

# Nail Strip

**Contemporary style rib panel**

**Simple and fast installation**

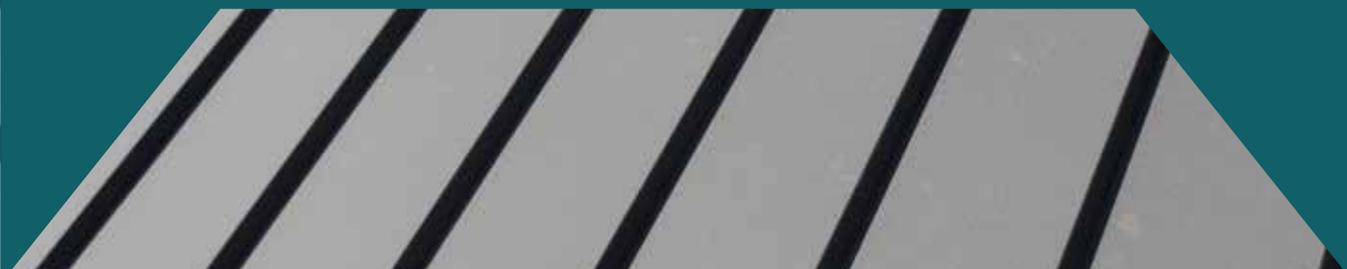
**Low maintenance and enduring**

**No special tools or clips required**

**Ideal for cladding wall applications**

**Diverse selection of materials, finishes textures and colours**

**Compliant with stringent fire rating standards**



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# NAIL STRIP

MAC Nail Strip cladding system is a concealed fix profile ideal for all modern and traditional architectural facades.

Nail Strip has an adjustable recessed pan with a raised seam of 38 mm in height. The effect of a structure covered by this cladding is a series of continuous flowing thick bands neatly framed by thin ribs that lends to a range of effects through a combination of light and shadow to produce a dynamic visual impact.

**“This profile is fast and simple to install and great for owner builders and renovators”**



Perfect for residential and commercial applications, Nail Strip is simple and fast to install making it ideal for large scale or time-poor applications.

Available in 38 mm rib height and custom pan widths with lengths of up to 8 metres. The Nail Strip cladding system will meet your building construction requirements.

Combined with vast material finishing options including Colorbond®, Copper, Redcor®, Aluminium and Stainless Steel this cladding will create a unique style to your project.



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# Profile Details

**Nail Strip cladding has an adjustable flat recessed pan with a raised seam of 38 mm high.**

Nail Strip is fastened with screws along its perforated Nail Strip edge and requires no clips or special tooling. Fast and straightforward to install, Nail Strip is perfect for renovators and owner builders. Panels can be installed horizontally, vertically or diagonally to create a contemporary and dynamic aesthetic.

Panel width can be customised to suit your project needs, giving you optimum flexibility when using on complex designs. This also allows control of the spacing between windows and doorways so that the panel lines finish neatly along with frames or shut lines.

The Nail Strip system uses concealed fasteners along the perforated edge to secure the panel to the sub-structure and the next panel simply clips on.



This system creates a durable sealed weather-tight joint, suitable for both cladding and roofing applications.



# Materials Range

MAC Nail Strip is manufactured from a vast selection of materials and finishes to achieve a truly stunning outcome for your project.



## Colorbond®

Colorbond® steel is a 100% Australian product that has been tested and developed to withstand the harsh and extreme Australian environment. MAC Nail Strip is available in the complete Colorbond® range which includes Contemporary; Classic; Ultra and Matt finishes to achieve your design vision.

Colorbond



## Copper

Copper has an attractive and unique finish. It is very durable and low maintenance with natural resistance to salt water corrosion making it ideal for coastal as well as traditional building applications. It is also 100% recyclable.



## Aluminium

Aluminium is an economical and corrosion resistant product which is malleable, lightweight and strong so it can be easily shaped to suit a range of different profiles. Aluminium is non-combustible and comes with excellent material warranty.

\* Aluminium Material Warranty from 15 to 40 years depending on specification



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Take comfort in knowing that all materials sourced and used in MAC Nail Strip are non-combustible, fire tested, rated and certified.



### **Stainless Steel**

Stainless Steel is one of the most common materials used in today's construction. Wall cladding may be used both on the interior and exterior of buildings creating a striking architectural effect. There are a lot of reasons why Stainless Steel is the top choice of architects.



### **Redcor®**

Redcor® is a steel alloy developed to eliminate the need for painting and forms a stable rust-like appearance.



