

# MAC Nail Strip

**Contemporary style rib panel**

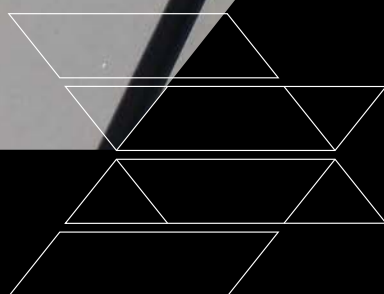
**Simple and fast installation**

**Low maintenance and enduring**

**No special tools or clips required**

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

**Compliant with stringent fire rating standards**



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# MAC NAIL STRIP

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

MAC Nail Strip has an adjustable recessed pan with a raised seam of either 25 mm or 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.

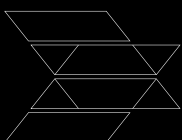
**“This profile is fast and simple to install and great for owner builders and renovators”**



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 25 mm or 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 a vast range of material finishing options including Colorbond® Steel, Redcor® Weathering Steel, Aluminium and Copper.



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# Profile Details

**MAC Nail Strip cladding has an adjustable flat recessed pan with a raised seam of either 25 mm or 38 mm high.**

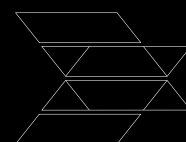
MAC Nail Strip is fastened with screws along its perforated edge and requires no clips or special tooling. Simple and fast to install, MAC Nail Strip is perfect for renovators and owner builders. Panels can be installed horizontally, vertically or diagonally to create a contemporary and dynamic aesthetic.

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

The MAC 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.



Nail Strip features a durable, sealed, weather-tight joint suitable for both cladding and roofing applications.



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# 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® Steel

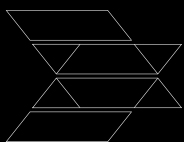
Colorbond® steel is a 100% Australian product that has been tested and developed to withstand the harsh and extreme Australian environment. MAC Nail Strip is available in the complete Colorbond® range which includes Contemporary; Classic; Ultra and Matt finishes to achieve your design vision.

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 locations. It is also 100% recyclable.



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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.



### Aluminium

Aluminium is an economical and corrosion resistant product which is malleable, lightweight and strong. It is 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

### Redcor® Weathering Steel

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

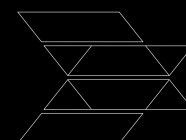


### OIL CANNING

Oil Canning is an inherent characteristic of non-ferrous metals with broad, flat areas. The Architect, Builder and Homeowner needs to be aware that Oil Canning may affect the overall aesthetic outcome.

There are measures that can be taken during design and installation to minimise the risk, such as ensuring the plywood is flush, the panels are fixed vertically, limiting the continuous length of each panel and reducing the size of the pan.

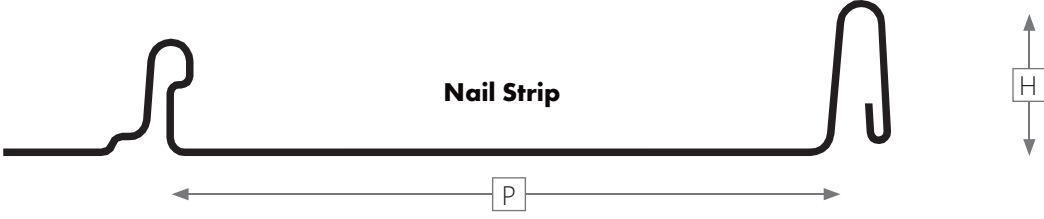

For more information please contact your Metroll branch.



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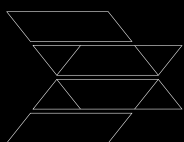
# Product Data Sheet

## MAC Nail Strip

<b>PROFILE</b>				
<b>RIB HEIGHT (H)</b>	25 mm or 38 mm			
<b>MAXIMUM LENGTH</b>	1000 to 8000 mm* (Restrictions may apply)			
<b>PAN WIDTH (P)</b>	200 to 465 mm			
<b>STANDARD PANELS</b>	<b>RIB HEIGHT</b>	25 mm or 38 mm		
	<b>COVER</b>	265 mm or 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® Weathering Steel	0.7 mm	7.2 kg		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 25 mm or 40 mm steel battens.</li> <li>• Use recommended ProctorWrap roofing grade fully breathable/water proof membrane between MAC Nail Strip and substrate to create separation barrier to avoid condensation.</li> <li>• Minimum Roof Pitch 7.5° (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 25 mm or 40 mm metal battens.</li> <li>• Use recommended ProctorWrap commercial wall grade fully breathable/water proof membrane between MAC Nail Strip and substrate to create a 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: 10g - 16 x 16 Wafer Head Screw Timber Batten: 10 - 12 x 25 mm Wafer Head Wood Screw w/ #2 Phillips Slot @ 100 mm CTS			

