

Traditional
TEXTURES

 mazonetto



Kalzip

NedZink

zintek



GREENCOAT

COR-TEN®

ROOFINOX®

Aurubis

**KME
TECU®**

Green||line®
Colour Coated Steel Rainwater Goods

METAL SOLUTIONS

ISSUE 3

Specifier Guidebook

ROOFING & CLADDING METAL / METAL SYSTEMS / RAINWATER GOODS / SOLAR

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
- ✓

Closely resembles all natural and weathered metals
- ✓

The most realistic brand of coated aluminium
- ✓

Lightweight approx 2kg / m2
- ✓

Up to 25 years warranty
- ✓

Film coated for protection during installation

Width	Thickness	Weight - Kg/m²	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.

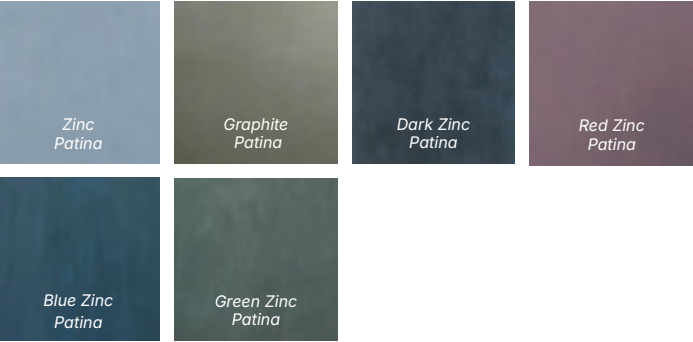
The unique and innovative precoated aluminium, mimics the surface weathering of the more natural metals, but with a consistent aesthetically pleasing colour, resulting in a flawless finish.

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.

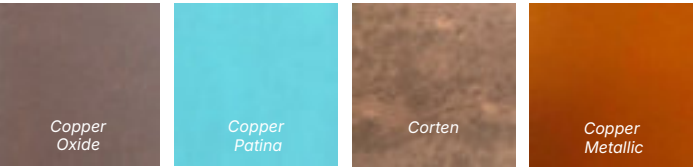


Colours

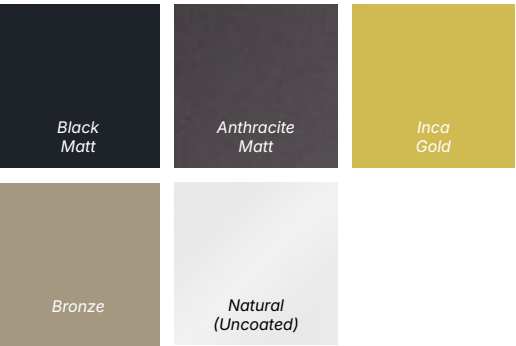
Traditional Textures Zinc Finishes



Traditional Textures Copper & Corten Finishes



Other Finishes



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 precoated material, the additional 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



Mazzonetto Vestis foldable grade aluminium offers a unique range of finishes and is designed to be exceptionally lightweight, at approximately 2kg per square metre.

Mazzonetto Vestis 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

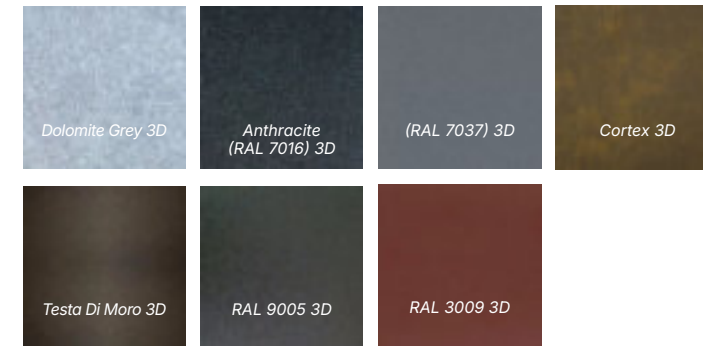
Width	Thickness	Weight - Kg/m ²	Lm Length (based on 100kg)
500mm	0.7mm	1.96	102.04Lm
650mm	0.7mm	1.96	78.49Lm
1000mm	0.7mm	1.96	51.02Lm

