



cor-ten

NedZink



GREENCOAT®
COLORFUL STEEL

 **mazzonetto**



vestis

Traditional
TEXTURES

 **Aurubis**

ROOFINOX®



 **zintek®**
OFFICIAL SHOP ONLINE

 **Kalzip®**

METAL SOLUTIONS

ISSUE 2

Specifier Guidebook

ROOFING & CLADDING METAL / METAL SYSTEMS / RAINWATER GOODS

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Aluminium

PRECOATED ALUMINIUM

Traditional TEXTURES

Traditional Textures aluminium is a foldable grade material that authentically replicates the appearance of natural and weathered metals. Lightweight at around 2kg per square metre, it offers excellent flexibility and ease of installation.

Features of Traditional Textures

- ✓ Easily formed by hand tools
- ✓ Lightweight approx 2kg / m²
- ✓ Closely resembles all natural and weathered metals
- ✓ Up to 25 years warranty
- ✓ The most realistic brand of coated aluminium
- ✓ Film coated for protection during installation

Width	Thickness	Weight - Kg/m ²	Lm Length (based on 100kg)
600mm	0.7mm	2	83.25Lm
1000mm	0.7mm	2	49.95Lm

Other thicknesses/widths available on request

Traditional Textures precoated aluminium by Metal Solutions Ltd is an excellent alternative to Zinc, Copper, Copper Alloys and Corten Steel natural metals for cladding and roofing construction in a variety of applications.

The unique and innovative precoated aluminium, mimics the surface weathering of the more natural metals, but with a consistent aesthetically pleasing colour, resulting in a flawless finish.

The special multi-layer coating offers high resistance to cracking, using an aluminium alloy that lends itself to complex fabrication and folding, with excellent malleability, even at low temperatures.



Colours

Traditional Textures are chosen by clients, architects and roofers alike, as a versatile product that can be supplied in coil form or fabricated, bespoke to each project.

In addition to our impressive range of 14 standard colours, Metal Solutions can also custom-produce precoated aluminium in any RAL colour or specialist finish to meet your unique project requirements.



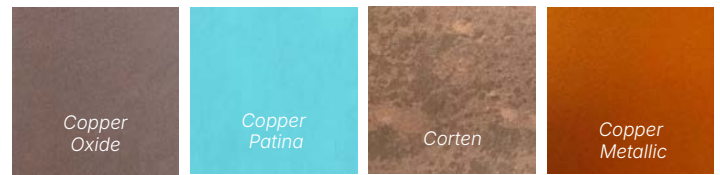
Sustainability and Environmental Benefits

Further to the advantages of using the Traditional Textures coating material, the added benefits are those relating to the sustainability of aluminium. It can be recycled indefinitely in the building industry, and by only using a fraction of the energy required to process primary aluminium.

Traditional Textures Zinc Finishes



Traditional Textures Copper & Corten Finishes



Other Finishes



Traditional TEXTURES



Mazzonetto Vestis foldable grade aluminium offers a unique range of finishes and is designed to be exceptionally lightweight, at approximately 2kg per square metre. It comes with a film coating for protection during installation, ensuring a flawless finish upon completion. Vestis empowers designers with endless creative possibilities through its vibrant colours and diverse surface textures from sleek, smooth finishes to strikingly tactile designs.

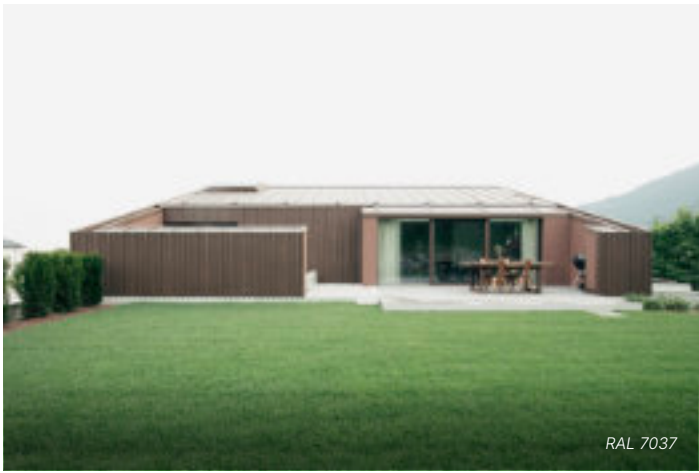
Features of Mazzonetto Vestis

- ✓ Malleable & easy to work with
- ✓ Available in a unique range of finishes
- ✓ Lightweight approx 2kg / m²
- ✓ 40 years (25 years marine) warranty on all colours
- ✓ Film coated for protection during installation

Width	Thickness	Weight - Kg/m ²	Lm Length (based on 100kg)
500mm	0.7mm	1.96	102.04Lm
650mm	0.7mm	1.96	76.85Lm
1000mm	0.7mm	1.96	51.02Lm

Other thicknesses/widths available on request



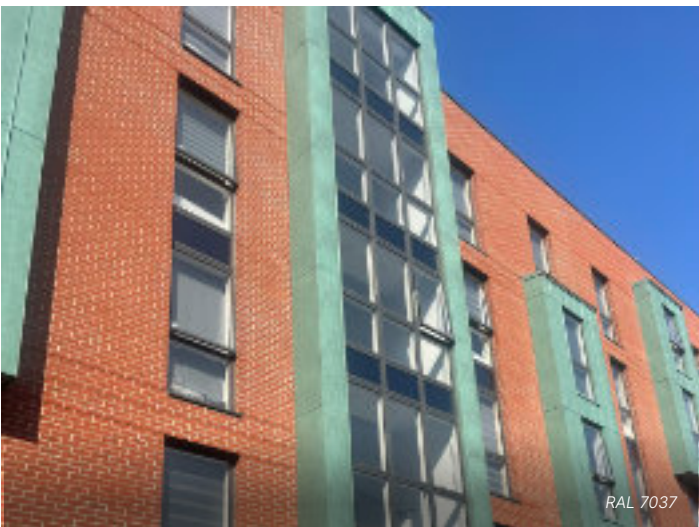
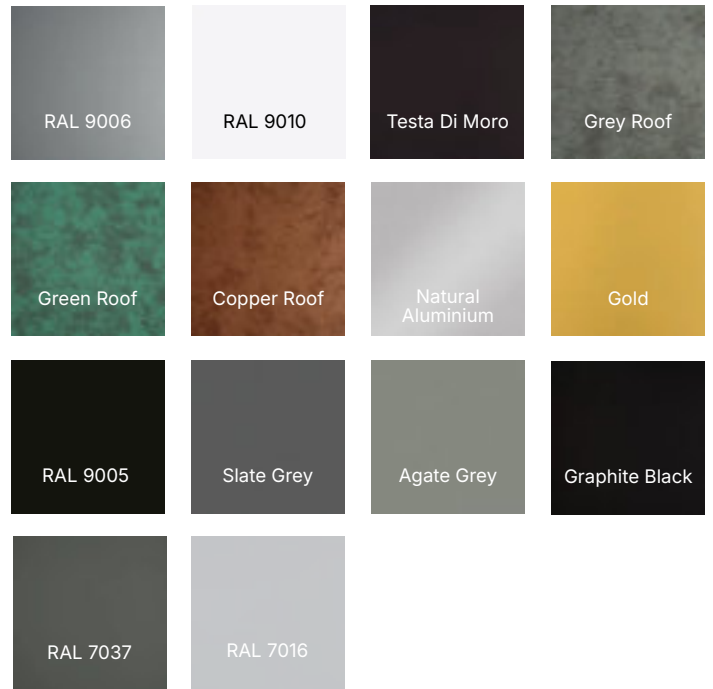


Colours

Mazzonetto Vestis 3d Finishes



Mazzonetto Vestis Finishes



Aluminium



In the ever-evolving world of architecture and construction, innovation and versatility are key. When it comes to roofing solutions, Kalzip Falzinc stands apart with its cutting-edge foldable aluminium technology. Kalzip Falzinc's elegant appearance elevates the visual appeal of any structure. Its sleek, metallic finish, available in various colours, adds a touch of modern sophistication to both contemporary and traditional architecture.

Features of Kalzip

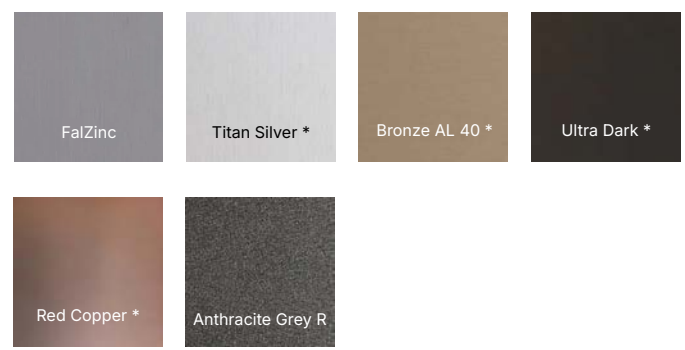
- ✓ Foldable grade aluminium
- ✓ Renowned for its exceptional strength and corrosion resistance
- ✓ 100% recyclable
- ✓ Film coated for protection during installation
- ✓ Up to 30 years warranty
- ✓ Light weight, easy to handle

Finish	Width	Thickness	Weight - Kg/m ²	Lm Length (based on 100kg)
FalzZinc & Dark FalzZinc	600mm	0.7mm	1.98	84.13Lm
Falz Colour	600mm	0.7mm	2.03	82.10Lm
Falz Colour Anodised	600mm	0.7mm	1.90	87.86Lm

Other thicknesses/widths available on request

Colours

Kalzip Finishes



* Anodised finishes, up to 30 year warranty





Zinc

TITANIUM ZINC



Zinc



NedZink

NedZink® is available in a variety of finishes, offering both style and durability. Each panel includes a back protective coating and an advanced AFP (Anti-Fingerprint) layer to maintain a clean, polished appearance. NedZink® is film-coated ensuring a flawless finish from start to completion.

