

Built on knowledge,
made to last.

STEEL ROOFING, CLADDING & STRUCTURAL COMPONENTS



INTRODUCTION TO **THOMAS**



Built on **knowledge**, made to **last**.

Thomas Panels and Profiles is one of the UK's leading independent manufacturers of steel roofing, cladding and structural components. With over 30 years of experience, we're known for our reliability, expert service and quality products.

Trusted by contractors, distributors and developers nationwide, we deliver steel products for projects from major agricultural builds to commercial refurbishments.

We supply every component your steel building project needs, delivered together and ready to install.

We've earned our position as a trusted partner by building long-term relationships, delivering on our promises and keeping quality at the heart of every project. Our consistency, clarity and expertise keep projects moving with confidence.

We don't reinvent, we refine. We are continuously improving our products and processes to deliver the best results for every build.

Complete steel building solutions.

Thomas Panels and Profiles supply everything you need to complete a steel-framed building. From roof profiles and purlins to flashings, gutters and fixings, we deliver complete systems in one load, ready to install.

We work across industrial, agricultural and domestic sectors, providing practical, cost-effective solutions based on decades of proven performance. Our team works closely with customers, advising on specifications, meeting non-standard requirements and ensuring accuracy from order to installation.

Our range is engineered for performance and efficiency. We adapt to customer requirements, whether that means supplying a complete frame package or producing a few custom-length sheets and flashings.

We manufacture everything in-house using high-quality materials and robust production standards. All structural components are made from galvanised steel and fully CE marked, with full traceability and compliance to BS EN standards.

Complete steel solutions,
supplied in a single delivery
and on schedule, so
**you can build with
confidence.**



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SYMBOL KEY

Key to symbols used throughout the brochure. All finishes and styles THOMAS manufacture, are shown within this key.

AC AntiCon available	LP Liner profile available	T⁴⁰ Thickness options* * T40 / T60 / T80 / T210 (e.g. 40mm, 60mm, 80mm, 120mm insulation or panel depth)
CRK Cranked profile option	P Polyester finish	TC Textured coating
CV Curve profile option	PL Plastisol finish	VR Ventair version available
GS Galvanised steel	PRF Perforated option	

ROOF PROFILES

Roofing sheets **for every project.**

We supply one of the widest ranges of steel roof sheeting in the UK, with profiles to suit every type of build. From box profile and corrugated sheets through to tile effect and standing seam systems, our range gives you flexibility, strength, and the finish you need.