Other thicknesses/widths available on request

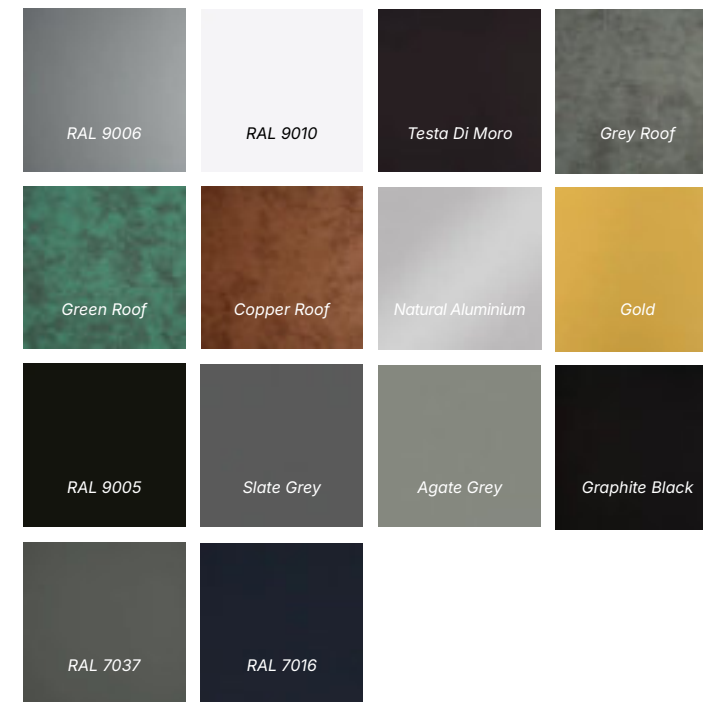


Colours

Mazzonetto Vestis 3D Finishes



Mazzonetto Vestis Finishes





In the ever-evolving world of architecture and construction, innovation and versatility are key. Kalzip FalZinc is among a new generation of roofing solutions using advanced foldable aluminium technology.

Features of Kalzip

- ✓ Foldable grade aluminium
- ✓ Film coated for protection during installation
- ✓ Renowned for its exceptional strength and corrosion resistance
- ✓ Up to 25 years warranty
- ✓ 100% recyclable
- ✓ Light weight, easy to handle

Kalzip aluminium offers a versatile range of finishes to complement both contemporary and traditional architecture. From the naturally weathering metallic character of FalZinc and the refined appearance of anodised aluminium to the broad choice of colours and textures available with precoated finishes, each provides its own distinctive aesthetic while retaining the practical benefits of aluminium.

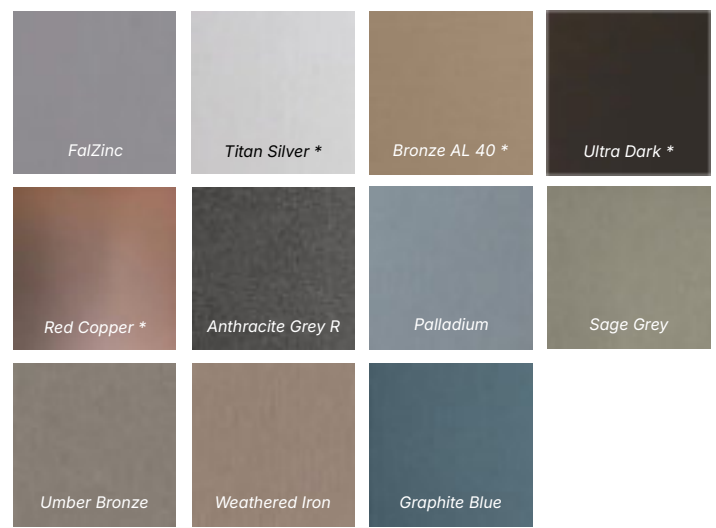
Finish	Width	Thickness	Weight - Kg/m ²	Lm Length (based on 100kg)
FalZinc	600mm	0.7mm	1.98	84.17Lm
Falz Colour	600mm	0.7mm	1.90	87.72Lm
Falz Colour Anodised	600mm	0.7mm	1.90	87.86Lm

Other thicknesses/widths available on request



Colours

Kalzip Finishes



* Anodised finishes, up to 30 year warranty

FalZinc combines lightweight aluminium with the natural appearance and weathering of zinc. Its metallic surface develops a natural patina, while the seawater-resistant aluminium alloy provides excellent corrosion resistance. Steeper roof pitches can encourage more even weathering through a greater self-cleaning effect.

Anodised aluminium retains a natural metallic character with a more stable, consistent finish. Anodising enhances the protective surface layer, providing excellent durability and colour stability without concealing the metal beneath.

Precoated aluminium offers greater control over colour, texture and consistency, with a wide choice of factory-applied finishes, including those inspired by naturally weathered metals. It is ideal where a specific colour or more uniform appearance is required.



Kalzip FalZinc is not only a testament to innovation but also a champion of sustainability. Aluminium is 100% recyclable, making it an eco-friendly choice. Plus, its long lifespan minimises the need for replacements, reducing the overall environmental footprint.





NedZink® is available in a variety of finishes, offering both style and durability. Each panel includes an advanced AFP (Anti-Fingerprint) layer to maintain a clean, polished appearance along with an optional back protective coating. 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/m²	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

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.



Colours

NedZink® Finishes



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.





