

Snap Lock

Ultramodern and defined rib design

Strong clip system

Low maintenance and enduring

Diverse selection of materials, finishes textures and colours

Compliant with stringent fire rating standards



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SNAP LOCK

MAC Snap Lock is a cladding system with a concealed clip profile ideal for all modern and traditional architectural facades.

The Snap Lock profile has an adjustable recessed pan with a raised seam that has a height of either 25 mm or 38 mm. Similar to Nail Strip in appearance, Snap Lock utilises a robust clip system that is perfect for both roofing and cladding applications.



This profile is fast and simple to install and it is excellent for large residential or commercial projects.

As the name suggests the male and female ribs snap together and are locked into each other to create a strong sealed joint. This is ideal for buildings exposed to severe weather conditions such as strong winds, heavy rain, coastal spray and snowfall.

Unlike other profiles the Snap Lock clip system requires no specialised tools for installation. Snap Lock is quick to install making it ideal for large scale or time sensitive applications.



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Profile Details

Snap Lock is an adjustable width flat panel profile with a shadow-line gap. A perfect cladding option for building structures with intricate designs.

Snap Lock is fastened to a substrate using a concealed clip attached to the male rib. The adjacent female rib snaps tight over the male rib in order to create a strong, watertight joint suitable for both cladding and roofing applications. While some traditional profiles require special tooling, Snap Lock is quick and simple to install which is great for time-sensitive projects.

38 mm Snap Lock is suitable for a minimum roof pitch of 3 degrees. Designers appreciate its clean, flat pan as compared with other roll-formed profiles that feature strengthening ribs.

Snap Lock's adjustable pan width is excellent when it comes to designing and cladding difficult areas. Panels can be installed horizontally, vertically or diagonally to create a contemporary and dynamic aesthetic.



Panel width can be customised to suit your project providing you with optimum flexibility when it comes to 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.



Materials Range

MAC Snap Lock 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 Snap Lock is available in the complete Colorbond® range which includes Contemporary; Classic; Ultra and Matt finishes to achieve your design vision.



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 Snap Lock 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 Snap Lock Profile 25/38

PROFILE				
RIB HEIGHT (H)	25 mm or 38 mm			
MAXIMUM LENGTH	1000 mm - 8000 mm [Restrictions may apply]			
PAN WIDTH (P) 25 mm	180 mm – 525 mm			
PAN WIDTH (P) 38 mm	180 mm – 491 mm			
STANDARD PANELS	RIB HEIGHT	25 mm		38 mm
	PAN WIDTH	228 mm	328 mm	190 mm 290 mm
PANEL TYPE				
PANEL TOLERANCE	Plus or minus 3 mm			
MATERIAL	Material Thickness	Weight m²	Material Warranty	Flammability
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				
LAYING DIRECTION	Vertical, Horizontal & Diagonal			
SUB-STRUCTURE DETAILS	Roofing	<ul style="list-style-type: none"> ▫ 19 mm CD grade structural plywood AS/NZS 2269. ▫ Timber battens 90 x 45 mm / 70 x 45 mm. ▫ Direct fix to 22 mm or 40 mm metal batten. ▫ Use recommended ProctorWrap roofing grade fully breathable/water proof membrane between Snap Lock and substrate to create separation barrier to avoid condensation. ▫ Minimum roof pitch 3 degrees (38mm recommended). 		
	Wall Cladding	<ul style="list-style-type: none"> ▫ 15mm CD grade structural plywood AS/NZS 2269. ▫ Timber battens 90 x 45 mm / 70 x 45 mm. ▫ Direct fix to 22 mm or 40 mm batten. ▫ Use recommended ProctorWrap commercial wall grade fully breathable/water proof membrane between Snap Lock and substrate to create separation barrier to avoid condensation. 		
SUPPORT SPACING	<ul style="list-style-type: none"> ▫ Fixed clips every 350 mm centres (Edge/Perimeter of area). ▫ Fixed clips every 600 mm centres (General area). ▫ Minimum of 25 mm fastener embedment in CD grade structural plywood. 			
FIXING METHOD	Fastener mechanical fix (Male tab)			
FASTENERS	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 Snap Lock cladding system requires skill and attention to detail.