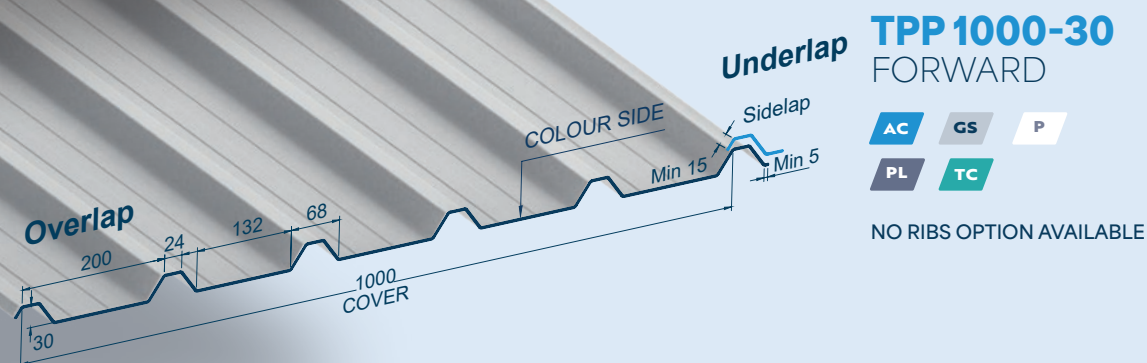
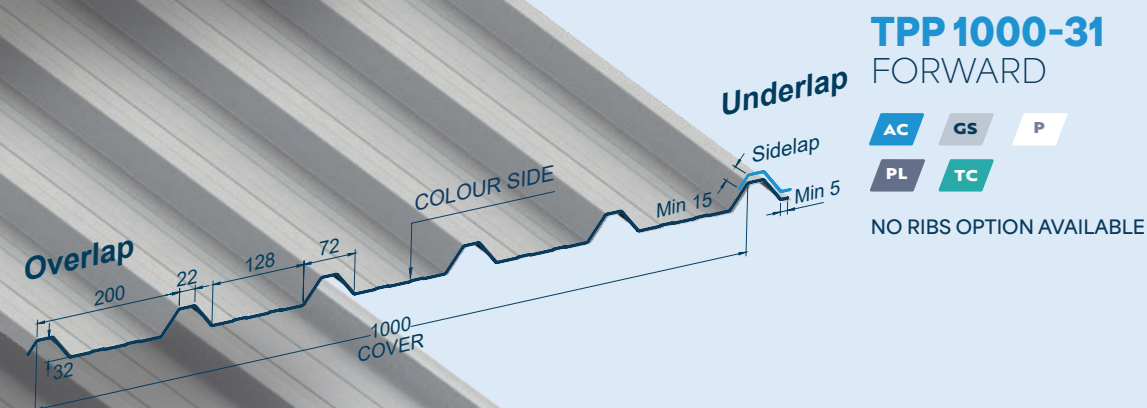
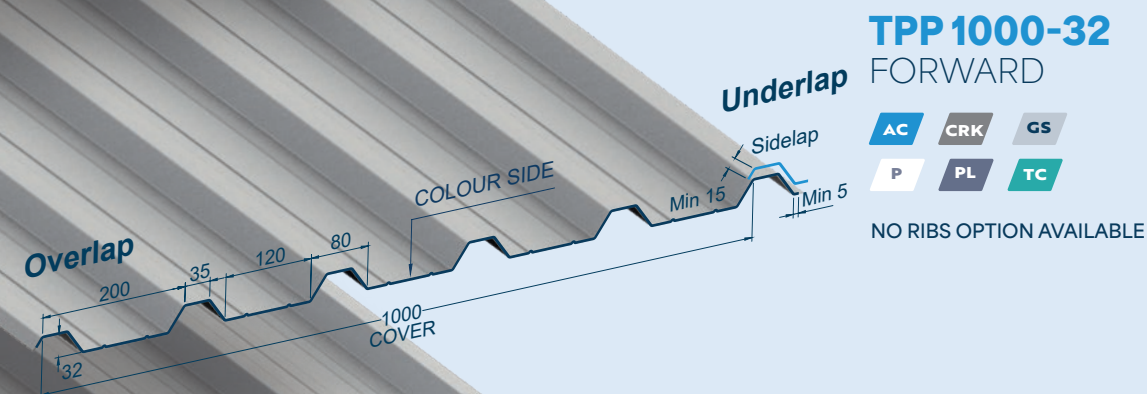
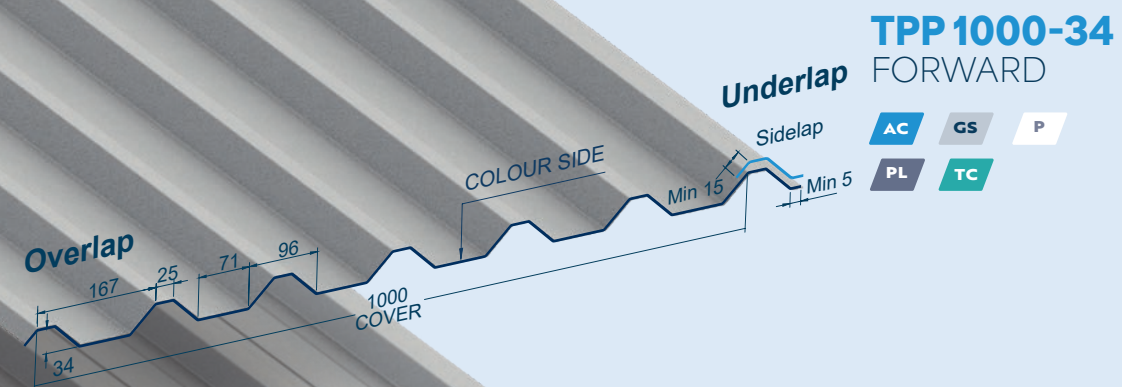