Zintek metals offer outstanding corrosion resistance thanks to their zinc-titanium coating, making them ideal for outdoor applications like roofing, facades, and rainwater systems.

ZM Silesia materials are engineered for long-lasting performance, offering exceptional resistance to corrosion and wear while delivering a refined, visually appealing finish.

Features of Zintek

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

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.

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 Finishes



Features of ZM Silesia

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

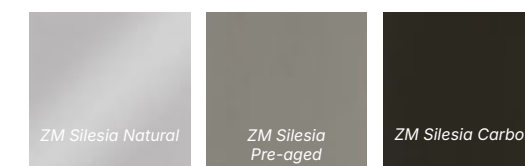
Highly malleable and easy to shape, ZM provide designers with creative flexibility. Made from eco-friendly, recyclable resources, they also support sustainability by reducing the environmental footprint of any project.

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





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/m²	Lm Length (based on 100kg)
500mm	0.6mm	4.62	43.29Lm
600mm	0.6mm	4.62	36.08Lm
650mm	0.6mm	4.62	33.30Lm
670mm	0.6mm	4.62	32.31Lm
1000mm	0.6mm	4.62	21.65Lm

Other thicknesses/widths available on request



Colours

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® PLX Pural BT Finishes



GreenCoat® Pural BT Finishes (Intalok® Reveal Panel)



GreenCoat® Pural BT Finishes (Snaplock® Seam)



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.

Features of Corten Steel

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

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.

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®



Cor-Ten® Finish



Need an installer?

Metal Roofing & Cladding Installer Network

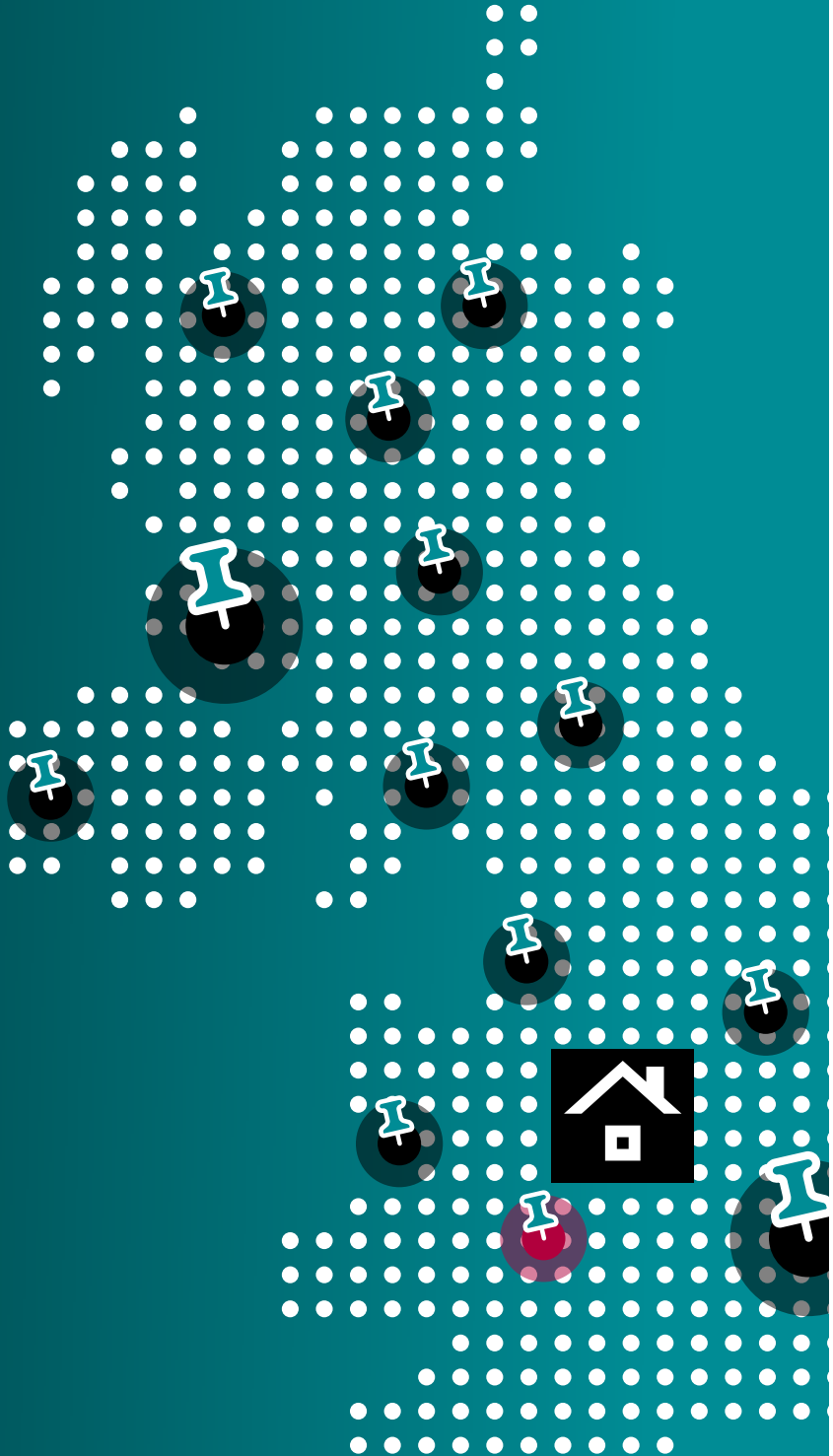
UK Wide Installer Network

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 AN INSTALLER

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.