The MAC Snap Lock 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 Clips
- 5 Foot Mould Flashing
- 6 Header Flashing
- 7 Starter Panel
- 8 Window Panel



1

Ridge Capping

Ridge Capping is used where the two sheets of Snap Lock meet on a roof. It is designed to make the roof waterproof.

Standard Ridge Capping illustrated.

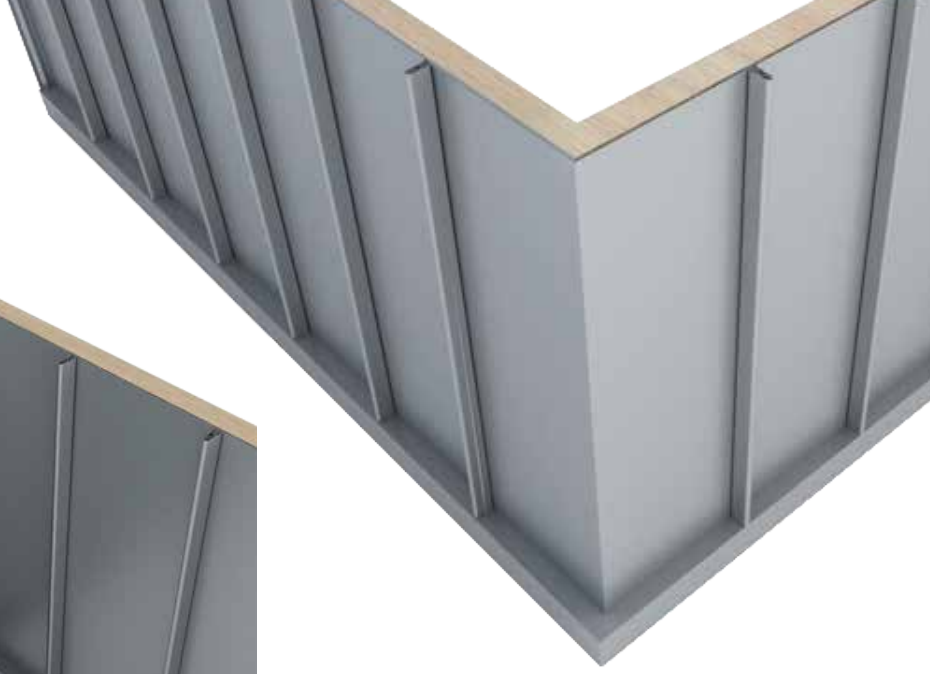


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2 External Corner

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

Standard Double Male External Panel illustrated.



Standard Double Male Internal Panel illustrated.

3 Internal Corner

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

4

Clips

Clips are fitted every 350 to 600mm to secure the Snap Lock panels.

Single Fixed Clip illustrated.



5

Foot Mould Flashing

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

Standard Foot Mould illustrated.



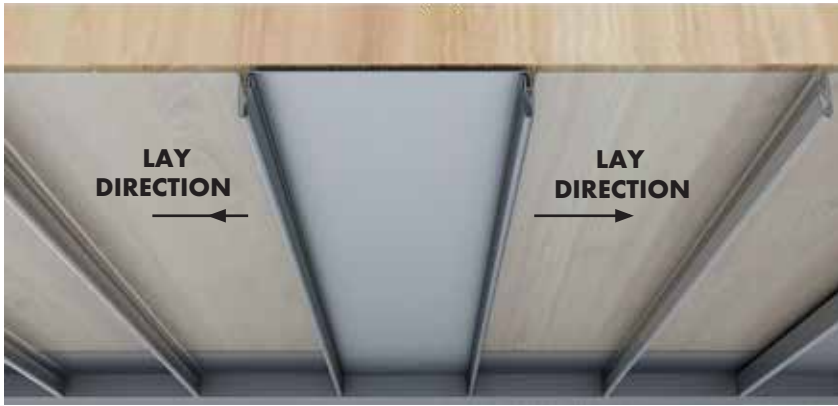
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Header Flashing

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

Typical Custom Profile illustrated.