VIEW MORE DETAIL:

Scan the QR code to learn more technical details on our website

Sheets are available in 0.7mm and 0.5mm thickness, with the option of anti-condensation fleece for added protection. Every sheet is precision roll-formed for accuracy and consistency, and cut to your required length from 500mm up to 15.000m.

See the full range on the next page, or speak to our team for advice on the best profile for your job.



TPP 914-38
FORWARD



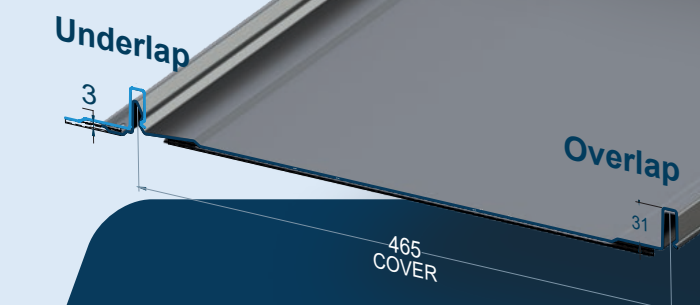
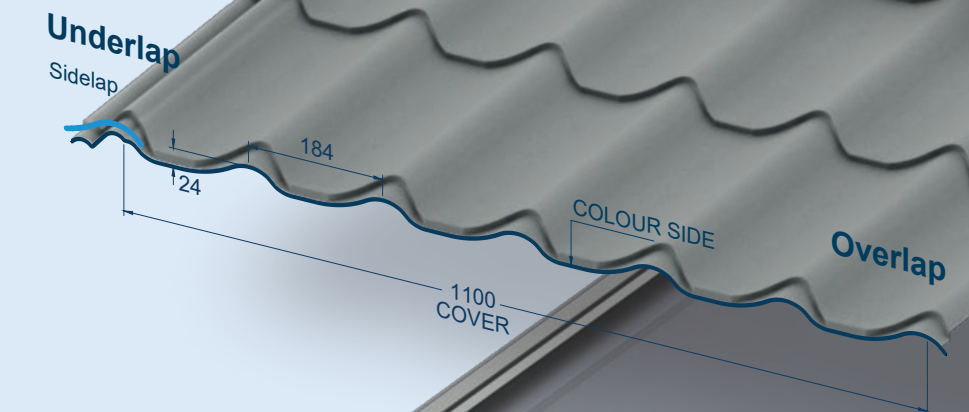
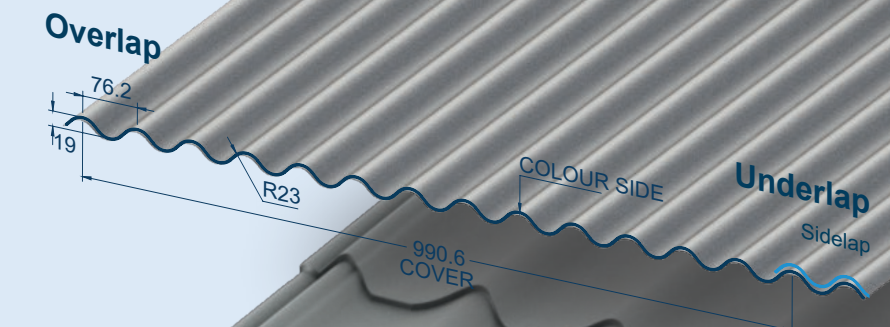
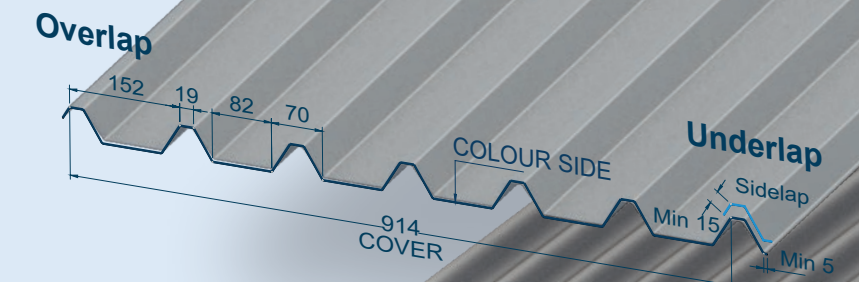
TPP 14-3
CORRUGATED



