

METAL SOLUTIONS LIMITED

Snaplock® System



- Copper
- Stainless Steel
- Precoated Aluminium
- GreenCoat Steel

metal
solutions

The Snaplock® System

The Snaplock® system from Metal Solutions is an evolution of the traditional hard metal roofing system. The Snaplock® system reduces on-site time and associated processes thanks to a quick installation process.

Professionally manufactured off-site, it can be delivered in project specific panel lengths, reducing waste and scrap generated using other techniques. The simplicity of the system makes for a straightforward installation.

Manufactured from lightweight corrosion resistant materials, this quick and ready to install system offers a durable low maintenance solution.

The Snaplock® system can be provided as a complete roof kit including all flashings, matching rainwater products and ancillaries. It is suitable for both roof and façade applications.

Metals

For the Snaplock® system, Metal Solutions have partnered Aurubis Nordic copper, Roofinox stainless steel, Traditional Textures precoated aluminium & SSAB GreenCoat steel.

Substrates

Snaplock® can be mounted on all roof build-ups, the only pre-requisite being that it is fully supported.

- Ventilated 18mm wbp plywood
- Hard Metal Board
- Composite panel
- Rigid Insulation

Underlays

Metal Solutions ISO-Mat Metal & ISO-Mat Pro depending upon the application.

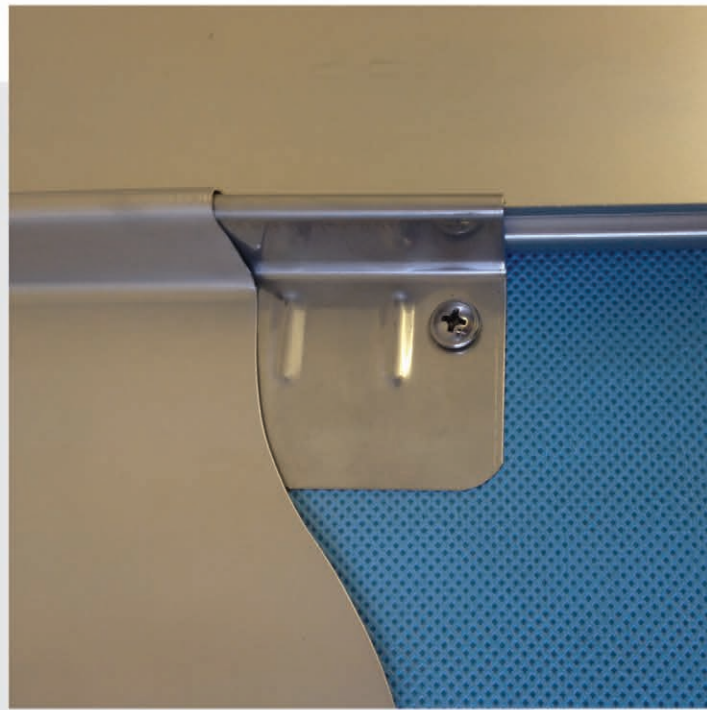
Detailing

Metal Solutions are able to provide assistance from concept to completion. Snaplock® Technical & Installation guide and standard detail drawings are available on request.

Training

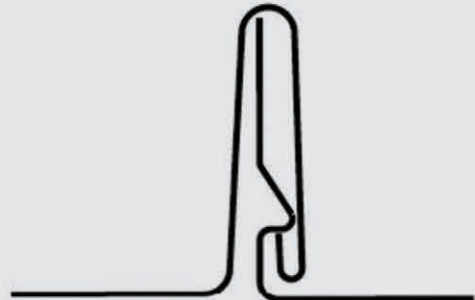
Regular standard training courses take place in our purpose made classroom / workshop. Bespoke courses are available if required.

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Installation

The Snaplock® profile contains an undercloak and an overcloak—the undercloak side is fixed with a stainless steel fixing clip and the overcloak side is then simply ‘snapped’ into place.



Seam Options

25mm Snaplock® seam

- minimum pitch 7 degrees
- Nominal 425mm centres

38mm Snaplock® seam

- minimum pitch 3 degrees
- Nominal 386mm centres

Other panel widths are possible, subject to project specific approval.

Panel Lengths

The maximum panel lengths for factory manufactured panels is 12m, or other longer lengths if they are logistically possible to transport.

Please contact us for further information.

Finishes

GREENCOAT®
COLORFUL STEEL

GreenCoat® colour coated steel products from SSAB Swedish Steel use Swedish rapeseed oil in the coating, making them the most sustainable colour coated steels for exterior buildings worldwide. The unique, patented BT coatings (Bio-based Technology) not only offer environmental advantages, but also increased performance. GreenCoat® products are highly resistant to corrosion, UV radiation as well as scratches.

Colours too numerous to mention, please contact us for current options



Traditional TEXTURES

A range of pre-coated aluminium that captures the colour pigments and textures of real zinc & copper cladding at a fraction of the cost. Available in six unique finishes, it is lightweight, easy to work, long lasting and eco friendly.



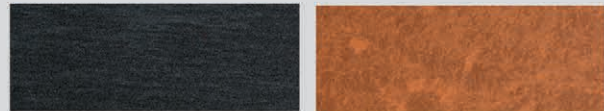
Zinc Patina

Copper Patina



Graphite Patina

Copper Oxide



Dark Zinc Patina

Corten

ROOFINOX®

Roofinox Tin-matte

Roofinox Tin-matte 316 grade stainless steel has an electro-tinned coating, which weathers over time, acquiring a matt grey finish through natural patination, giving a traditional rustic final appearance.

Roofinox Classic

Roofinox Classic 316 grade stainless steel is characterised from installation by a permanent and durable matt finish, which blends into all types of environment, both rural and urban, traditional or modern, and is suited to all types of architecture.



Aurubis

Aurubis produce a range of copper finishes in natural, pre-oxidised brown, light brown and prepatinated green / blue (in solid or speckled forms). Aurubis also produce alloys such as brass, weathered brass, bronze and royal (aluminium bronze).

We can offer many other metal finishes, please contact us with your requirements.





This Snaplock® leaflet is intended as an aid in the understanding of the Snaplock® roofing system and refers to standard situations. The general fully supported metal roofing guidelines must be observed. The data contained in this publication is based on our own practical experience and we accept no liability for the accuracy or completeness. We would always advise that project proposals are checked by an engineer prior to installation.

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