Features of NedZink

- ✓ Natural, Grey, Black and coloured finishes
- ✓ Back protective coating available
- ✓ AFP Anti Fingerprint layer
- ✓ Up to 50 years warranty
- ✓ Film coated for protection during installation

Width	Thickness	Weight - Kg/m ²	Lm Length (based on 100kg)
500mm	0.7mm	5.04	39.68Lm
600mm	0.7mm	5.04	33.07Lm

1000mm	0.7mm	5.04	19.84Lm
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Other thicknesses/widths available on request

NedZink is a leading name in the world of zinc solutions, known for its unwavering commitment to quality, innovation, and sustainability. With a rich heritage and a forward-thinking approach, NedZink has consistently delivered top-notch products and services to meet the diverse needs of its customers.

Whether it's architectural zinc for stunning building facades, roofing materials that stand the test of time, or custom solutions tailored to unique projects, NedZink is the trusted partner of choice.



NedZink Nuance Red



NedZink Naturel



NedZink Noir



NedZink Noir

Colours

NedZink Finishes



NedZink Neo

NedZink

NedZink requires minimal maintenance. Its self-healing properties and natural patina formation protect it from the elements, reducing the need for regular cleaning or coatings.



Zinc



Zintek metals offer outstanding corrosion resistance thanks to their zinc-titanium coating, making it ideal for outdoor applications like roofing, facades, and rainwater systems. Zintek metals boast excellent malleability and formability. Fully recyclable and environmentally friendly, Zintek metals support sustainable building practices while delivering durability, design versatility, and long-term value.

Features of Zintek

- ✔ Highly recyclable
- ✔ Exceptional corrosion resistance
- ✔ Excellent malleability and formability
- ✔ Up to 40 years warranty

Width	Thickness	Weight - Kg/m ²	Lm Length (based on 100kg)
500mm	0.7mm	5.04	39.68Lm
550mm	0.7mm	5.04	36.08Lm
1000mm	0.7mm	5.04	19.84Lm

Other thicknesses/widths available on request



Zintek Lagoon Green

Zintek Finishes



Zintek Mediterranean Blue



ZM Silesia materials are engineered for long-lasting performance, offering exceptional resistance to corrosion and wear while delivering a refined, visually appealing finish. Highly malleable and easy to shape, ZM provide designers with creative flexibility. Made from eco-friendly, recyclable resources, they also support sustainability by reducing the environmental footprint of any project.

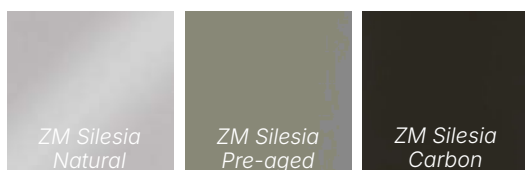
Features of ZM Silesia

- ✓ Highly malleable and easy to shape
- ✓ Available in natural or pre-aged
- ✓ Produced of the highest purity zinc SHG 99,995% with additions of copper and titanium
- ✓ Highly recyclable
- ✓ Up to 25 years warranty

Width	Thickness	Weight - Kg/m ²	Lm Length (based on 100kg)
500mm	0.7mm	5.04	39.68Lm
600mm	0.7mm	5.04	33.07Lm
1000mm	0.7mm	5.04	19.84Lm

Other thicknesses/widths available on request

ZM Silesia Finishes



ZM Silesia
Natural

ZM Silesia
Pre-aged

ZM Silesia
Carbon





Colourful Steel

COATED STEEL



Colourful Steel

GREENCOAT®

COLORFUL STEEL

Designed with roofers in mind GreenCoat® PLX Pural is a specially softened foldable coated steel. Malleable and easy to form, it can be soft soldered and is workable all year round, even in winter. Available in a range of beautiful colours, it has an eco-friendly, UV and corrosion resistant coating.

Features of GreenCoat® PLX Pural

- ✓ PLX Pural is a specially softened foldable steel
- ✓ Malleable, easy to form with no spring back
- ✓ 350g/m² zinc protective layer
- ✓ Can be easily soft soldered
- ✓ It is workable down to -15°C
- ✓ It has a lower thermal expansion than other metals
- ✓ GreenCoat® eco-friendly bio based coating with rapeseed oil
- ✓ UV radiation resistance Ruv5
- ✓ Corrosion resistance RC5+
- ✓ Film coated for protection during installation
- ✓ Extensively tested in the harshest environments
- ✓ Up to 50 years technical and up to 25 years aesthetic warranty



Width	Thickness	Weight - Kg/m ²	Lm Length (based on 100kg)
500mm	0.6mm	4.62	43.29Lm
600mm	0.6mm	4.62	36.08Lm
1000mm	0.6mm	4.62	21.65Lm
650mm	0.6mm	4.62	33.30Lm
670mm	0.6mm	4.62	32.31Lm

Other thicknesses/widths available on request



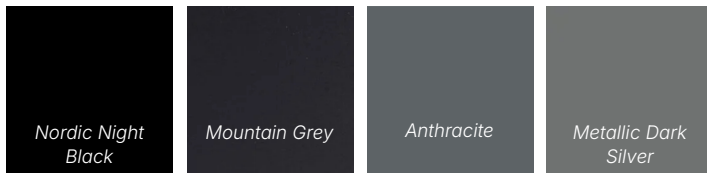
Colours

GreenCoat® PLX Pural BT Finishes

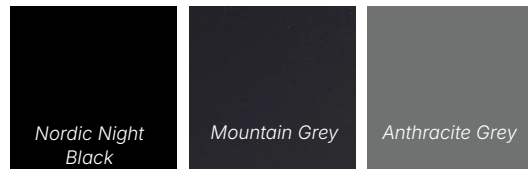


Each colour has been carefully selected based on modern building and design trends. We can also supply colour coordinated GreenLine® rainwater goods made from GreenCoat® steel or custom fabricate to your specifications.

GreenCoat® Pural BT Finishes (Intalok® Reveal Panel)



GreenCoat® Pural BT Finishes



GREENCOAT®
COLORFUL STEEL



Steel

STAINLESS STEEL AND COR-TEN STEEL

COR-TEN®

Embracing the beauty of intentional weathering, Cor-Ten® steel develops a distinctive russet patina. This self-healing oxide layer creates a warm, organic aesthetic that complements both natural landscapes and urban environments. Cor-Ten® elements create striking focal points that ground contemporary designs in organic warmth. Weathering to a rich ferrous glow, Cor-Ten® oozes with character with its deep orange and brown hues. When mixed with other materials, surroundings and the colours of the seasons – Cor-Ten® sings to the soul and consistently surprises.

Features of Corten Steel

- ✓ High-strength, low-alloy steel
- ✓ Natural weathering process that does not involve harmful coatings and chemicals
- ✓ The protective rust layer eliminates the need for regular painting
- ✓ Visually striking and ever-changing façade

The Patina Process of Corten Steel

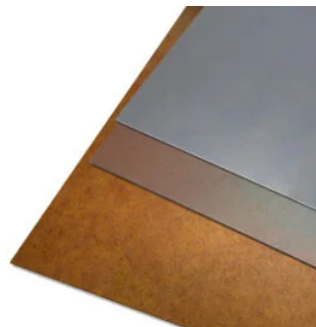


Width	Thickness	Weight - Kg/m ²	Lm Length (based on 100kg)
625mm	0.55mm	4.35	36.78Lm
1250mm	0.55mm	4.35	18.39Lm

Other thicknesses/widths available on request



Cor-Ten® Finish





Steel

ROOFINOX[®]

Roofinox Stainless Steel is an excellent option that combines durability, aesthetics, and sustainability. Roofinox Stainless Steel offers a long-lasting, visually appealing, and eco-conscious roofing solution that will make a lasting impression. Invest in the enduring quality of Roofinox Stainless Steel for a roof that truly stands the test of time.

Features of Roofinox

- ✔ Natural, coloured and tin plated finishes
- ✔ HFX softened stainless steel
- ✔ 316 marine grade
- ✔ Permanent UV resistance
- ✔ Life expectancy over 200 years
- ✔ Up to 60 years warranty

Width	Thickness	Weight - Kg/m ²	Lm Length (based on 100kg)
500mm	0.4mm	3.2	62.50Lm
1000mm	0.4mm	3.2	31.25Lm
625mm	0.5mm	4	40Lm
1000mm	0.5mm	4	25Lm

Actual weight may vary within manufacturers tolerance levels

Other thicknesses/widths available on request

Roofinox Stainless Steel is made from 316 marine grade stainless steel known for its corrosion resistance, longevity, and strength. This material is typically alloyed with elements such as chromium and nickel to enhance its performance in various environmental conditions.

Roofinox Stainless Steel doesn't just offer strength; it also delivers elegance. Its natural metallic finish ages gracefully, developing a beautiful patina over time that adds character and charm to your property. This timeless aesthetic quality enhances the curb appeal and value of any building.