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

Invest in the enduring quality of Roofinox Stainless Steel for a roof that truly stands the test of time.

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.

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

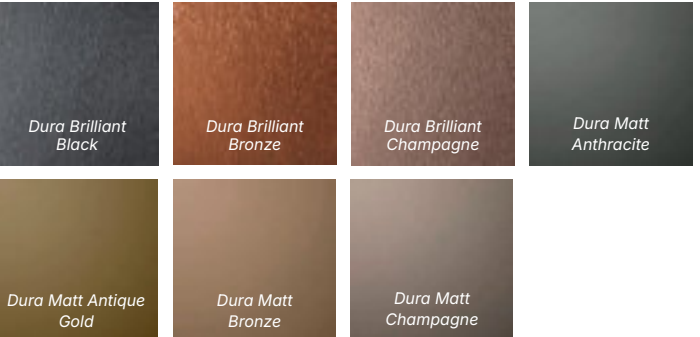


Colours

Roofinox Coil Finishes



Roofinox Sheet Finishes



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.

One of the key advantages of Roofinox Stainless Steel is its minimal maintenance requirements. It does not require frequent painting, sealing, or extensive upkeep, which means you can enjoy a beautiful and hassle-free roof for years to come. This reduces the overall cost of ownership.



Heritage Renovations

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

ROOFINOX[®]

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.

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.

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.

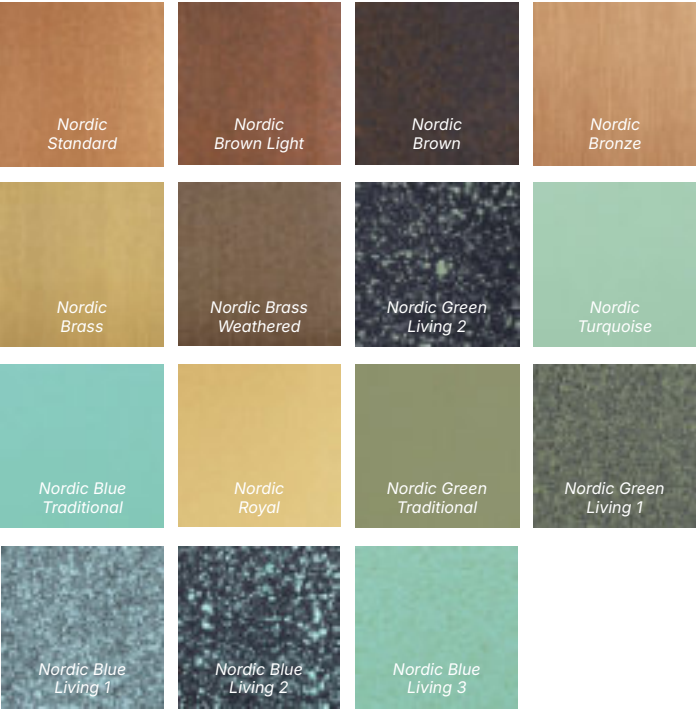
Width	Thickness	Weight - Kg/m²	Lm Length (based on 100kg)
500mm	0.6mm	5.4	37.04Lm
600mm	0.6mm	5.4	30.86Lm
1000mm	0.6mm	5.4	18.52Lm

Other thicknesses/widths available on request



Colours

Aurubis Finishes



Aurubis' factory-applied patinas have been developed with properties and colours 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 colour 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.





Copper

KME TECU® combines the natural durability and character of copper with a distinctive range of architectural surfaces and alloys for roofing and façade applications.

Features of KME

- ✓ Natural and pre-patinated copper
- ✓ 100% recycled copper
- ✓ Brass and other architectural copper alloys
- ✓ Naturally corrosion resistant
- ✓ 100% recyclable without loss of quality

Copper can form a complete external skin, wrapping complex building forms with continuity across roofs and façades, or provide distinctive character to individual architectural elements alongside other high-quality materials. Its combination of formability, durability and evolving surface character also makes copper increasingly popular for interior applications.

Copper begins with the characteristic bright surface of untreated copper and develops naturally through exposure to its environment. Over time the surface progresses through changing shades of copper and brown before eventually developing the protective patina associated with aged copper. The precise appearance and rate of change are influenced by local atmospheric and environmental conditions.