# Product Data Sheet

## MAC Nail Strip Profile 38

<b>PROFILE</b>				
<b>RIB HEIGHT (H)</b>	38 mm			
<b>MAXIMUM LENGTH</b>	1000 mm - 8000 mm [Restrictions may apply]			
<b>PAN WIDTH (P)</b>	180 mm – 490 mm			
<b>STANDARD PANELS</b>	<b>RIB HEIGHT</b>	38 mm		
	<b>COVER</b>	265 mm	340 mm	
<b>PANEL TYPE</b>				
<b>PANEL TOLERANCE</b>	Plus or minus 3 mm			
<b>MATERIAL</b>	<b>Material Thickness</b>	<b>Weight m<sup>2</sup></b>	<b>Material Warranty</b>	<b>Flammability</b>
Colorbond® Range	0.55 mm	4.9 kg	15 years	Non-combustible
Aluminium	0.70 mm	2.23 kg	15-40 years	Non-combustible
Copper	0.7 mm	5.5 kg	30 years	Non-combustible
Redcor®	0.7 mm	7.2 kg	10 years	Non-combustible
Please contact Metroll for further information on material warranty specifications				
<b>LAYING DIRECTION</b>	Vertical, Horizontal & Diagonal			
<b>SUB-STRUCTURE DETAILS</b>	Roofing	<ul style="list-style-type: none"> <li>▫ 19 mm CD grade structural plywood AS/NZS 2269.</li> <li>▫ Timber battens 90 x 45 mm / 70 x 45 mm.</li> <li>▫ Direct fix to 22 mm or 40 mm metal batten.</li> <li>▫ Use recommended ProctorWrap roofing grade fully breathable/water proof membrane between Nail Strip and substrate to create separation barrier to avoid condensation.</li> <li>▫ Minimum roof pitch 8 degrees (38 mm recommended).</li> </ul>		
	Wall Cladding	<ul style="list-style-type: none"> <li>▫ 15 mm CD grade structural plywood AS/NZS 2269.</li> <li>▫ Timber battens 90 x 45 mm / 70 x 45 mm.</li> <li>▫ Direct fix to 22 mm or 40 mm metal batten.</li> <li>▫ Use recommended ProctorWrap commercial wall grade fully breathable/water proof membrane between Nail Strip and substrate to create separation barrier to avoid condensation.</li> </ul>		
<b>SUPPORT SPACING</b>	<ul style="list-style-type: none"> <li>▫ Support/fastened every 350 mm centres (Edge/Perimeter of area).</li> <li>▫ Support/fastened every 600 mm centres (General area).</li> <li>▫ Minimum of 25 mm fastener embedment in CD grade structural plywood.</li> </ul>			
<b>FIXING METHOD</b>	Fastener mechanical fix (Male tab)			
<b>FASTENERS</b>	Steel Batten: 10mm x 16mm Flat Head Class 3 / Timber Batten: 10mm x 25mm Flat Head Class 3			



**Note:**

- Dimensions are subject to manufacturing tolerances.
- Specifications are general and should be used as a guide only.
- Please check with local building codes for specification requirements.
- Installation of product is the sole responsibility of the specified site installer to ensure they meet Australian Building Code and site specific requirements.
- Individual material warranties warranted by supplier.

# Installation Guide

Installation of the MAC Nail Strip cladding system requires skill and attention to detail.

The MAC Nail Strip cladding system allows the flexibility to custom design panels to suit the required application for a superior finish. This includes panel designs to satisfy internal and external corners, windows, doors or unique designs to your specification.



- 1 Ridge Capping
- 2 External Corner
- 3 Internal Corner
- 4 Foot Mould Flashing
- 5 Header Flashing
- 6 Starter Panel
- 7 Window Flashing



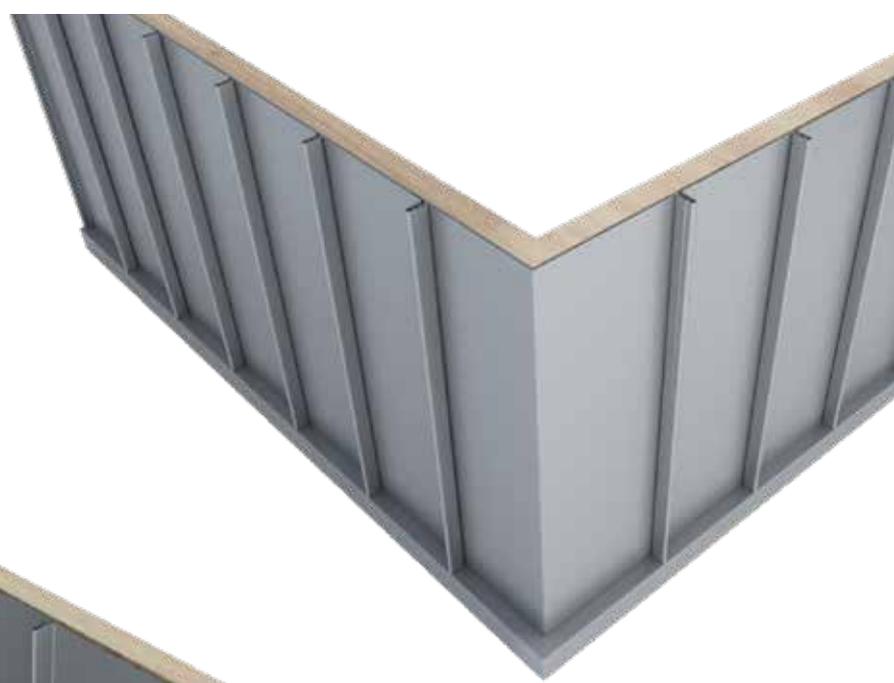
- 1 Ridge Capping**  
Ridge Capping is used where the two sheets of Nail Strip meet on a roof. It is designed to make the roof waterproof.