Colours

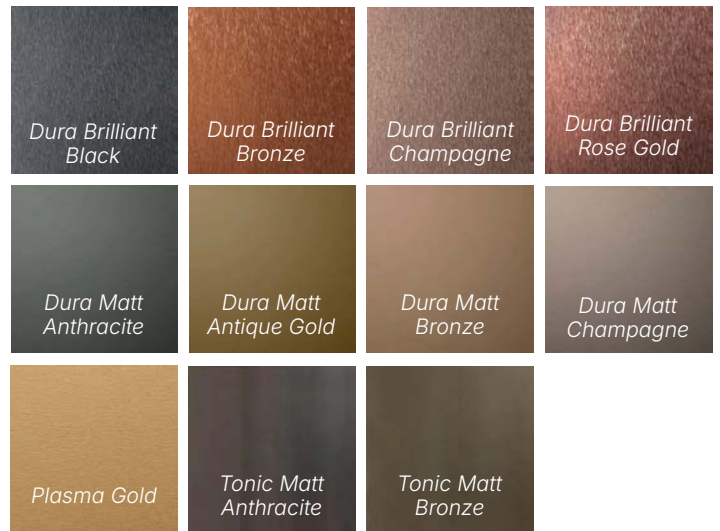
Roofinox Stainless Steel is designed to withstand harsh weather conditions, UV exposure, and extreme temperatures, making it ideal for areas with challenging climates. This longevity ensures your roof will remain in pristine condition for decades, reducing the need for costly replacements.



Roofinox Coil Finishes



Roofinox Sheet Finishes



Heritage Renovations

As well as a beautiful choice for contemporary building designs, Roofinox stainless steel is also especially suited to heritage and renovation projects. It's natural patina makes it an ideal replacement for lead and provides an expected lifespan exceeding 200 years.

ROOFINOX®



Copper

NATURAL AND PRE-WEATHERED COPPER



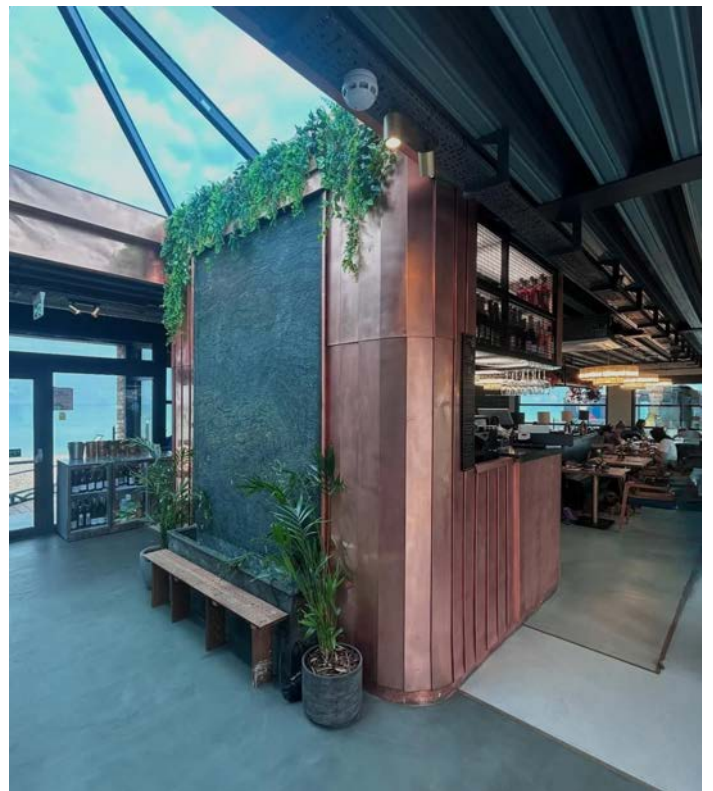
Aurubis

Aurubis metals, especially copper, are renowned for their exceptional durability. They can withstand harsh environmental conditions, resist corrosion, and maintain their structural integrity over long periods. Aurubis prioritises sustainability by utilising recycled raw materials in its production process. This eco-friendly approach reduces the environmental impact and promotes responsible resource management.

Features of Aurubis

- ✓ Standard, pre-weathered and patinated copper. Standard and pre-weathered brass. Bronze and aluminium bronze.
- ✓ Corrosion resistant
- ✓ Produced using recycled raw materials
- ✓ Patina products are film coated for protection during installation

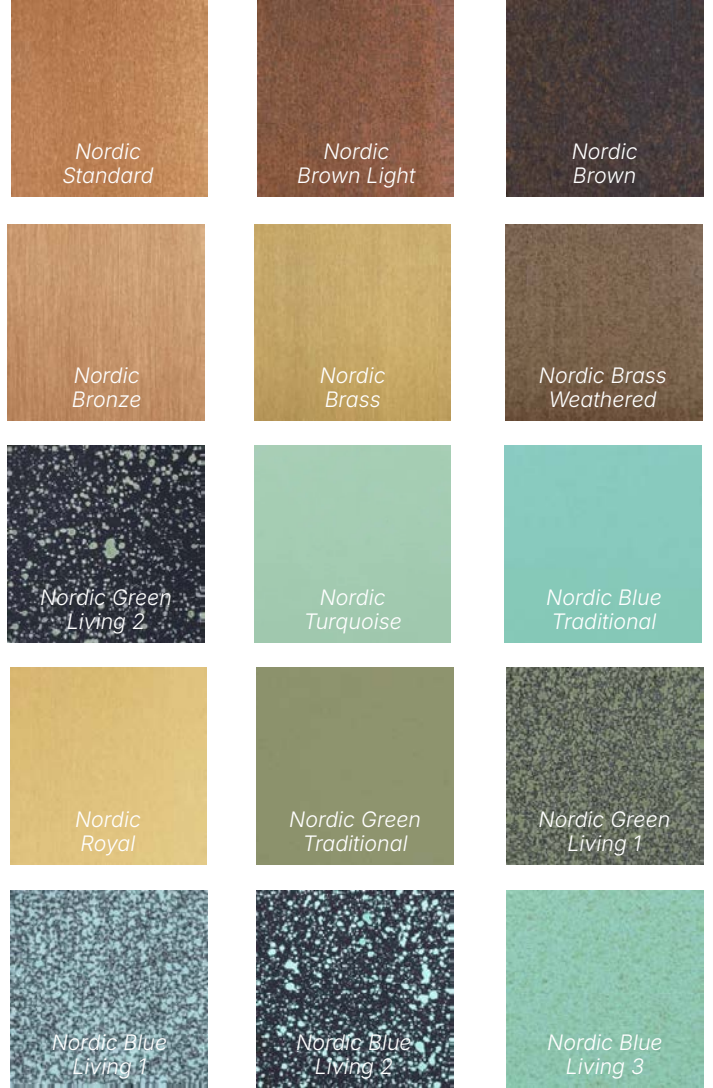
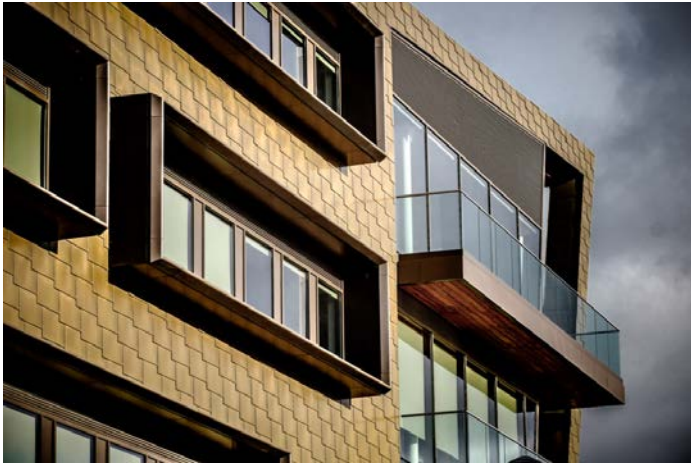
Copper can provide a complete external skin, wrapping around complex building forms with material continuity. Alternatively, it can give distinctive character to individual facade or roofing elements, particularly when used in conjunction with other high quality materials. Besides this, there is growing interest in the use of copper for interior design.



Width	Thickness	Weight - Kg/m ²	Lm Length (based on 100kg)
500mm	0.6mm	5.4	37.04Lm
600mm	0.6mm	5.4	30.86Lm
1000mm	0.6mm	5.4	18.52Lm

Other thicknesses/widths available on request

Aurubis Finishes



Aurubis' factory-applied patinas have been developed with properties and colors based on the same brochantite mineralogy found in natural copper.

Nordic Green is produced with a hint of iron sulfate yellow component added to the blue copper sulfate, replicating the natural green. In marine climates, the natural copper patina contains some copper chloride, giving it more of a blue color and this is emulated with Nordic Blue.

Just like natural patina, Nordic Green and Nordic Blue undergo continuous changes through environmental exposure dependent upon local atmospheric and rainfall conditions.

Standing Seam System

Standing seam is a metal roofing & cladding system characterised by its distinctive design featuring raised interlocking seams. Combining traditional detailing with modern performance, standing seam remains a popular choice for those seeking refined architectural aesthetics across roofing, façade and soffit applications.

Features and Benefits of Standing Seam

- ✓ **Architectural Appearance**
 Traditional standing seam delivers a clean linear finish with distinctive shadow lines suited to both modern and heritage-inspired architecture.
- ✓ **Lightweight and Efficient**
 The lightweight nature of standing seam reduces structural loading while allowing fast installation across both new build and refurbishment projects.
- ✓ **Fully Coordinated Roof and Façade**
 Suitable for roofing, cladding and soffit areas with matching flashings, trims, fixings and rainwater systems. Enabling a fully coordinated finish across the entire building.
- ✓ **Suitable for Complex Geometry**
 The flexibility of the system makes it ideal for curved roofs, tapered layouts and challenging architectural forms where more rigid systems may be unsuitable.

Traditional standing seam remains one of the most recognised and respected metal roofing and cladding systems in modern architecture. Formed using raised interlocking seams, the system creates a sleek, uninterrupted finish with outstanding resistance to weather ingress and long-term environmental exposure.