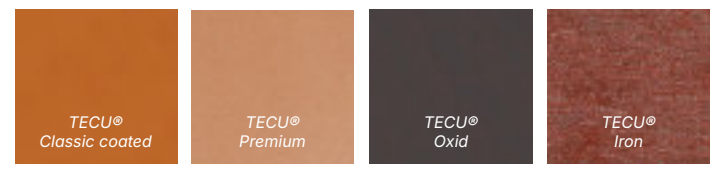
Width	Thickness	Weight - Kg/m²	Lm Length (based on 100kg)
500mm	0.6mm	5.4	37.04Lm
600mm	0.6mm	5.4	30.86Lm
1000mm	0.6mm	5.4	18.52Lm

Other thicknesses/widths available on request



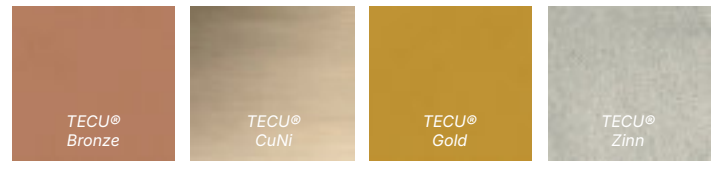
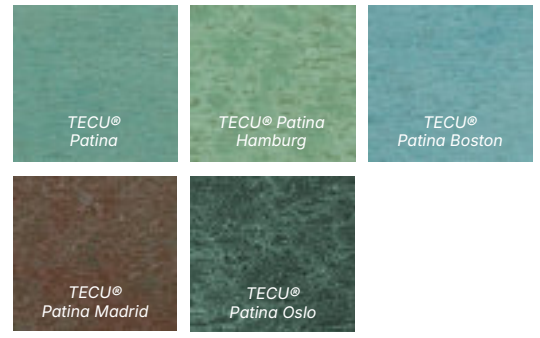
Colours

Tecu® Finishes



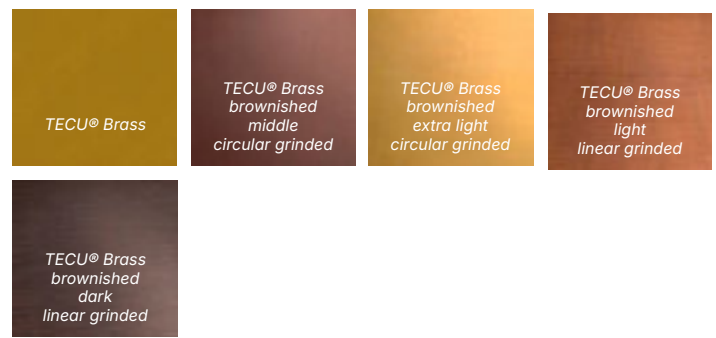
TECU® Patina and TECU® Patina Variations

Copper material, patinated on one side. The natural patina of copper impresses right from the outset. The many different nuances and shades of the surface blend only gradually. After installation the surfaces continue to develop in a completely natural manner being characteristic of copper.



TECU® Brass and TECU® Brass brownished

A copper-zinc alloy for façade cladding with a yellowish golden surface that regularly changes with the effects of weathering. Upon request, we offer various brownished surface options for architects and designers seeking extraordinary finishes.



TECU® Patina provides the distinctive character of naturally patinated copper from the outset. Patinated on one side, the surface features variations in tone and shade that give it a naturally evolving appearance rather than the uniformity of a painted finish.

TECU® Patina Variations extends this principle with a choice of patinated surface effects. Following installation, the surfaces continue to respond naturally to their environment, gradually developing the individual character associated with copper.

TECU® Brass is a copper-zinc alloy with a distinctive yellow-gold appearance that changes progressively through natural weathering. This evolving surface gives façades a warm metallic character quite different from traditional copper.

TECU® Brass Brownished provides additional factory-treated surface options for projects seeking deeper and more unusual tones from the outset, while retaining the character and natural development of a genuine copper alloy.



Copper

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.



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 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	504mm

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.