TPP PANTILE
1100



TPP CLICKSEAM
465 FORWARD



KEY LEGEND

AC	AntiCon available	PL	Plastisol finish
CRK	Cranked profile option	PRF	Perforated option
CV	Curve profile option	PT ^(s)	T40 / T60 / T80 / T210 Thickness options (e.g. 40mm, 60mm, 80mm, 120mm insulation or panel depth)
GS	Galvanised steel	TC	Textured coating
LP	Liner profile available	VR	Ventair version available
P	Polyester finish		



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WALL PROFILES

Cladding sheets **for every application.**

Our wall cladding sheets combine strength with a clean, practical finish. We manufacture a wide choice of profiles, from box profile and corrugated sheets through to flat panels, perforated options, and vented systems.



Available in 0.7mm and 0.5mm thickness, with a full range of coatings and colours, these sheets are suitable for both internal and external use. Every profile is precision roll-formed and cut to the length you need, from 500mm up to 15.000m, helping reduce waste and speed up installation.

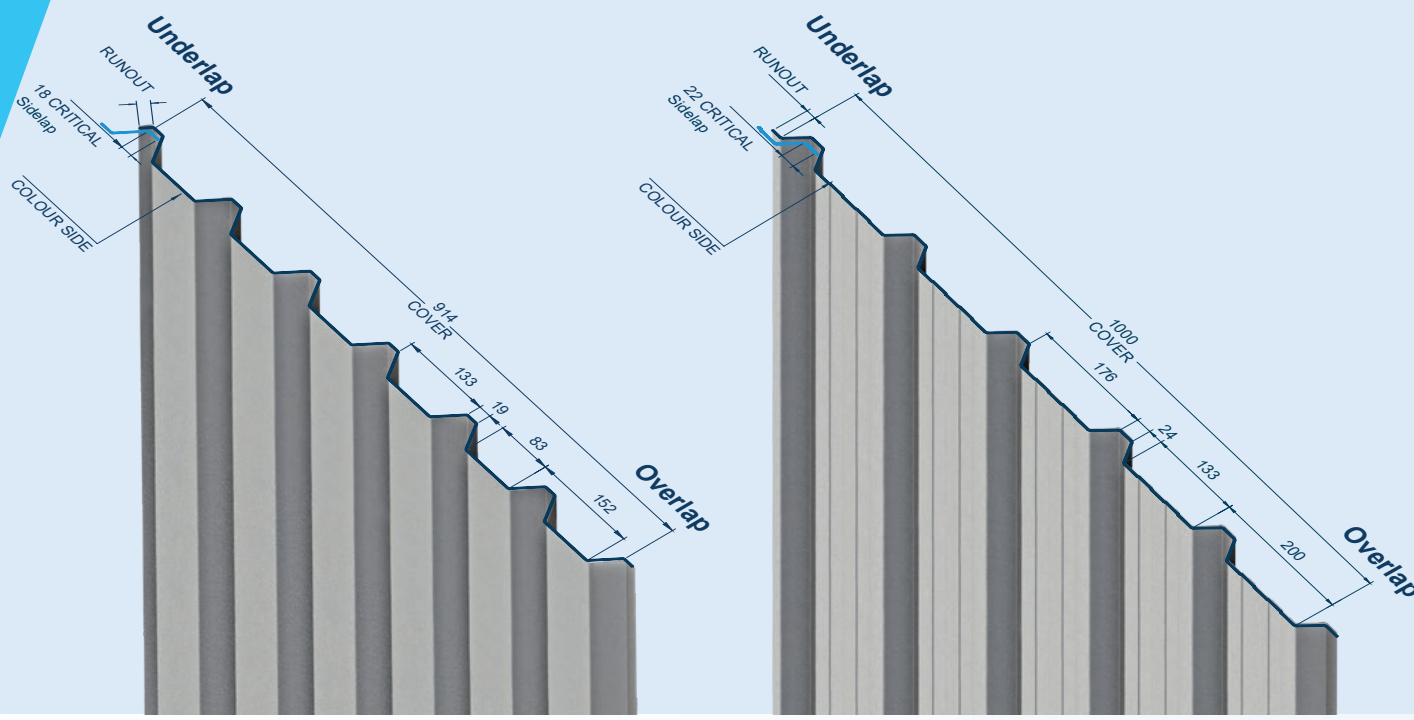


See the full range on the next page, or speak to our team for advice on the best profile for your job.



VIEW MORE DETAIL:

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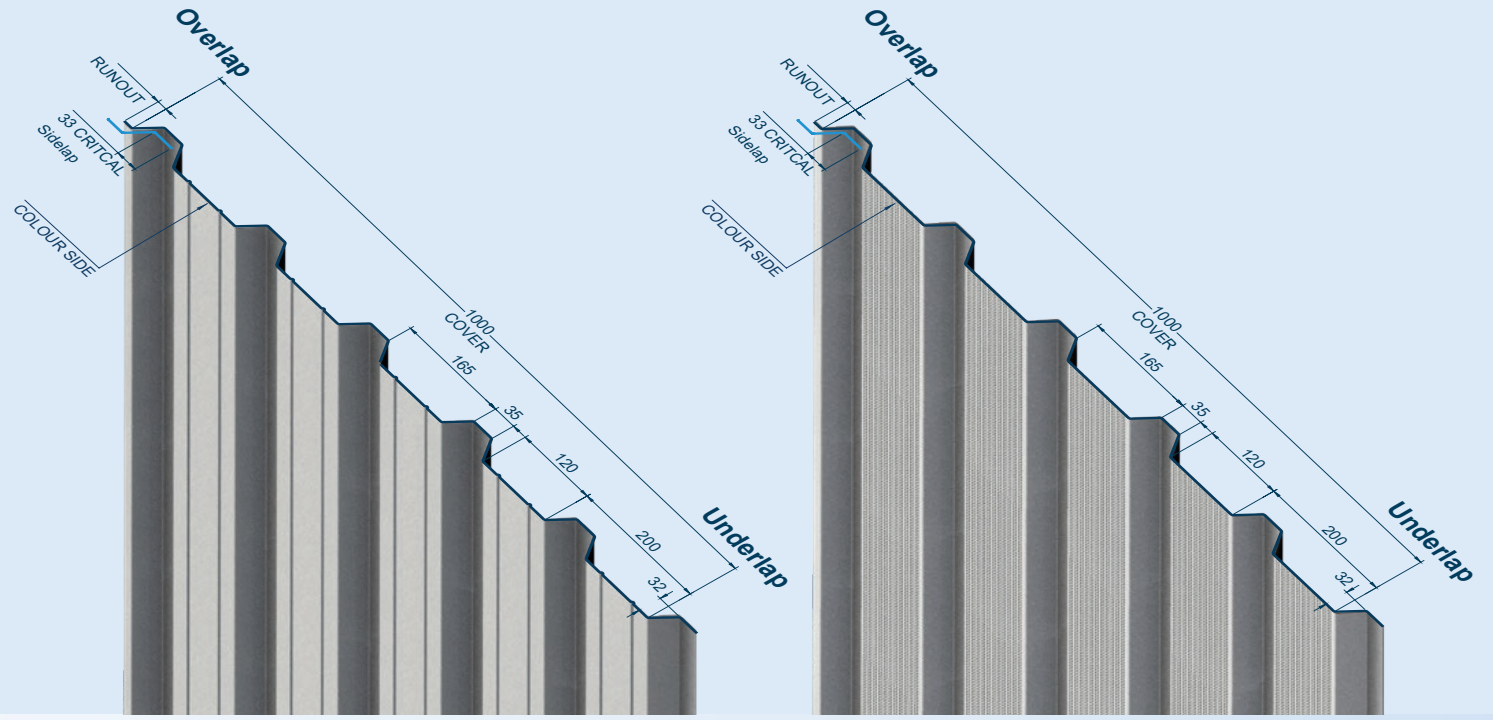