Unlike many industrial profile systems, traditional standing seam delivers a more refined architectural appearance with hidden fixings, crisp detailing, smooth lines and subtle shadowing across the roof or façade surface. Its lightweight construction makes it a great choice for both new build and refurbishment projects where structural loading may be a consideration. Suitable for residential, commercial and public sector projects, the system can be fabricated in a wide range of architectural metals including GreenCoat® PLX, zinc, copper, brass, bronze, stainless steel and precoated aluminium.



Suitable for Simple or Complex Architectural Applications

The robust standing seam metal system exhibits remarkable flexibility, making it suitable for covering pitched roofs or intricate curved surfaces like barrel-vaulted roofs and domes.

Available in both 25mm and 38mm seam heights, the system can be tailored to suit differing aesthetic requirements, roof pitches and project conditions. A complete range of traditional flashings, trims and accessories is available to ensure a fully coordinated finish throughout the project.



Available in a Range of Standard Seam Heights and Module Widths

Code	Seam Height	Metal Width	Module Width
SS-25/430	25mm	500mm	430mm
SS-25/530	25mm	600mm	530mm
SS-38/404	38mm	500mm	404mm
SS-38/505	38mm	600mm	505mm

In partnership with our network of highly skilled installers across the UK, we not only provide competitive quotes tailored to your project but also deliver comprehensive support and guidance. This commitment extends to self-installers, ensuring that they receive the assistance needed for a successful implementation of their projects.

For more information or to explore the diverse options available with the Standing Seam System, contact our team today. Our experts are ready to provide personalised assistance, answer any questions, and guide you through the selection process, ensuring that your roofing choice aligns perfectly with your vision.



Snaplock Seam System

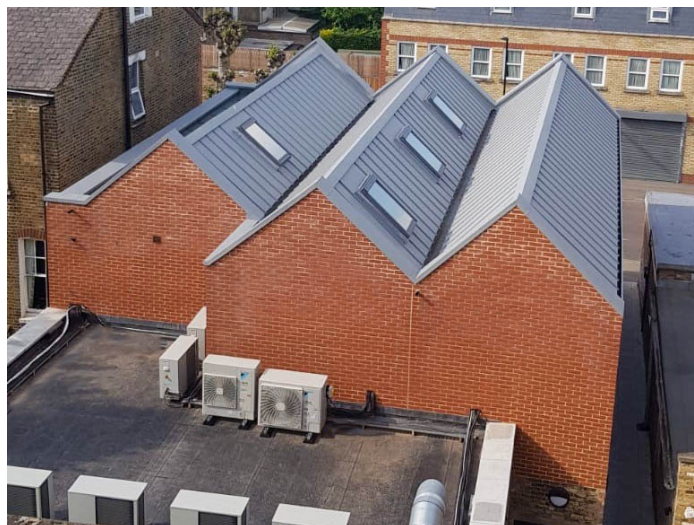
The Snaplock® Seam system is a factory fabricated panel system, delivered ready for installation to site, combining the clean architectural appearance of standing seam roofing without the complexity associated with traditional hand-formed systems.

Features and Benefits of Snaplock Seam

- ✔ **Architectural Appearance**
 Designed to deliver the crisp shadow lines and contemporary appearance associated with standing seam roofing. Snaplock® panels can be manufactured in project specific lengths for improved consistency.
- ✔ **Fast Installation**
 Snaplock® reduces on-site labour and simplifies installation compared to traditional standing seam systems, helping accelerate project installation without compromising on appearance.
- ✔ **Lightweight Construction**
 Manufactured from lightweight metals that reduce structural loading while remaining strong, durable and suitable for both new build and refurbishment projects.
- ✔ **Coordinated Roofing and Flashings**
 Suitable for roofing, cladding and soffit areas with matching flashings, trims, fixings and rainwater systems. Enabling a fully coordinated finish across the entire building.

Snaplock® from Metal Solutions is an evolution of traditional standing seam roofing system. The Snaplock® system reduces time spent at the worksite thanks to a quick installation process. Professionally manufactured in our factory, it can be delivered in project specific tray lengths, reducing waste and scrap generated using other techniques. The simplicity of the system makes for a straightforward installation.

Manufactured in a choice of metals and finishes, 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.



The Snaplock® System interlocking design ensures a tight and durable connection, providing peace of mind for both residential and commercial applications. It has been designed with precision to ensure a perfect fit and hassle-free installation.

Advantages of Choosing a Snaplock® Seam System

Manufactured and delivered to the worksite in project specific tray lengths, Snaplock® helps improve installation efficiency, reducing material waste. The result is a streamlined roofing and cladding solution that combines speed, consistency and long-term performance.

Seams are available in 25mm and 38mm profiles and can be fabricated in GreenCoat® PLX, copper, brass, bronze, stainless steel and precoated aluminium, complete with matching flashings, trims and accessories.

CWCT Tested



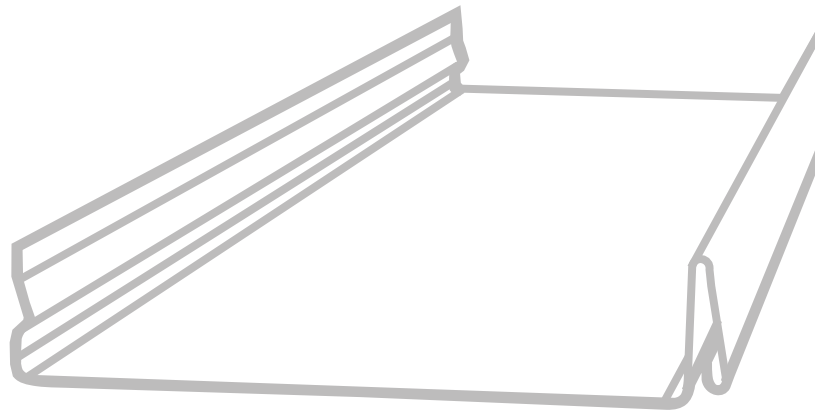
Snaplock® is available in a fully CWCT tested configuration. Centre for Window and Cladding Technology (CWCT) publishes standards, guidance and technical publications along with performing tests on cladding materials and construction systems. Contact our technical team for details on the materials and construction design covered by the testing process.

Available in a Range of Standard Seam Heights and Module Widths

Code	Seam Height	Module Width	Max Length
SL-25/425	25mm	425mm	11mm
SL-38/386	38mm	386mm	11mm

For more information or to explore the diverse options available with the Snaplock® Seam System, contact our team today. Our experts are ready to provide personalised assistance, answer any questions, and guide you through the selection process, ensuring that your roofing choice aligns perfectly with your vision.

In partnership with our network of highly skilled installers across the UK, we not only provide competitive quotes tailored to your project but also deliver comprehensive support and guidance. This commitment extends to self-installers, ensuring that they receive the assistance needed for a successful implementation of their projects.



Batten Roll Cap System

Batten Roll Cap has been used for generations and remains one of the most traditional and recognisable metal roofing techniques in use today. When applied to heritage projects such as churches and listed buildings, the system closely resembles traditional leadwork.

The Advantages of the Reveal Panel System

- ✓ **Installation Efficiency**
 Depending on the specific design, batten roll cap systems can have an efficient installation process. This can reduce labour costs and minimize disruption to the occupants during the installation phase.
- ✓ **Weather Resistance**
 Batten roll cap systems are designed to withstand various weather conditions, including rain, snow, and wind. The overlapping seams and secure installation contribute to better weather resistance.
- ✓ **Ease of Maintenance**
 Batten roll cap systems are often designed for ease of maintenance. Simple repairs and inspections can be conducted efficiently, and individual damaged components can be replaced without affecting the entire roofing or cladding area.
- ✓ **Versatility**
 Batten roll cap systems can often be used on a variety of architectural styles and roof slopes, providing versatility in design and application.

Batten Roll Cap systems are available in either loose cap or welted cap configurations and can be fabricated in GreenCoat® PLX, copper, brass, bronze, stainless steel or pre-coated aluminium. Systems can also be supplied complete with matching flashings, trims and traditional accessories for a coordinated finish.

Loose cap systems require fewer specialist tools and can provide a faster installation process, while welted cap systems deliver a more traditional detailed appearance suited to specialist heritage applications.

Roll sections can be manufactured in either square or rounded profiles, allowing the system to closely replicate traditional leadwork where required. The separate capping design also enables individual panels to be replaced with minimal disruption to surrounding areas.



Batten Roll Cap System Provides Traditional Appearance with Modern Performance

Suitable for both roofing and cladding applications, Batten Roll systems provide a lightweight, low maintenance alternative to traditional lead roofing while retaining an authentic architectural appearance. The system can also offer a practical alternative in projects where the use of lead may present ongoing maintenance or security concerns.

Widely specified for heritage buildings, churches, listed buildings and restoration projects, the system is equally suited to contemporary residential and commercial architecture where a more traditional aesthetic is required.

Why Choose the Batten Roll Cap System?

Batten roll roofing systems are versatile and can be used to compliment a wide range of building materials. The use of battens can simplify the installation process by providing a framework for securing the roofing material.

They also help create a sloped surface by lifting the roofing material, facilitating better water drainage. This can be particularly beneficial in areas prone to heavy rainfall or snow accumulation, as it reduces the risk of water pooling and potential water damage.

In partnership with our network of highly skilled installers across the UK, we not only provide competitive quotes tailored to your project but also deliver comprehensive support and guidance. This commitment extends to self-installers, ensuring that they receive the assistance needed for a successful implementation of their projects.



Available in a range of specifications to meet your design and functional requirements, our batten roll caps offer a perfect blend of aesthetics and performance. Our team of experts are dedicated to guiding you through the selection process, providing valuable insights, and offering solutions that align with your project goals.