Available in a Range of Standard Seam Heights and Module Widths

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

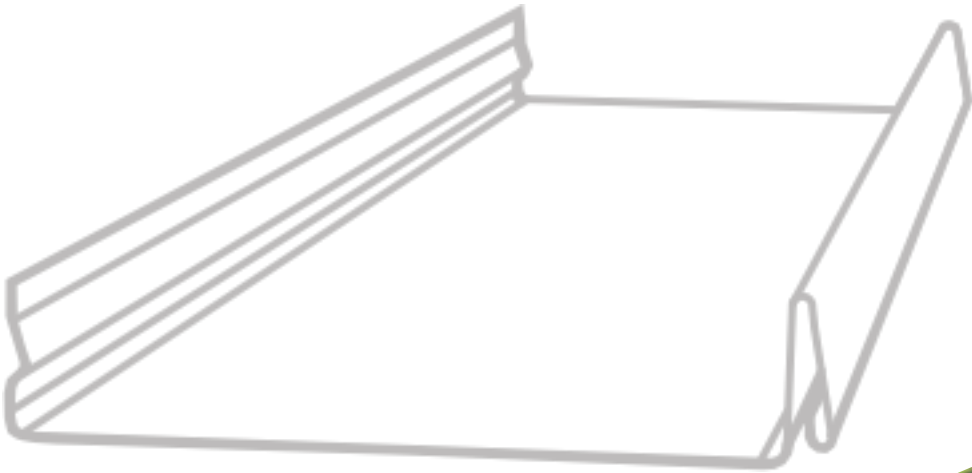
For more information or to explore the diverse options available with the Snaplock® Seam System, contact our team today. Our experts are ready to provide personalised assistance, answer any questions, and guide you through the selection process, ensuring that your roofing choice aligns perfectly with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

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.

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 Batten Roll Cap System

- ✓ **Installation Efficiency**
Depending on the specific design, batten roll cap systems can have an efficient installation process. This can reduce labour costs and minimise 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.

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.



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.

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 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 6m
RP-297/3	300mm	297mm	3mm	Up to 6m
RP-290/10	300mm	290mm	10mm	Up to 6m
RP-280/20	300mm	280mm	20mm	Up to 6m

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.

CWCT Tested



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.

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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.

✔ **Flexible Design Options**
Available in square, rectangular, diamond, rhomboid, triangular and bespoke formats with a wide range of sizes, metal finishes and layout possibilities.
- ✔ **Lightweight and Efficient**
A lightweight roofing and facade system suitable for both contemporary and traditional architectural applications.

✔ **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.

Available in a Range of Standard Shapes and Sizes

Code	Shape	Face Height	Face Width	Nr/m2
S-180x180	Square/Diamond	180mm	180mm	30.87
S-230x230	Square/Diamond	230mm	230mm	18.91
S-430x430	Square/Diamond	430mm	430mm	5.41
S-530x530	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

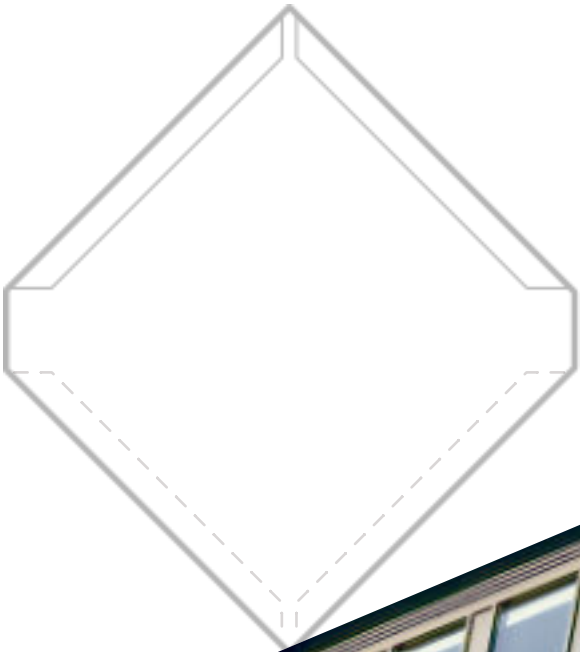
Unlock Your Vision with Our Metal Shingle System

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.

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.

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.



GreenLine® Rainwater System

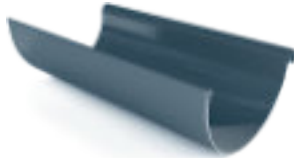
GreenLine® rainwater goods offer both visual appeal and reliable performance. The collection provides versatile solutions that meet the needs of both residential and commercial projects, without compromising on function or design.

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

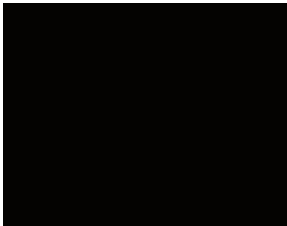


Drop Outlet

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).

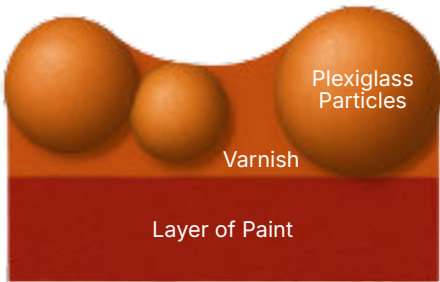
This coating maintains its initial colour and brightness over the years. The GreenLine® gutter system is easy to match the surroundings since there are a selection of colours available. Mountain Grey and Nordic Night Black are our standard colours. Other colours are available on request.