### Notes:

- Metroll recommend installing pan stiffeners. Please contact your Metroll branch for more information.
- 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 compliance with the Australian Building Code and site specific requirements.
- Individual material warranties warranted by supplier.
- \*Recommended maximum length 4000 mm. Please enquire with your Metroll branch.



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# Installation Guide

Installation of MAC Nail Strip 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.



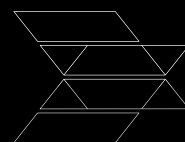
- 1 Ridge Capping
- 2 External Corner
- 3 Internal Corner
- 4 Foot Mould Flashing
- 5 Header Flashing
- 6 Starter Panel
- 7 Window Flashing



## 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.*

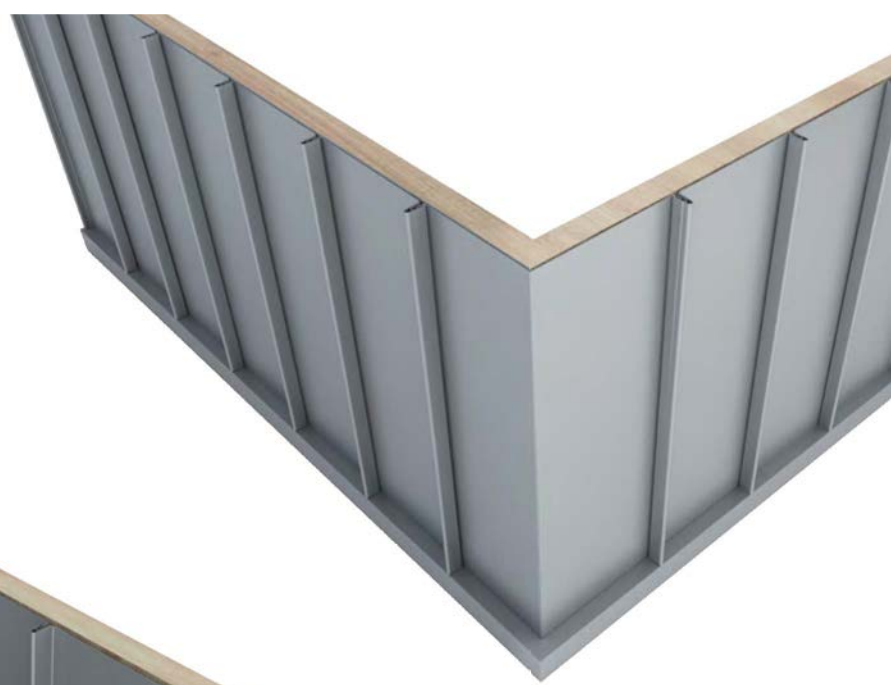


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## 2 External Corner

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.

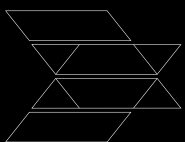
*Standard foot mould illustrated.*



## 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



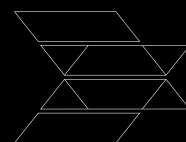
Nail Strip profile.



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



Finished Nail Strip joint.



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# 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 MAC Nail Strip and the other rib profiles?**

MAC Nail Strip 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 the underlap. The Nail Strip pan width can also be adjusted. This makes installation quick.