Intalok® Reveal Panel System

The Intalok® Reveal Panel System, also referred to as an interlocking panel, plank panel or cassette panel, is a versatile metal rainscreen solution designed for contemporary facades, soffits and feature cladding applications.

The Advantages of the Reveal Panel System

- ✓ **Concealed Fixing Aesthetics**
 Precision interlocking joints conceal fixings to create clean shadow lines and a sleek contemporary facade appearance.
- ✓ **Versatile Design Flexibility**
 Suitable for horizontal, vertical or diagonal installation with multiple panel widths, reveal gaps and metal finish options available.
- ✓ **Durable Low Maintenance Performance**
 Manufactured from high quality metals and designed to resist weathering, corrosion and UV exposure.
- ✓ **Lightweight Rainscreen Solution**
 A lightweight ventilated rainscreen cladding solution suitable for modern facade, soffit and refurbishment applications.

Metal reveal panels are widely recognised for their durability, weather resistance and long-term performance. Manufactured from high quality architectural metals, the Intalok® Reveal Panel system is designed to withstand demanding environmental conditions including UV exposure, moisture and temperature variation without compromising structural integrity or appearance.

Each panel is designed with an engineered interlocking joint that conceals fixings and creates consistent spacing between panels. The simple interlocking arrangement supports efficient installation whilst maintaining the clean linear appearance associated with modern rainscreen cladding.

The system is designed for drained and ventilated facade construction and can be fabricated in a wide range of architectural metals including GreenCoat® PLX, zinc, copper, brass, bronze, stainless steel and precoated aluminium. Intalok® fabrications can accommodate bespoke features, trims, perforations and architectural details in matching materials and finishes.



Interlocking Reveal Panels for Modern Facades & Rainscreen Cladding

Intalok® Reveal Panels are particularly suited to projects seeking a flat, clean and uniform facade appearance. Concealed fixings and precision formed interlocking joints create crisp shadow lines whilst maintaining a sleek architectural finish. Panels can be installed vertically, horizontally or diagonally, making the system suitable for cladding, facade applications, feature details and soffits.

Available in a Range of Combinations

Code	Module	Face	Shadow Gap	Length
RP-300/0 (ex zinc)	300mm	300mm	0mm	Up to 4000mm
RP-297/3	300mm	297mm	3mm	Up to 4000mm
RP-290/10	300mm	290mm	10mm	Up to 4000mm
RP-280/20	300mm	280mm	20mm	Up to 4000mm

CWCT Tested



Available in a range of specifications to meet your design and functional requirements, our reveal panels offer a perfect blend of aesthetics and performance. Choose from a variety of finishes, colours, and sizes to seamlessly integrate our reveal panels into your design vision. Our team of experts are dedicated to guiding you through the selection process, providing valuable insights, and offering solutions that align with your project goals.

In partnership with our network of highly skilled installers across the UK, we not only provide competitive quotes tailored to your project but also deliver comprehensive support and guidance. This commitment extends to self-installers, ensuring that they receive the assistance needed for a successful implementation of their projects.

The Intalok® Reveal Panel system is available in a fully CWCT tested configuration. Centre for Window and Cladding Technology (CWCT) publishes standards, guidance and technical publications along with performing tests on cladding materials and construction systems. Contact our technical team for details on the materials and construction design covered by the testing process.



Shingle System

The Metal Shingle system is one of the most versatile cladding solutions available, offering exceptional design flexibility across both contemporary and traditional architecture.

The Advantages of the Shingle System

- ✓ **Suitable for Complex Geometry**
 Ideal for complex roof forms, curved surfaces, transitions and detailed architectural features where flexibility of form and visual continuity are important.
- ✓ **Lightweight and Efficient**
 A lightweight roofing and facade system suitable for both contemporary and traditional architectural applications.
- ✓ **Flexible Design Options**
 Available in square, rectangular, diamond, rhomboid, triangular and bespoke formats with a wide range of sizes, metal finishes and layout possibilities.
- ✓ **Low Maintenance**
 Manufactured from high quality architectural metals to provide durable, corrosion-resistant protection with minimal maintenance requirements.

Metal shingles offer exceptional flexibility, durability and long-term performance, making them a visually striking solution for both roofing and facade cladding applications. Fabricated from high-quality architectural metals including GreenCoat® PLX, zinc, copper, brass, bronze, stainless steel and precoated aluminium, the system provides extensive creative freedom whilst maintaining the weather resistance and low maintenance benefits associated with modern metal roofing and cladding systems.

The adaptable nature of the system makes it particularly effective for complex roof forms, curved surfaces, transitions and detailed architectural features where flexibility of form and visual continuity are important. A complete range of matching flashings, trims and accessories are also available to ensure a fully coordinated finish throughout the project.



Explore Creative Design Opportunities with Metal Shingles

Unlike other roofing cladding systems, metal shingles can be fabricated in a wide variety of shapes, sizes and layouts, allowing designers to create distinctive architectural patterns and surface effects. From clean uniform arrangements to more irregular and expressive designs, shingles can be tailored to suit the character and geometry of each project.

Unlock Your Vision with Our Metal Shingle System

The Metal Shingle System offers a variety of styles and finishes, achieving the aesthetic look of traditional shingles while benefiting from the durability of metal. Shingles can vary in size & shape – square, rectangular, diamond, rhomboid, triangular or bespoke & can even be randomly sized.

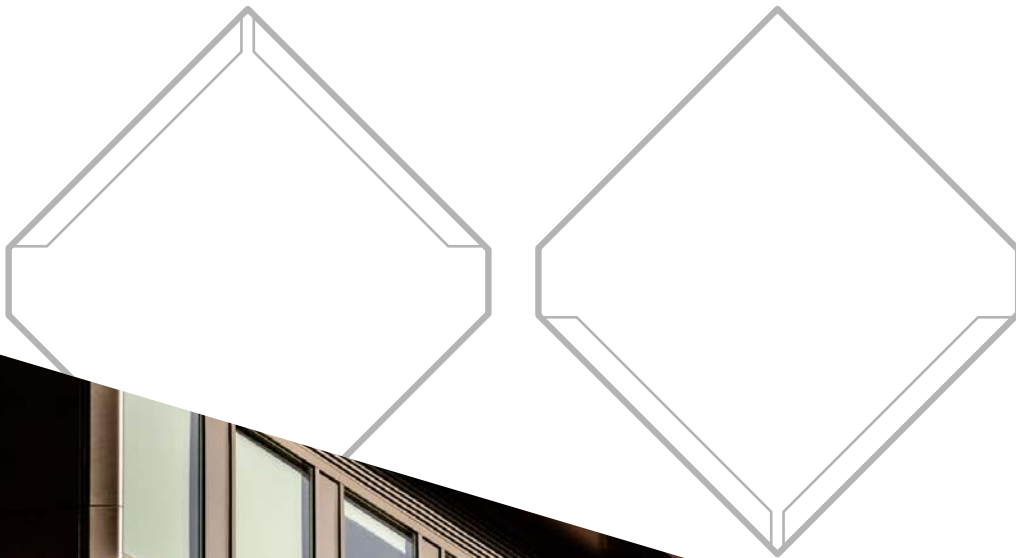
The availability of various finishes further enhances the customisation possibilities, allowing individuals to create a very unique appearance to their building.

In partnership with our network of highly skilled installers across the UK, we not only provide competitive quotes tailored to your project but also deliver comprehensive support and guidance. This commitment extends to self-installers, ensuring that they receive the assistance needed for a successful implementation of their projects.

Available in a Range of Standard Shapes and Sizes

Code	Shape	Face Height	Face Width	Nr/m ²
S-180×180	Square/ Diamond	180mm	180mm	30.87
S-230×230	Square/ Diamond	230mm	230mm	18.91
S-430×430	Square/ Diamond	430mm	430mm	5.41
S-530×530	Square/ Diamond	530mm	530mm	3.56
S-180xTBA	Rectangle	180mm	TBA	TBA
S-230xTBA	Rectangle	230mm	TBA	TBA
S-430xTBA	Rectangle	430mm	TBA	TBA
S-530xTBA	Rectangle	530mm	TBA	TBA

For more information or to explore the diverse options available with the Metal Shingle System, contact our team today. Our experts are ready to provide personalised assistance, answer any questions, and guide you through the selection process, ensuring that your roofing choice aligns perfectly with your vision.

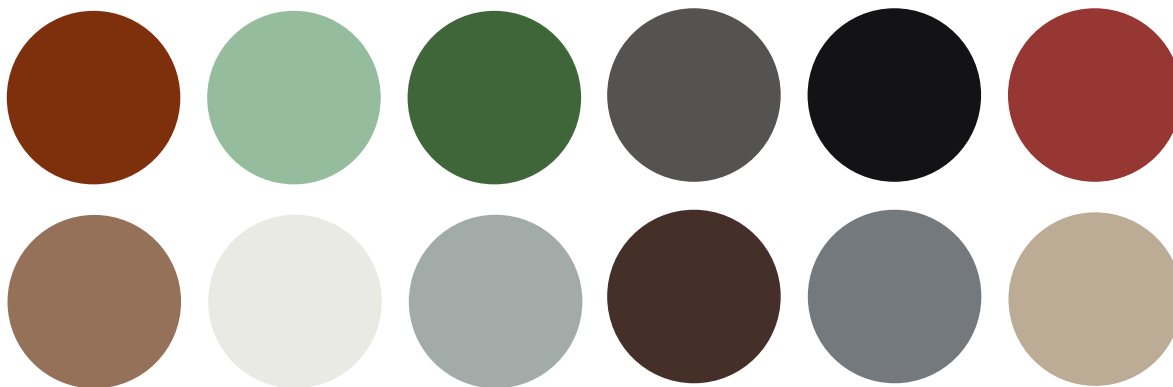


Tactile® System

Interior metal tiles increasingly feature in contemporary design projects due to their unique and striking characteristics. They create a visually interesting and dynamic surface enhancing the overall aesthetics of a room. The three dimensional surfaces of the tiles interact with light in unique ways, creating shadows, highlights and texture that add to the overall ambience of the room. In addition to their visual appeal, these tiles are highly durable and versatile, making them an ideal choice for both functional and decorative applications in modern interior designs.