Nordic Night Black
RAL 9005

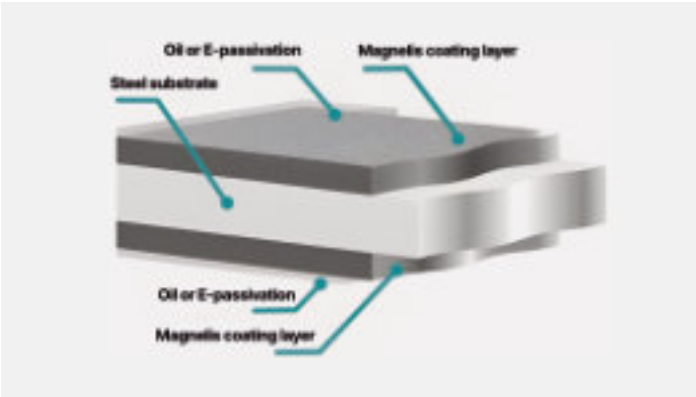


Mountain Grey
RAL 7016



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
- ✓ **Best and most cost-effective alternative** to post galvanised steels
- ✓ **Excellent processing properties**
- ✓ **Environmentally friendly**
- ✓ **Wide feasibility range**



Eclipse

GreenLine®
Colour Coated Steel Rainwater Goods

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.



Round Rainwater Pipe



Square Rainwater Pipe



Zinc is an ideal material for gutters and rainwater systems, combining a long service life with excellent corrosion resistance and minimal maintenance. Lightweight and highly workable, it can be easily formed, jointed and soldered to produce both standard components and bespoke details. Zinc is also non-combustible and 100% recyclable, making it a durable and sustainable choice for traditional and contemporary buildings.



Rainwater Hopper



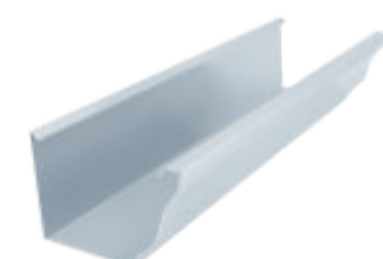
Drop Outlet



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.



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



Round Rainwater Pipe



Square Rainwater Pipe



Rainwater Hopper



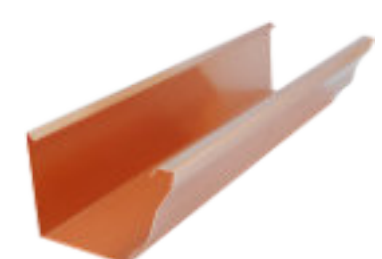
Drop Outlet



Round Gutter



Square Gutter



Ogee Gutter

Stainless Steel Rainwater Goods

Our stainless steel rainwater systems are manufactured in the UK by Metal Solutions Ltd from 0.5mm 316 grade Roofinox Classic. Highly durable and corrosion resistant, it provides excellent long-term performance with minimal maintenance. Its distinctive metallic finish complements contemporary roofing and façade applications.



Round Rainwater Pipe



Square Rainwater Pipe



Rainwater Hopper



Drop Outlet

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!

Advantages of Stainless Steel Rainwater Goods

- ✓ Distinctive brushed, lead-like appearance
- ✓ Superior brush rolling process which occurs during cold rolling, not to be confused with brushed stainless steel
- ✓ Highly formable for flexible architectural detailing
- ✓ Very low-reflective finish



Round Gutter



Square Gutter



Ogee Gutter

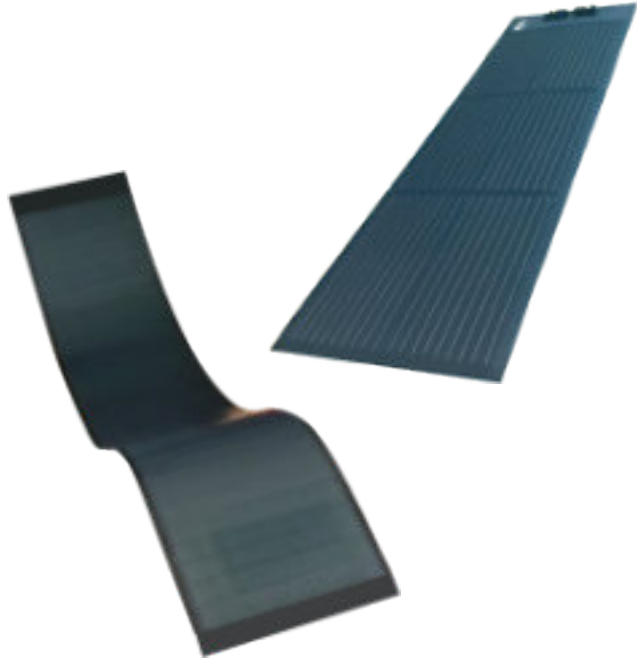
Standing Seam Solar Panels

All of our solar products have been specially selected to work well with standing seam roofing. From flexible made to measure modules to fixed size panels, each option is lightweight, discreet and bonded directly to the roof metal. It is often possible to retro-fit solar to your existing standing seam roof.