7 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.


8 Window Flashing

Window flashings can be designed and installed using several methods.

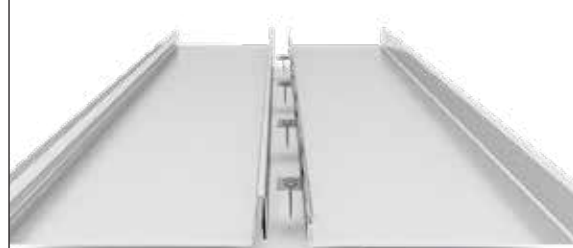
Custom Design illustrated.




Snap Lock Installation Process



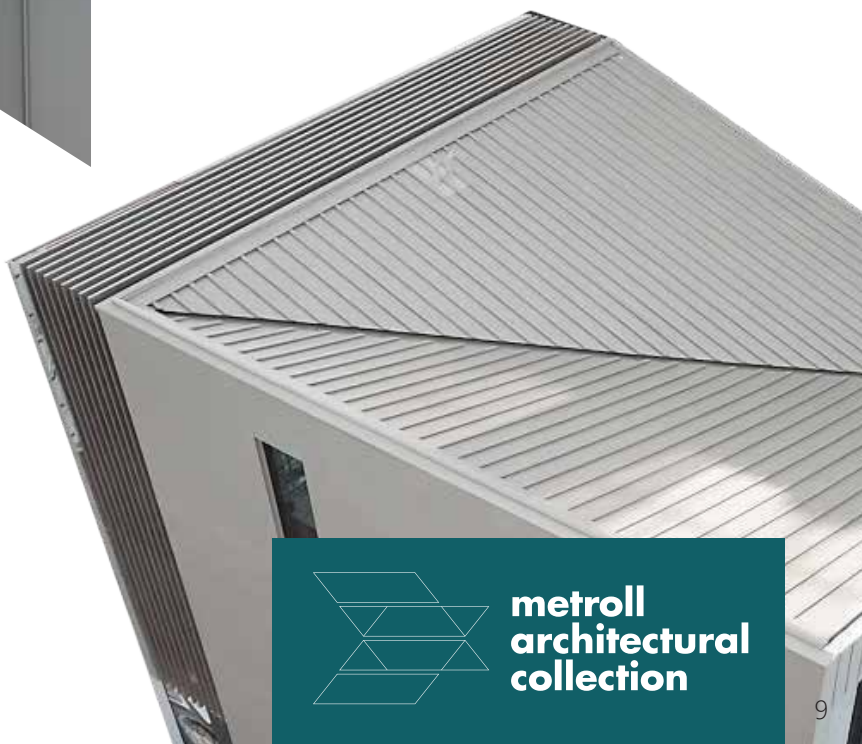
Snap Lock profile.



Fixing clip hooks onto male edge and is fastened to the substrate prior to snap locking the adjacent female edge.



Finished Snap Lock 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 Snap Lock and the other rib profiles?

When it comes to appearance the Snap Lock system is similar to Nail Strip but uses clips to fix instead of screw fastening. Standing Seam also uses a comparable clip but requires closing tools for its square-shaped rib. The Snap Lock pan width can still be adjusted like Nail Strip and Standing Seam.

Are special tools required to install Snap Lock?

No, there is no need for any specialised tools. Fixing of clips to the substrate only 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.

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 Snap Lock fire resistant?