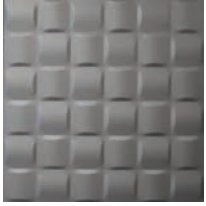
The Advantages of Using TacTile®

- ✓ TacTile® can be powder-coated to your exact RAL specification to fit your project's unique colour and aesthetic needs.
- ✓ TacTile® is ideal for creating striking feature walls, accent areas, ceilings, and more.
- ✓ Coated TacTile® is easy to clean and maintain, making it a practical choice for both residential and commercial interiors.
- ✓ TacTile® offers exceptional durability, ensuring that your designs continue to look great.
- ✓ TacTile® is made from durable, sustainable and recyclable materials.
- ✓ TacTile® is easy to install using rails, clips and trims that hold the tiles securely in place.

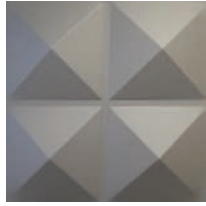


Some of the standard precoated colours available

Pattern Options



TacTile® Weave



TacTile® Pyramids



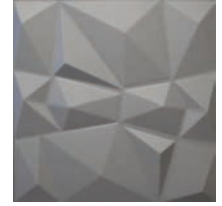
TacTile® Petals



TacTile® Lattice



TacTile® Leaf Veins



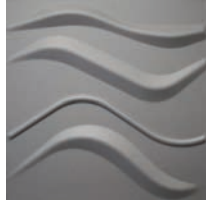
TacTile® Mountains



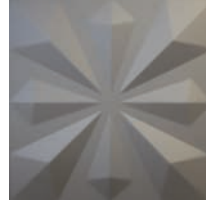
TacTile® Droplets



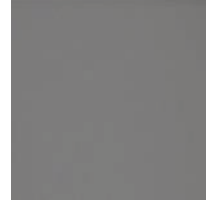
TacTile® Ripples



TacTile® Sea Waves



TacTile® Diamond Flower



TacTile® Smooth

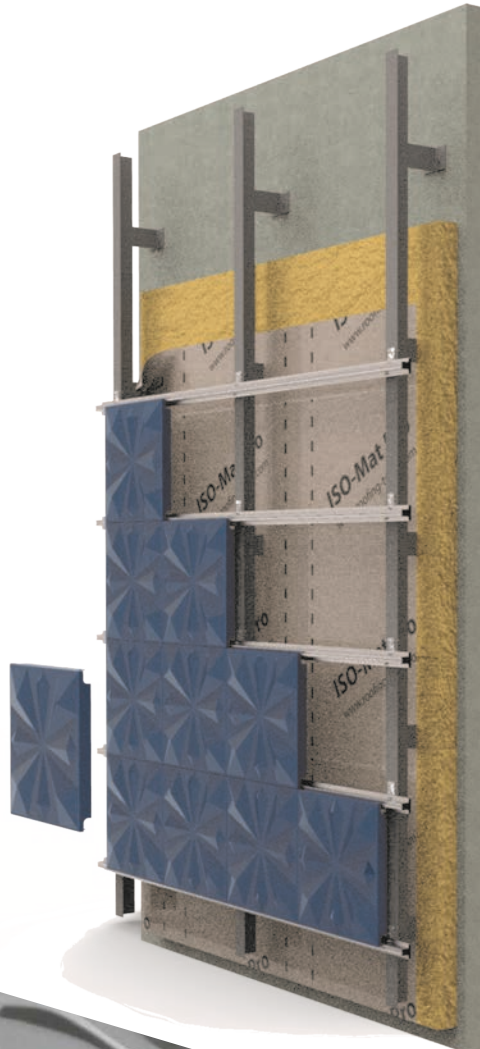


TacTile® Perforated

TacTile® is suitable for interior and various exterior applications.

TacTile® is ideal for creating striking feature walls, accent areas, ceilings, and more.

TacTile® is easy to install using rails, clips and trims that hold the tiles securely in place.



Topclip Capping System

The TopClip is a universal connector with double vulcanised seals, for the joining of metal cappings. Topclip is suitable for all metal roofing materials i.e. copper, zinc, stainless steel, precoated aluminium, GreenCoat Steel & PPC aluminium. It has a standard configuration of 1.2mm aluminium or 0.8mm stainless steel with elastomeric black rubber seals. Measurements are 3000mm long x 150mm wide.

The Advantages of the Top Clip Capping System

- ✔ **Cost Effective:** The Topclip is easy to install, without any soldering or further sealing. Also expansion joints are not necessary as the open joint caters for lateral movement.
- ✔ **Rain Proof:** The two vulcanised 8mm seals on both sides of the Topclip huddle against the capping profile, building a safe barrier against the capillary penetration of water.
- ✔ **Universal:** The aluminium Topclip is suitable for all materials except copper, for which the stainless steel Topclip is used.



Top Clip Capping Installation

The Topclip is easy to fix with conventional metal roofing tools. It can be formed on-site or in the workshop as required.

A stiffening welt is made at each end on the capping profiles.

A breathable metal separating membrane, ISO-Mat Metal, is installed between the connectors to compensate for the height of the seals and to ventilate and protect the under side of the capping profiles.



Need an installer?

Metal Roofing & Cladding Installer Network

UK Wide Installer Network

We work with a UK wide network of competent and capable installers. No matter which metal you choose we can arrange a suitably matched installer to quote and install your building project. When you provide your project location and construction requirements, we will use those details to find installers with the right skills and close by or otherwise able to travel to your development location.

The FTMRC provides guidance and best practice based on the combined knowledge of the industry's most experience and respected tradesmen and experts. All our installers acknowledge and adhere to FTMRC guidance so you can feel reassured that your installer will have the skills and experience needed to undertake your project.

Our installer network members are regularly checked and monitored to meet our strict standards of quality and workmanship.

Call our Sales Team 01204 491800 to discuss your project or fill out the form below and we will find a competent and capable installer near you.



**GIVE US YOUR PROJECT
DETAILS AND WE WILL
ARRANGE A INSTALLER**

Greenline® Rainwater System

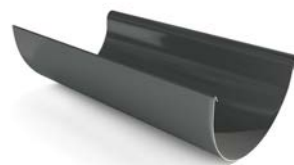
GreenLine® rainwater goods offer both visual appeal and reliable performance. The collection provides versatile solutions that meet the needs of both residential and commercial projects, without compromising on function or design.

Advantages of the Greenline System

- ✔ **Advanced corrosion protection** – The multi-layer GreenCoat® Pural coating delivers exceptional corrosion resistance and extends the system's lifespan.
- ✔ **Premium durability** – Made from high-quality SSAB steel, GreenLine® gutters and pipes provide exceptional strength, scratch resistance, and reliable performance in harsh weather conditions.
- ✔ **Fast and easy installation** – No rivets or screws required, reducing the risk of leaks. Installation and maintenance require no specialised tools.
- ✔ **Fully compatible system** – A complete gutter solution designed to connect seamlessly with existing Scandinavian gutter systems when replacing parts.



Round Rainwater Pipe



Round Gutter



Internal Corner



Round Pipe Hopper



Y-Branch

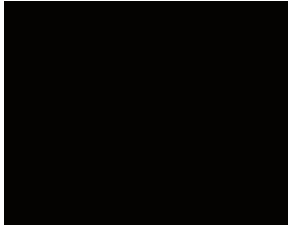


Drop Outlet

Finishes

GreenCoat® Pural used in making GreenLine® components is unique, since its outer layer of paint contains small polymer particles, PMMA (polymethylmethacrylate), also known as "Plexiglass". They make the painted surface particularly hard and resistant to external damage. Therefore, the system has significantly more resistance to friction loads, which could

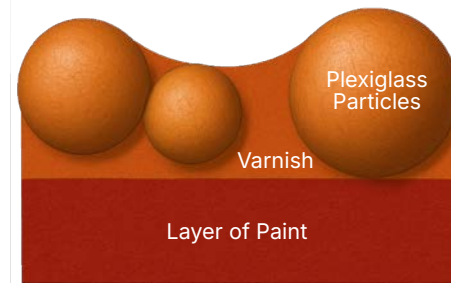
affect the components (e.g. installation, cleaning, frozen snow). Thus, this coating maintains its initial colour and brightness over the years. The GreenLine® gutter system is easy to match the surroundings since there are a selection of colours available. Mountain Grey and Nordic Night Black are our standard colours. Other colours are available on request.



Nordic Night Black
RAL 9005

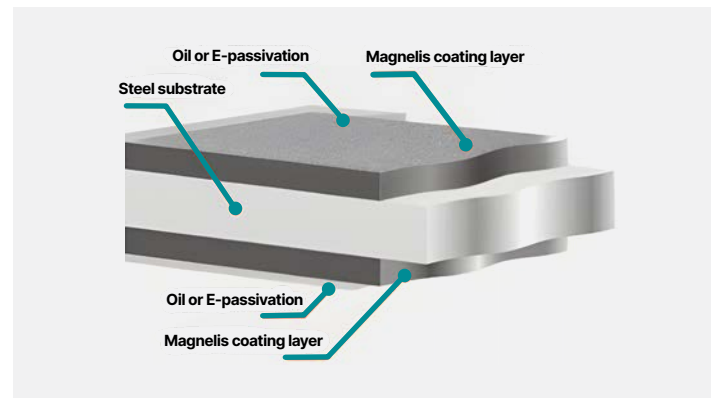


Mountain Grey
RAL 7016



GreenLine® Eclipse

Discover the new Eclipse Gutter System with excellent anti-corrosion properties. This new gutter system is made from the raw material known as Magnelis. Magnelis is made of hot-dip galvanised steel and coated on both sides with a unique chemical composition containing 93.5% zinc, 3.5% aluminium and 3% magnesium. These three materials harmonise perfectly with the underlying steel and give the product outstanding corrosion resistance even in the harshest environments and weather conditions.