Our solar products retain all the benefits of standing seam without introducing additional sealants or linear joints

Some solar products can degrade the standing seam integrity by compromising the aesthetics, adding otherwise unnecessary linear joints or imposing heavy structural additions for support. All our solar options have been specially selected to work well with fully supported standing seam roofing.

With appropriate preparation and priming, our solar panels can be bonded to Aluminium, GreenCoat® Colourful Steel, Stainless Steel and Copper. It is also possible to retro-fit PowerSeam solar to existing standing seam roofs with relatively low impact.



Increased Energy Efficiency

Our solar panels are designed with advanced technology to capture and convert sunlight into electricity efficiently.



New Roof or Retro-Fit

Our solar panels can be bonded to Aluminium, GreenCoat® Steel, Stainless Steel, Zinc and Copper. It is also possible to retro-fit to existing standing seam roofs.



Durable and Long-lasting

Our solar panels are engineered to withstand harsh environmental conditions, ensuring durability and longevity.



Lightweight and Portable

Our solar panels are lightweight compared to traditional rigid solar panels, making them easy to transport and install.

Solar

FLEXTRON

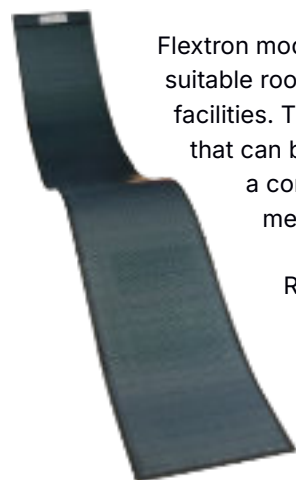
Flextron is a flexible PV module with integrated solar cells. The modules feature solar cells made using CIGS (Copper Indium Gallium Selenide) technology which are thin and lightweight requiring no extra structural support or fittings. They bond directly to the roof material sitting between standing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



Features and Benefits of Flextron

- ✓ Cell efficiency, up to 17.5%
- ✓ No ballast, penetrations or racking required
- ✓ Improved low-level light performance captures more light during the day, including cloudy days
- ✓ Fire rated, certified to the highest rating in accordance with EN 13501-5:2016 and classified B ROOF (t4)
- ✓ Made in the UK for local conditions
- ✓ Industry-leading thin film technology
- ✓ Low installed weight of less than 4kg/m²
- ✓ Multiple bypass diodes avoid disproportionate loss of outputs when shaded
- ✓ Self-cleaning top sheet providing hassle-free maintenance
- ✓ 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 often be retro-fitted, with modules delivered to site after the roof has been installed, ready to be bonded by your installer.

Efficiency - reliable "low light" performance

Flextron is the universal multi-purposed peel and 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.



FLEXTRON POWER

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.

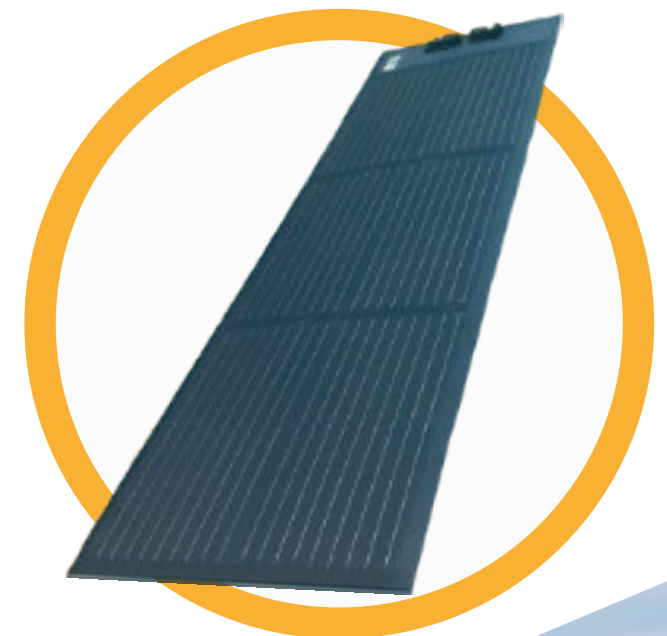
Features and Benefits of Flextron Power

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

High-Efficiency Semi-Flexible Solar PV Modules



Solar

*With offices in Greater Manchester and Glasgow,
Metal Solutions are the premier supplier of metals,
systems and services for traditional metal roof,
facade and decor projects*



This specifier guidebook is intended as an aid in understanding the metals, systems and rainwater goods we supply 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.