*Standard Ridge Capping illustrated.*

**2 External Corner**

External corners are used for a clean finish rather than using flashing.

*Standard Double Male External Panel illustrated.*



**3 Internal Corner**

Internal corners are required to create a clean finish and make watertight.

*Standard Double Male Internal Panel illustrated.*



**4 Foot Mould Flashing**

Foot mould flashings are required at the bottom of the cladding panels to create a clean look.

*Standard Foot Mould illustrated.*



**5 Header Flashing**

Header flashings are used at the top of the cladding panels for a neat watertight finish.

*Typical Custom Profile illustrated.*





**5 Starter Panel**

Starter panels are usually installed at the middle of a window. Adjacent panels are laid left and right for clean even spacing.

*Double Male Starter Panel illustrated.*

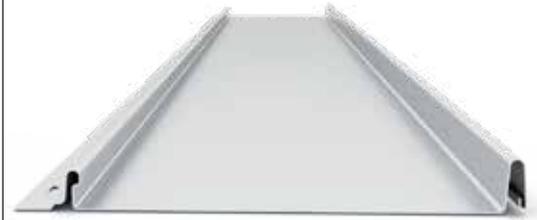
**6 Window Flashing**

Window flashings can be designed and installed using several methods.

*Custom Design illustrated.*



**Nail Strip Installation Process**



Nail Strip profile.



Screws fixed along the perforated male edge prior to female edge clipping over to lock-in.



Finished Nail Strip joint.



# Frequently Asked Questions

Answers to some of the most frequently asked questions.  
Please do not hesitate to contact us if you have further queries.

## **What is the difference between Nail Strip and the other rib profiles?**

The MAC Nail Strip system is different from the other profiles as it only requires screw fastening along its perforated edges. Similar profiles (Snap Lock and Standing Seam) both require clips to fix down the underlap. The Nail Strip pan width can also be adjusted. This makes installation quick with no need for specialised tools.

## **Are special tools required to install Nail Strip?**

No, there is no need for any specialised tools; only screw fixing is required.

## **How do I maintain my cladding (dependant on material)?**

Usually clean water is sufficient with a soft bristle brush. For more stubborn stains, a mild detergent can be used. Never use solvent based cleaners. Maintaining your cladding every 6 months is recommended, more often in coastal and industrial areas.

## **Can I purchase flashings and accessories for MAC Nail Strip?**

Yes, you can. Metroll custom make all flashings to a maximum length of 8 meters. We also manufacture cladding, roofing, rainwater goods, battens and stock a range of accessories.

## **What if I have a specific colour that is not part of the standard range?**

We have the most popular colours in stock at all times. However, if you require a unique colour, Metroll provides custom colour finish services. Please contact Metroll to discuss further.

## **Does Metroll only supply or can they supply and install?**

Metroll manufacture to order only. However, we do have a wide range of certified installers we can recommend.

## **Is MAC Nail Strip fire resistant?**

Yes. MAC Nail Strip has been fire tested and complies with the Australian Standard codes of practice.

## **Where can I view the cladding products and material range?**

Visit us at:  
70 - 72 Rundle Road, Salisbury South, SA 5106.  
We are open from 7.30am to 5pm Monday to Friday.

**Please contact us on 08 8282 3300  
if you have any further questions.**



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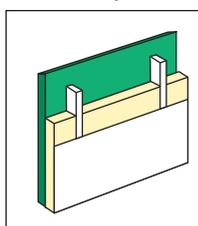


# Accessories

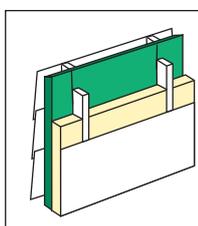
A range of components is available required for the installation of the MAC Nail Strip cladding system.