Advantages of Using Magnelis

- ✓ Excellent corrosion resistance: three times better than galvanised steel
- ✓ Excellent processing properties
- ✓ Best and most cost-effective alternative to post galvanised steels
- ✓ Environmentally friendly
- ✓ Wide feasibility range



Eclipse

Zinc Rainwater Goods

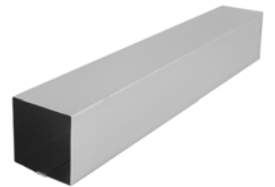
Zinc guttering is among the best solutions for metal roof rainwater drainage. Zinc is a corrosion resistant metal which won't suffer from harsh weather conditions. At Metal Solutions Ltd, our zinc gutter systems are made from 0.7mm Zinc which is produced from the highest purity zinc SHG 99.995% with additions of copper and titanium.



It is durable for over 80 years, corrosion resistant, does not require maintenance, may be easily formed & jointed, excellent for soldering, light, non-flammable and 100% recyclable.



Round Rainwater Pipe



Square Rainwater Pipe



Rainwater Hopper



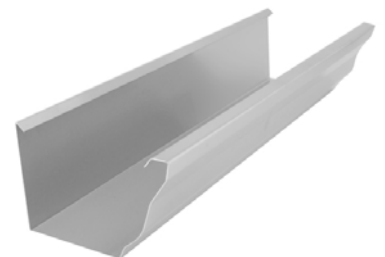
Drop Outlet



Round Gutter



Square Gutter



Ogee Gutter

Copper Rainwater Goods

Copper is highly durable, offering a great resistance to corrosion thanks to the fact that it develops a distinctive blue-green protective patina over time. Copper is fully recyclable, requires no decoration, no cleaning and is maintenance free, apart keeping guttering clear of leaves and other debris. Copper is proven to last well over 50 years, giving a long term and cost effective solution.



Round Rainwater Pipe



Square Rainwater Pipe



Rainwater Hopper



Drop Outlet

Our copper gutter and rainwater systems are manufactured by Metal Solutions Ltd from 0.6mm Aurubis Standard copper. Our standard range includes gutters, rainwater pipes and all accessories. We can also fabricate from the full range of Aurubis Nordic finishes, as well as producing any bespoke items.



Round Gutter



Square Gutter



Ogee Gutter

Stainless Steel Rainwater Goods

Our Stainless Steel Rainwater System is manufactured in the UK by Metal Solutions Ltd from 0.5mm 316 grade Roofinox Classic. It can withstand wind and storm, is completely rust-free and is algae and mold-resistant. As a result, you can live securely and comfortably all year round and for years to come.

Roofinox stainless steel is infinitely combinable with other building materials because of its brushed finish – both optically and technically. You can choose between the traditional half-round shape or the modern box shape!



Round Rainwater Pipe



Square Rainwater Pipe

Advantages of Stainless Steel Rainwater Goods

- ✔ Soft light distribution makes for a more matt finish
- ✔ Brushed look ensures a textile feel
- ✔ Design application flexibility due to its mechanical properties
- ✔ Elegant brush matt finish for architecture
- ✔ Very low degree of reflection
- ✔ Superior brush rolling process which occurs during cold rolling, not to be confused with brushed stainless steel



Rainwater Hopper



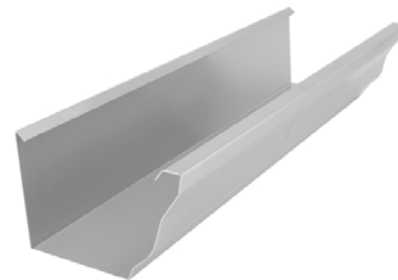
Drop Outlet



Round Gutter



Square Gutter



Ogee Gutter



FLEXTRON

Flexible Photovoltaic Solution

Flextron is a flexible PV module with integrated solar cells. The modules feature solar cells made using CIGS (Copper Indium Gallium Selenide) technology which are thin and lightweight requiring no extra structural support or fittings. They bond directly to the roof material sitting between standing seams.

Efficiency - reliable "low light" performance

Flextron is the universal multi-purposed peel & stick flexible module. Modules are available in 358mm widths with a nominal output of 40W-245W specifically suited to standing seam roof panels.

The flexible nature of Flextron along with its other attributes of a self-cleaning top sheet, superior thermal degradation and lightweight makes it truly a universal product with multiple applications.

Features and Benefits of Flextron

- ✓ Cell efficiency, up to 17.5%
- ✓ Industry-leading thin film technology
- ✓ No ballast, penetrations or racking required
- ✓ Low installed weight of less than 4kg/m²
- ✓ Improved low-level light performance captures more light during the day, including cloudy days
- ✓ Multiple bypass diodes avoid disproportionate loss of outputs when shaded
- ✓ Fire rated, certified to the highest rating in accordance with EN 13501-5:2016 and classified B ROOF (t4)
- ✓ Self-cleaning top sheet providing hassle-free maintenance
- ✓ Made in the UK for local conditions
- ✓ 10-year product warranty & 25-year performance

Aesthetics – "almost invisible" domestic renewable energy



Flextron modules can be integrated onto a suitable roofing metal at our approved facilities. This provides a roofing system that can be installed in the same way as a conventional standing seam metal roof.

Roofs can also be retro-fitted, with modules delivered to site after the roof has been installed, ready to be bonded.



FLEXTRONPOWER

FLEXTRON POWER and **FLEXTRON POWER PLUS** are high-efficiency 'peel and stick', highly durable and lightweight semi-flexible crystalline silicon (c-Si) solar modules. Modules are attached to suitable roofing metals and installed in the same way as a conventional standing seam metal roof.

High-Efficiency Semi-Flexible Solar PV Modules

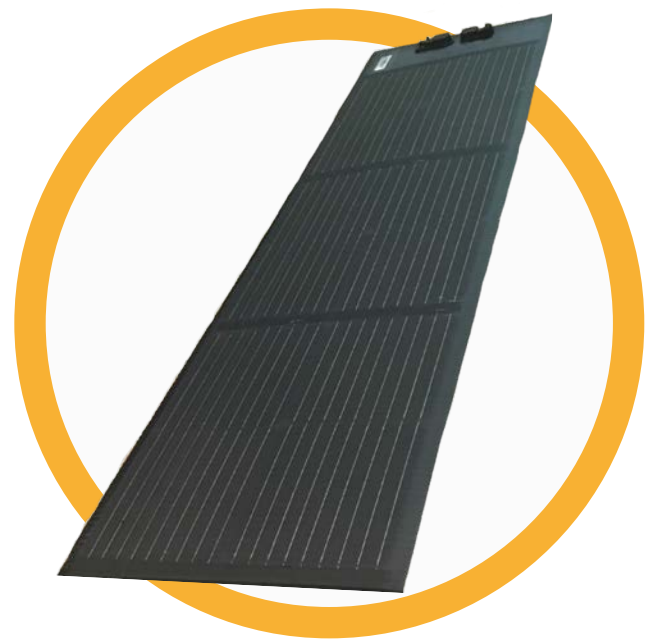
Features and Benefits of Flextron Power

- ✓ Cell efficiency, up to 20%
- ✓ Low installed weight of less than 4kg/m²
- ✓ Multiple bypass diode design to improve performance in shading/low light
- ✓ High efficiency crystalline silicon solar modules
- ✓ Improved aesthetics
- ✓ No ballast, penetrations or racking required
- ✓ Semi-flexible solar panels featuring a strong reinforcing top layer
- ✓ 10-year product warranty and 25-year performance warranty



FLEXTRON POWERPLUS

The Flextron Power Plus variant builds on the standard Flextron Power design by incorporating premium-grade crystalline silicon cells that increase baseline cell efficiency to up to 21% (compared to up to 20% for the standard model). Additionally, the Power Plus model features an advanced self-cleaning top coat. This specialised layer prevents dust, dirt, and environmental debris from adhering to the surface, allowing natural rainfall to wash the module clean automatically.

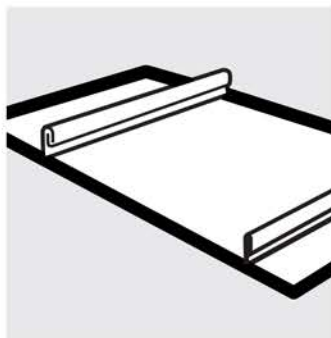


Fabrications

Metal Solutions Ltd can fabricate products in any traditional metal roofing material. We specialise in the fabrication of a wide range of roofing designs, including standing seam, batten roll, round batten roll, Snaplock® seam, flatlock panel, shingles, reveal panel, ship-lap panel, overlapping panel, honeycomb panel, cassette panel, and more.

Whether it's standard fabrication or intricate patterns and perforations, we are versatile enough to meet a diverse range of requirements.