## **Are special tools required to install MAC 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 metres. 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?**

### **Metroll Perth**

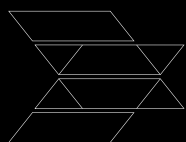
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Phone: 08 9365 5444

### **Metroll Bunbury**

11 Proffit Street, Bunbury, WA 6230  
Phone: 08 9796 9796

### **Metroll Albany**

179 Chester Pass Road, Albany, WA 6330  
Phone: 08 9841 6966



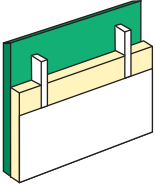
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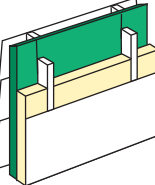
# Accessories

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

## 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	50 m	75 m <sup>2</sup>	7.9 kg
Enviroseal™ ProctorWrap™ HTR	1500 mm	50 m	75 m <sup>2</sup>	18 kg

\* Weight per roll

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## Fasteners

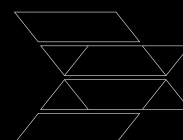
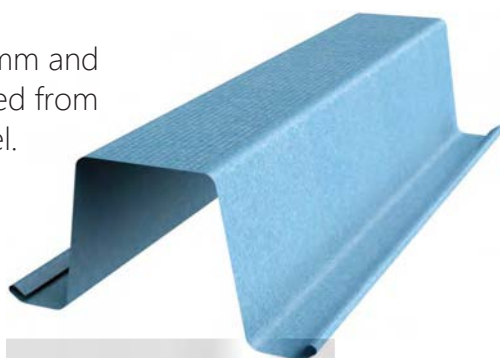
Metroll stock a range of Bremick fasteners to assist with your cladding installation.



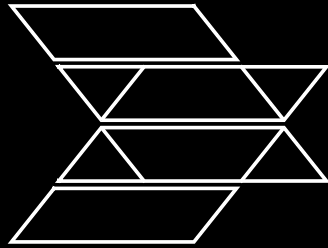
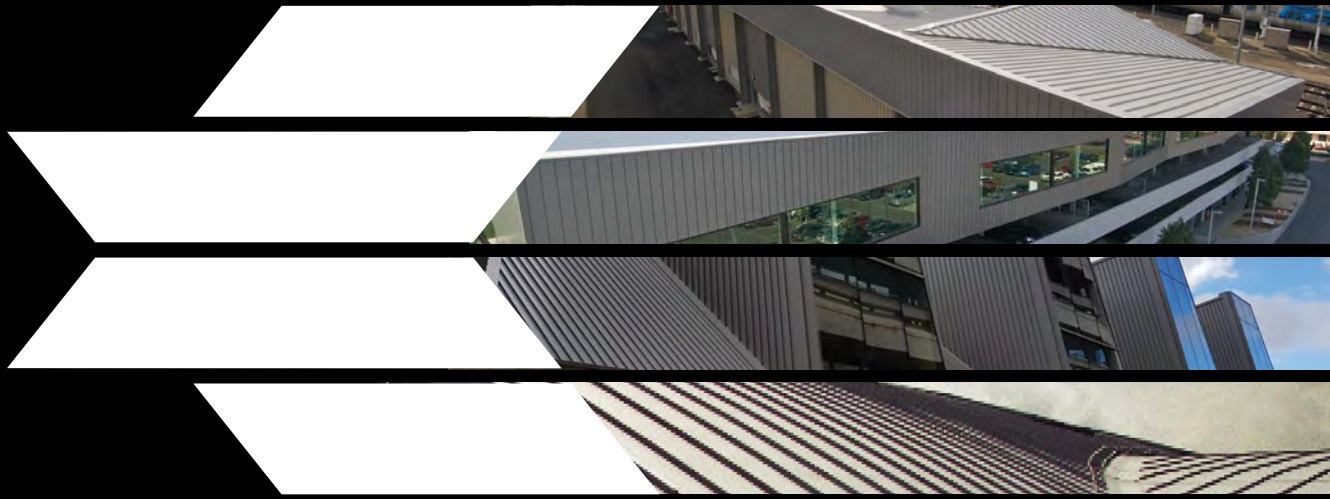
## Battens

Battens are available in 25 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  
Distinction®

### ALSO AVAILABLE FROM METROLL:

**Roofing & Cladding**

**Roofing Accessories**

**Rainwater Goods**

**Colorbond® Steel Fencing**

**Top Hats, Battens & Stud Frames**

**Insulated Panels**

**Purlins & Structural**

All reasonable care has been taken in the compilation of the information contained in this brochure. All recommendations on the use of Metroll products are made without guarantee as conditions of use are beyond the control of Metroll. It is the customers responsibility to ensure that the product is fit for its intended purpose and that the actual conditions of use are suitable. Metroll pursues a policy of continuous development and reserves the right to amend specifications without prior notice. The Metroll M and Logo are registered trademarks of Metroll. COLORBOND®, ZINCALUME®, REDCOR® steels are registered trademarks of BlueScope Steel Limited.

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