## ProctorWrap™

Enviroseal™ ProctorWrap™ CW/ HTR is a triple layer polyolefin non-woven textile wrap that is highly vapour permeable allowing moisture to escape from inside the building while also acting as a barrier preventing liquid entering from the outside. Wrapping in Enviroseal™ ProctorWrap™ CW/ HTR helps minimise the risk of condensation and mould growth while improving the energy efficiency of the building.



Lightweight Clad (Direct Fix)	
Insulation	
<b>R2.5</b>	
Summer	Winter
<b>R2.6</b>	<b>R2.6</b>



Lightweight Clad (Battened)	
Insulation	
<b>R2.5</b>	
Summer	Winter
<b>R2.7</b>	<b>R2.7</b>

PRODUCT	WIDTH	LENGTH	COVERAGE	WEIGHT*
Enviroseal™ ProctorWrap™ CW	1500 mm	50m	75m <sup>2</sup>	7.9 kg
Enviroseal™ ProctorWrap™ HTR	1500 mm	50m	75m <sup>2</sup>	18 kg

\* Weight per roll

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enviroseal™

## Fasteners

Metroll stock a range of Bremick fasteners to assist with your cladding installation.

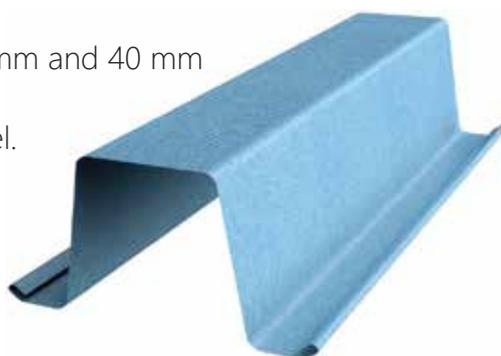
Supalow Head Screw  
10 mm x 16 mm  
10 mm x 25 mm



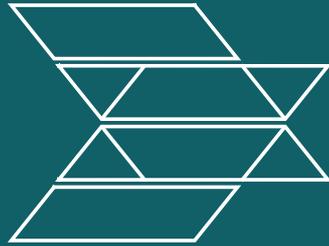
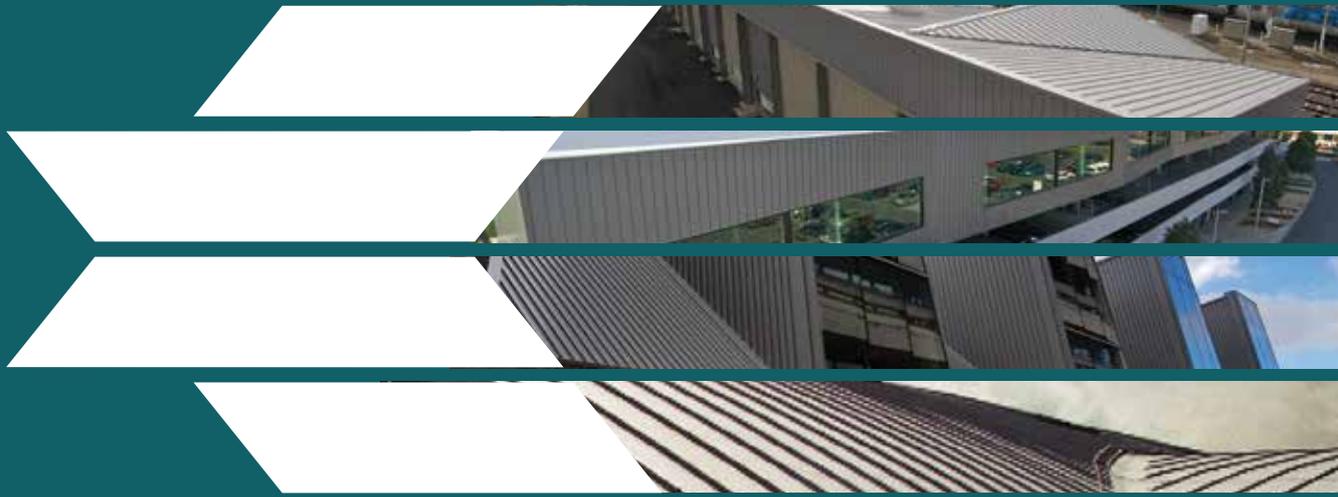
## Battens

Battens are available in 22 mm and 40 mm heights manufactured from Truecore® High Tensile Steel. Standard lengths come in 6.1 metres.

**Truecore®**



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Nail Strip  
Standing Seam  
Snap Lock  
Interlocking Panel

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**Roofing & Cladding**  
**Roofing Accessories**  
**Rainwater Goods**  
**Colorbond® Steel Fencing**  
**Top Hats, Battens & Stud Frames**  
**Insulated Panels**  
**Purlins & Structural**

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