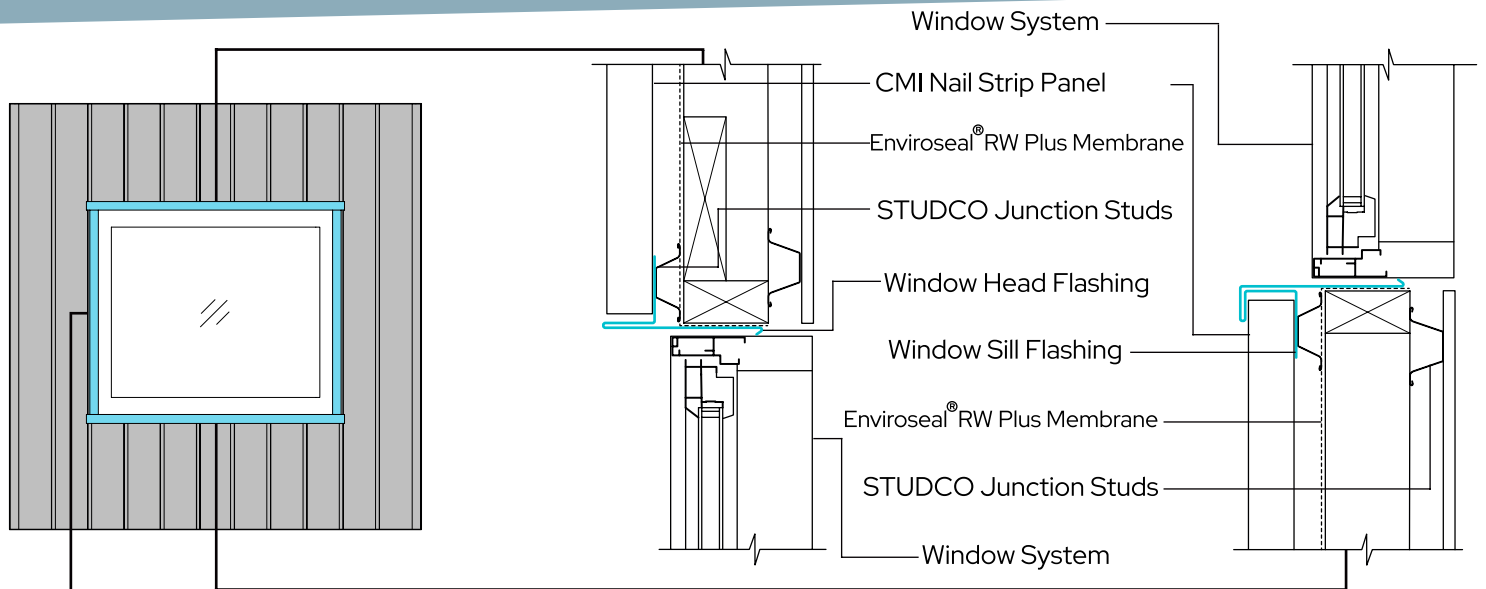


RIDGE CAP FLASHING

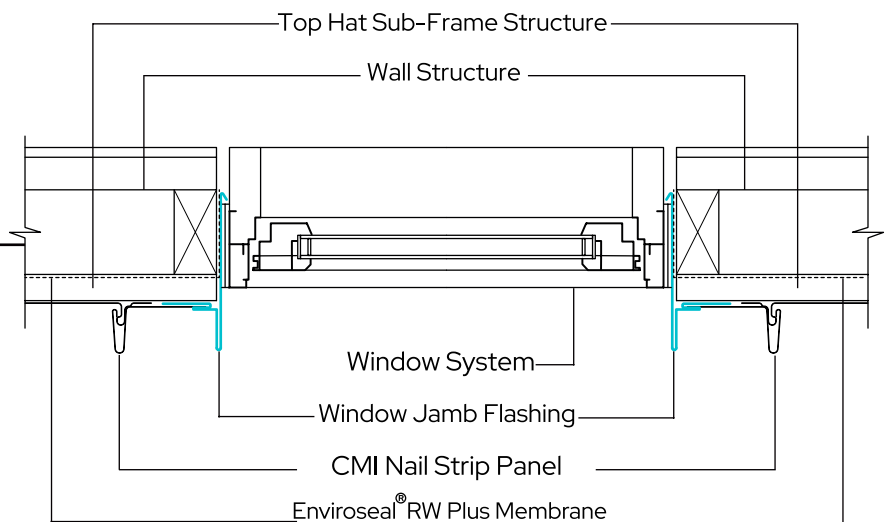


Folded up end sheeting, refer to Typical Panel Stop-End Procedure

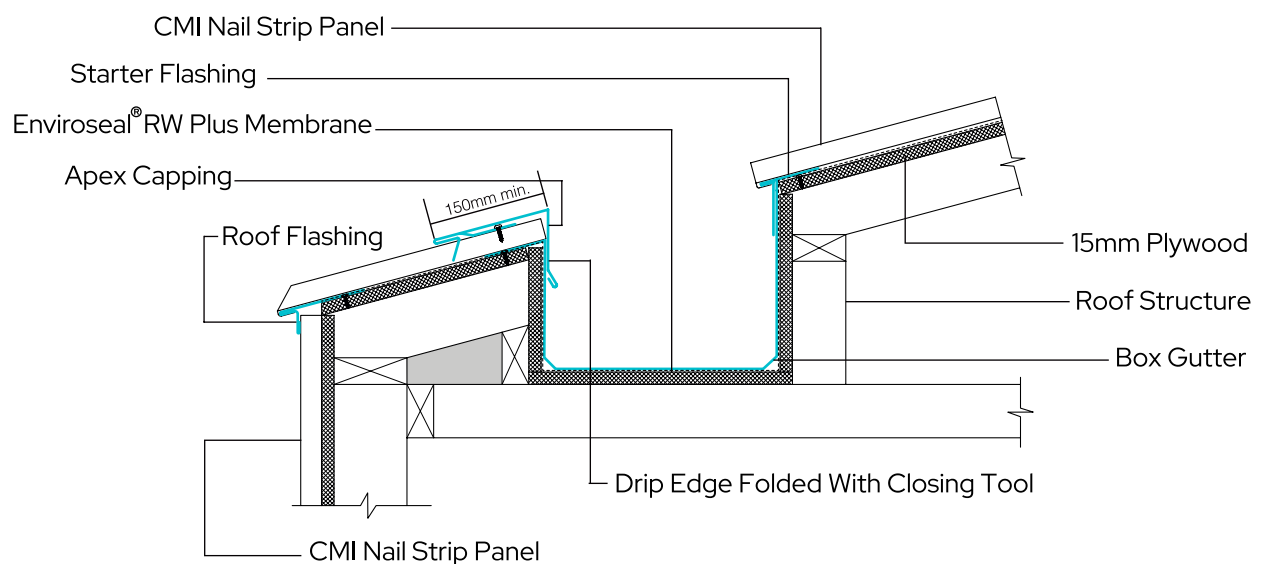
WINDOW HEAD AND SILL FLASHING DETAIL



WINDOW JAMB FLASHING DETAIL



BOX GUTTER FLASHING DETAIL



Find Your Perfect Colour Match

Explore our full range of COLORBOND® steel colours—designed to suit every home style, from modern to traditional, coastal to country.

For a sleek, contemporary finish, COLORBOND® steel in a Matt finish is highly recommended—perfect for achieving clean lines, subtle textures, and a sophisticated aesthetic that elevates any facade.

COLORBOND® Classic Finish

Timeless colours with a subtle sheen—perfect for traditional and modern homes alike.



Monument®



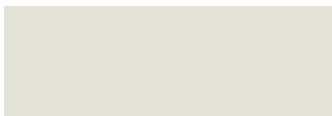
Woodland Grey®



Windspray®



Wallaby®



Surfmist®



Southerly®



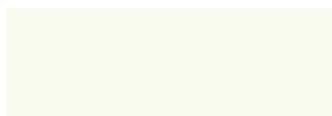
Basalt®



Shale Grey™



Bluegum®



Dover White™



Classic Cream™



Evening Haze®



Paperbark®



Dune®



Gully®



Jasper®



Pale Eucalypt®



Manor Red®



Cottage Green®



Deep Ocean®



Ironstone®



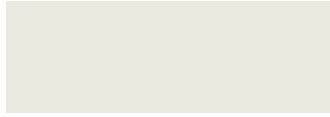
Night Sky®

COLORBOND® Matt Finish

Sophisticated and contemporary tones with a soft, textured appearance for a designer edge.



Monument®



Surfmist®



Basalt®



Shale Grey™



Bluegum®



Dune®

COLORBOND® Ultra Finish

Designed for superior performance in coastal and harsh environments—style with added protection.



Monumemt®



Woodland Grey®



Windspray®



Wallaby®



Surfmist®



Shale Grey®



Dune®

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