^ **TPP 914-38**
REVERSE

GS P
PL TC

^ **TPP 1000-30**
REVERSE
NO RIBS OPTION AVAILABLE

GS P
PL TC

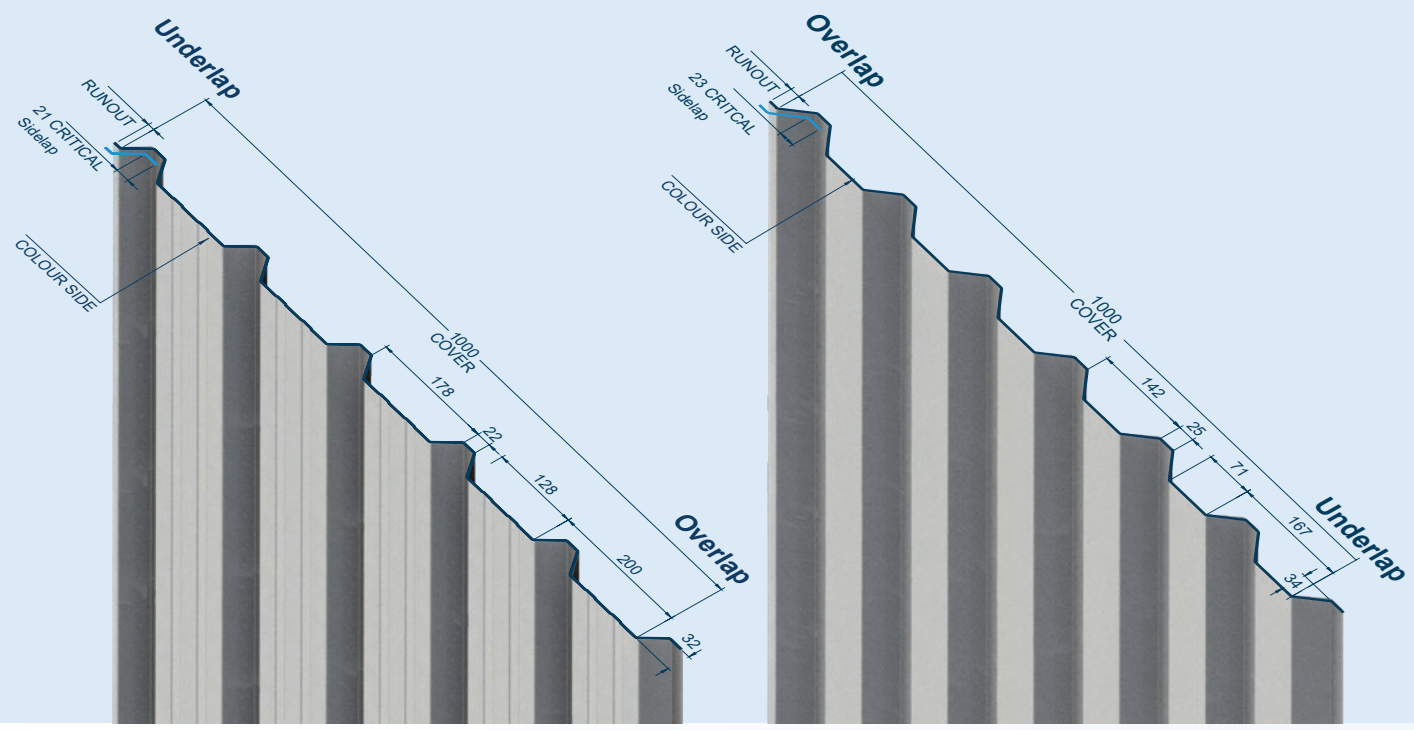


^ **TPP 1000-32**
REVERSE
NO RIBS OPTION AVAILABLE

GS P
PL TC

^ **TPP 1000-32**
PERFORATED

GS P
PL TC

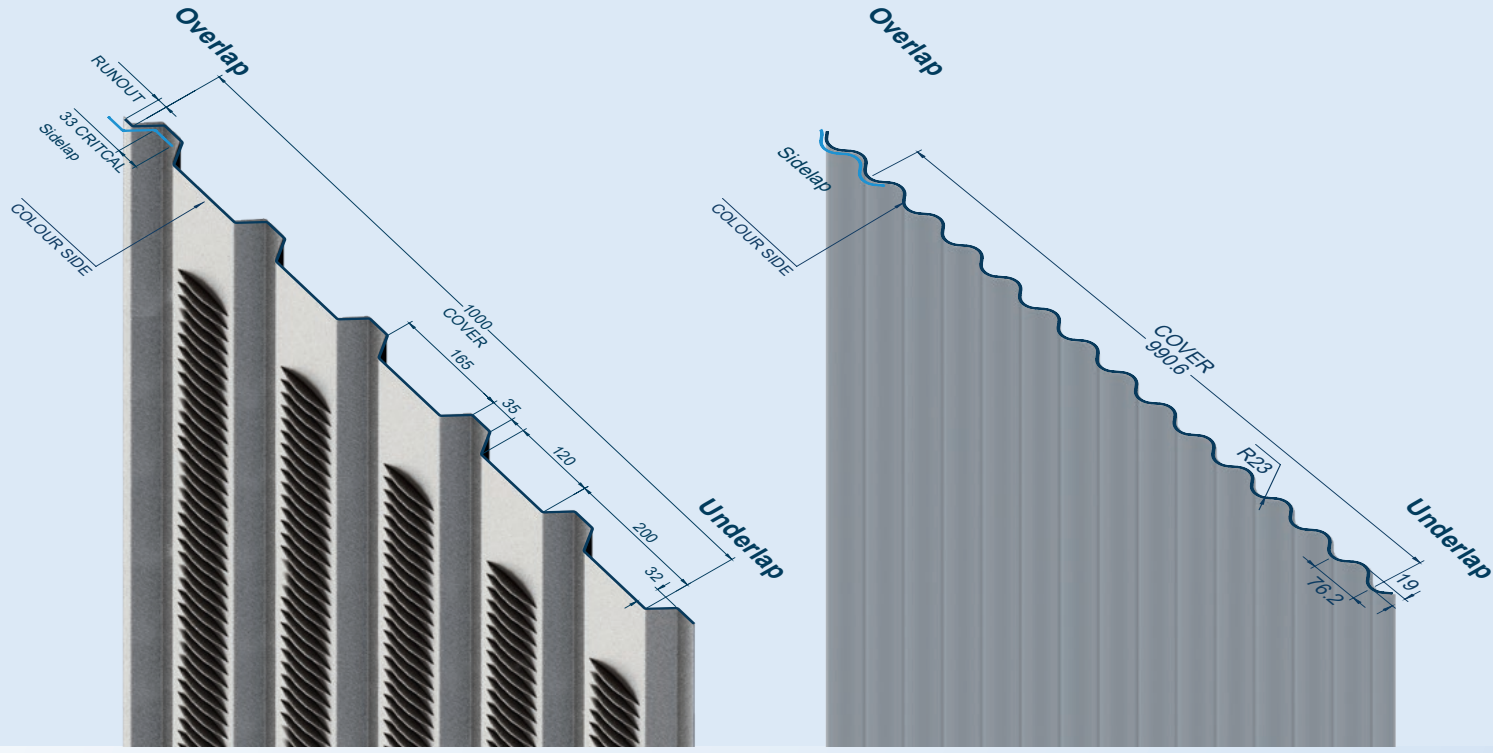


^ **TPP 1000-31**
REVERSE