Yes. MAC Snap Lock 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.**

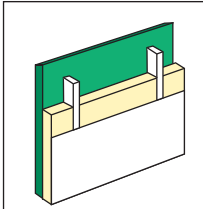


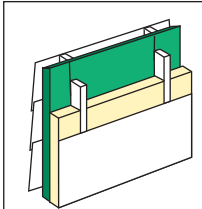
Accessories

A range of components is available required for the installation of the MAC Snap Lock panel 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	
	R2.5	
	Summer	Winter
	R2.6	R2.6

	Lightweight Clad (Battened)	
	Insulation	
	R2.5	
	Summer	Winter
	R2.7	R2.7

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

* Weight per roll

Bradford™
enviroseal™

Clips

All Snap Lock clips are made from Stainless Steel.

CLIP TYPE	CLIP SPACING
25 mm Fixed	350 - 600 mm
38 mm Fixed	350 - 600 mm



Fasteners

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

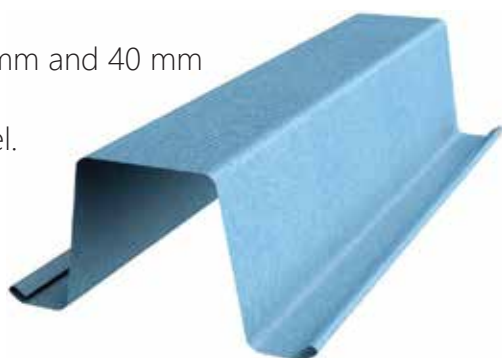
Supalow Head Screw
10 mm x 16 mm
10 mm x 25 mm



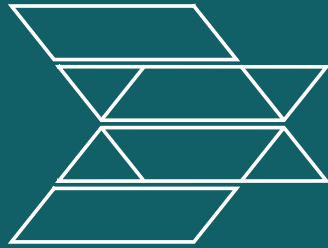
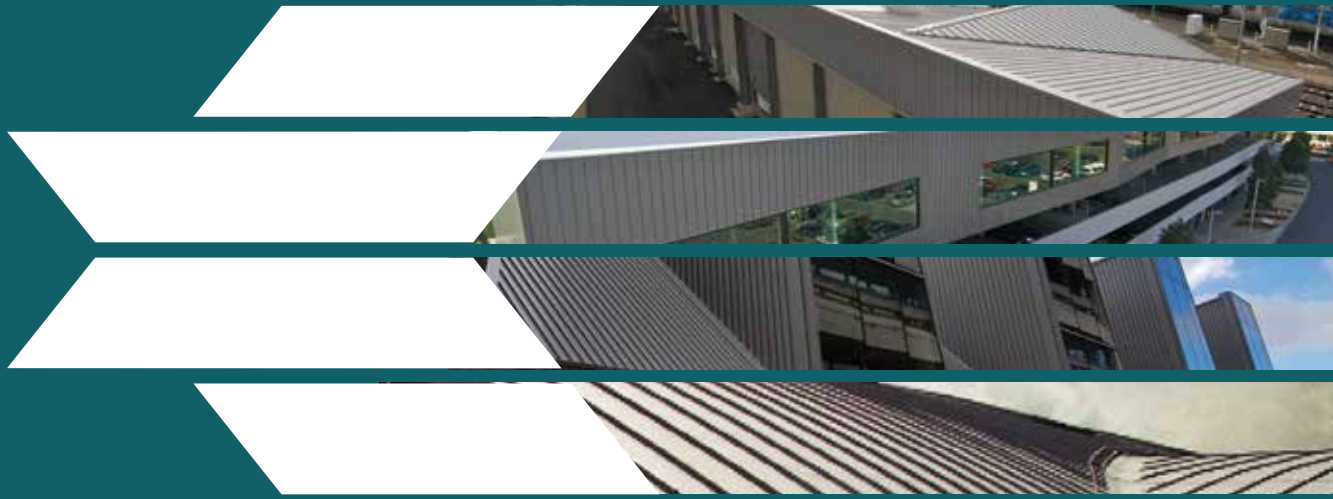
Battens

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

ALSO AVAILABLE FROM METROLL:

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

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