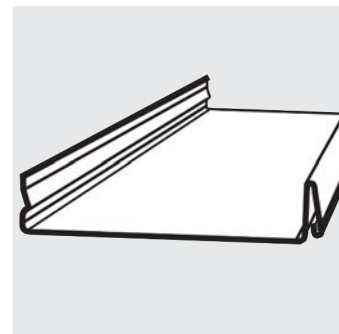
Standing Seam



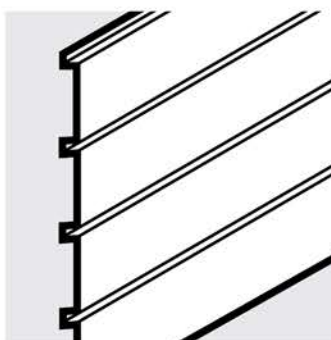
Standing seam roofs have raised, interlocking seams that provide excellent water resistance, helping prevent leaks and water damage. They are highly durable, require minimal maintenance, and can last 30 years or more. Built to withstand harsh conditions, they perform well in heavy rain, snow, hail, and strong winds.

Snaplock® Standing Seam

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 facade applications.



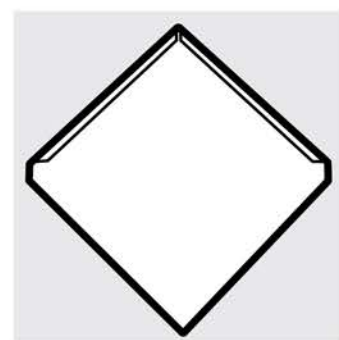
Intalok® Reveal Panel



The Intalok® Reveal Panel (also known as the Interlocking Panel) is one of the most popular cladding systems for traditional metals such as GreenCoat® steel, copper, brass, bronze, zinc, stainless steel or precoated aluminium. Choose from a variety of finishes, colours, and sizes to seamlessly integrate our reveal panels into your design vision.

Shingles

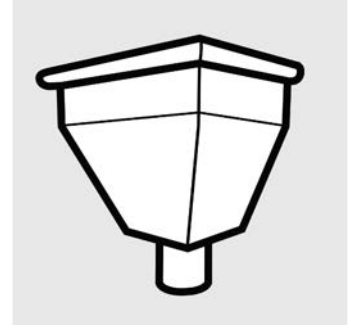
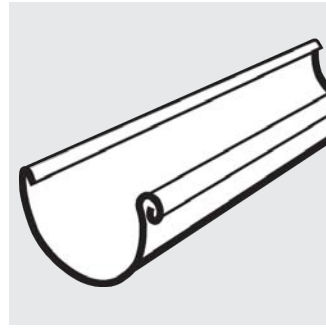
Shingles can vary in size & shape – square, rectangular, diamond, rhomboid, triangular or bespoke & can even be randomly sized. The availability of various finishes further enhances the customisation possibilities, allowing individuals to create a very unique appearance to their building.



Rainwater Goods

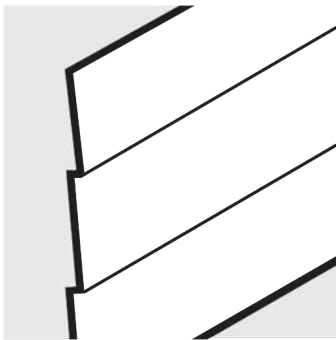
Our custom metal rainwater systems are fabricated to order, ensuring seamless integration with your building and reliable, long-term performance. From gutters to downpipes, every component is carefully fabricated to work together as a complete system, delivering efficient water management and lasting durability even in the most demanding environments.

A choice of profiles, sizes and finishes allows you to tailor each system to suit your visual look and functional requirements, ensuring a solution that performs as well as it looks.

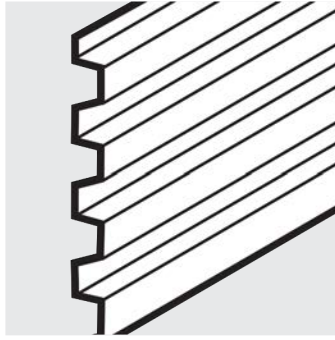


Profiles and Flashings

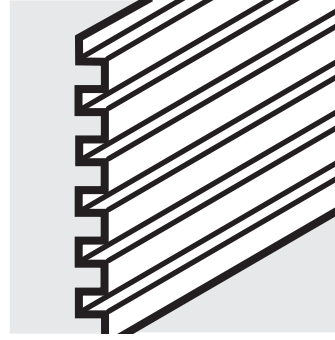
Shiplap/Overlap



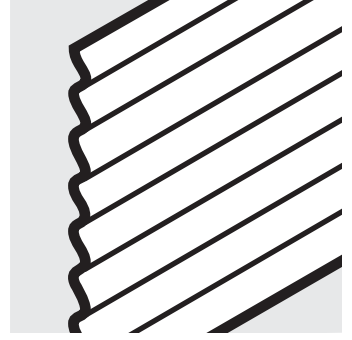
Trapezoidal



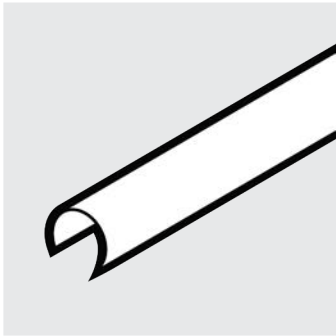
Box Profile



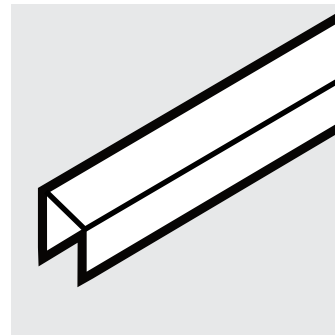
Sinusoidal



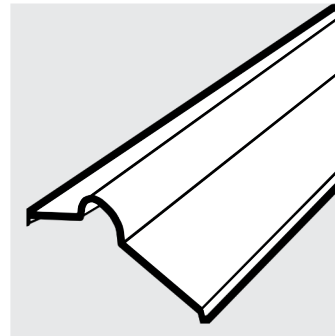
Roll Cap Round



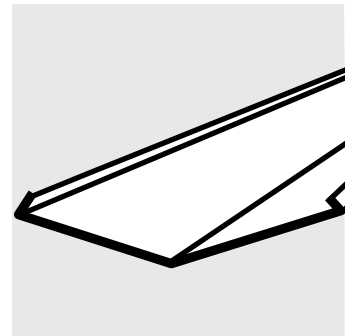
Roll Cap Square



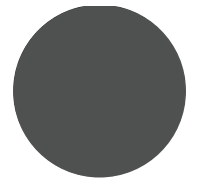
Ridges



Valleys



Choose from various metals, colours and finishes to tailor our fabrications to your specific requirements.



Fabrication Examples



Ridge Profiles



PPC Aluminium



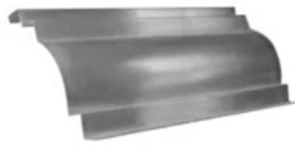
Vents



Curved Roll Caps



Gablet Vents



Cornice



Ornate

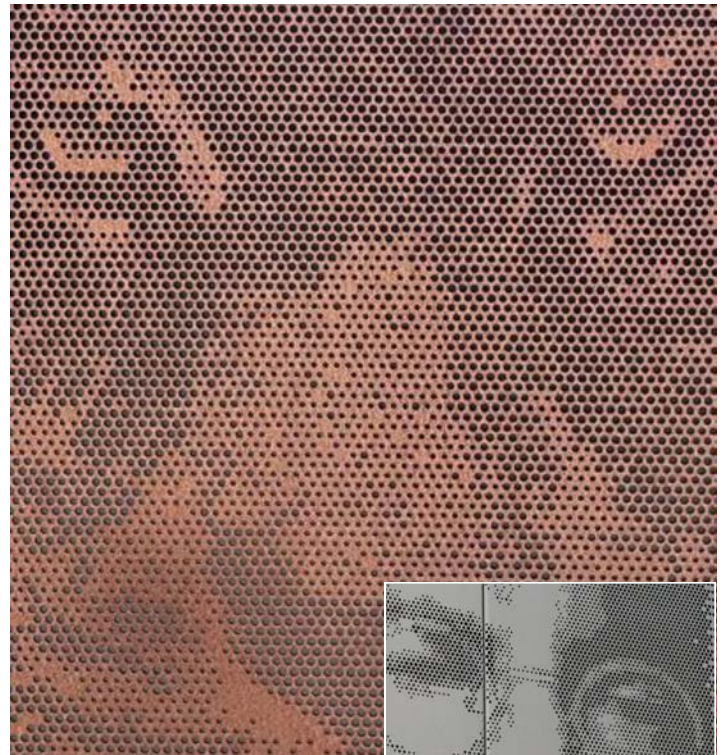


Curved Gutters

Perforations

Every project is unique, that's why we offer comprehensive customisation options to ensure that your perforated metals perfectly match requirements. From hole patterns and sizes to material selection and finish, we work closely with you to deliver tailored solutions that exceed your expectations.

We have a fully programmable machinery enabling us to efficiently produce blanks for further fabrication, as well as special patterns and perforations. We fabricate / weld aluminium products, panels, copings etc and provide the full range of powder coated and anodised finishes. We also fabricate any product from your free-issue material - give us a call and we will be happy to provide you with a quotation.



Decor & Bespoke Fabrications

Metal Solutions specialize in crafting high-quality custom metal products for a variety of applications, including unique bars, stylish planters, and eye-catching decorative elements. Our workshop team also offers expert metal perforation services, bringing your vision to life with bespoke designs tailored to your needs. Whether you're looking for distinctive interior design metal tiles or other custom metal pieces, we deliver solutions that seamlessly combine form, function, and artistry. Let us help you create striking, durable pieces that elevate your space with exceptional craftsmanship.