GS P
PL TC

^ **TPP 1000-34**
REVERSE

GS P
PL TC



^ **TPP 1000-32**
VENTAIR

GS P VR
PL TC

^ **TPP 12-3**
CORRUGATED

AC GS P
PL TC



VIEW MORE DETAIL:
Scan the QR code to learn more technical details on our website

KEY LEGEND

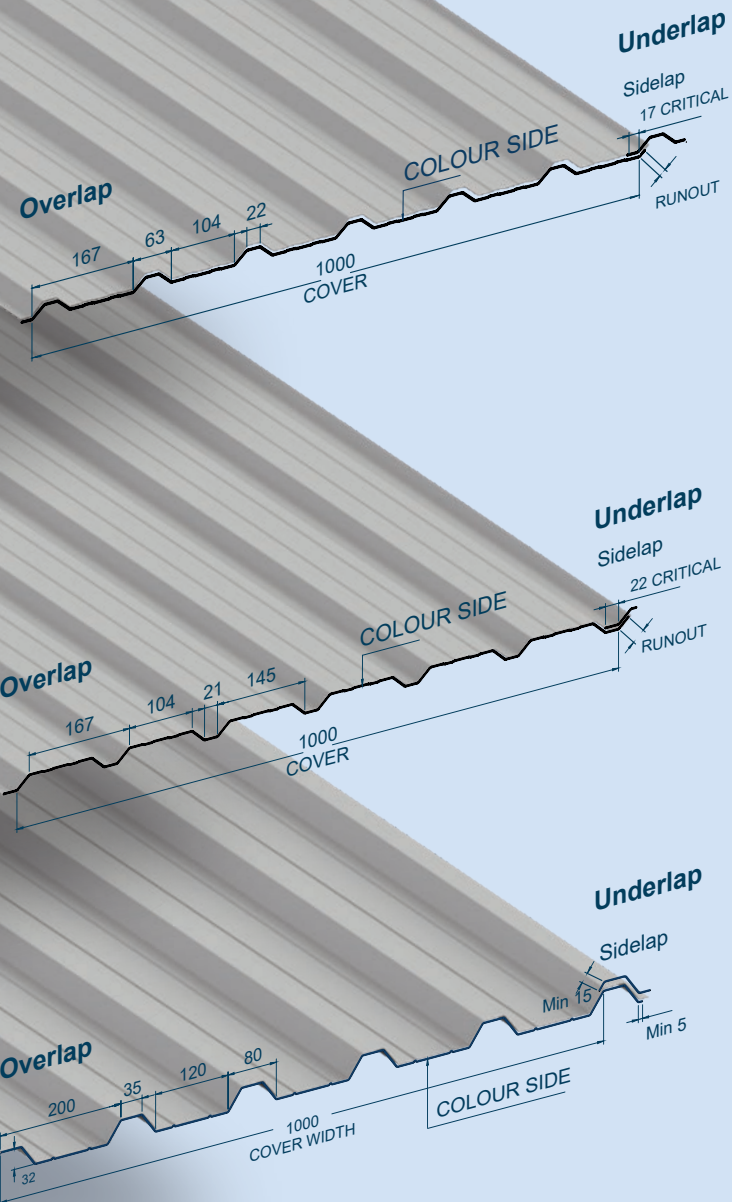
- AC AntiCon available
- CRK Cranked profile option
- CV Curve profile option
- GS Galvanised steel
- LP Liner profile available
- P Polyester finish
- PL Plastisol finish
- PRF Perforated option
- PTM T40 / T60 / T80 / T210 Thickness options (e.g.
- TC Textured coating
- VR Ventair version available

40mm, 60mm, 80mm, 120mm insulation or panel depth)

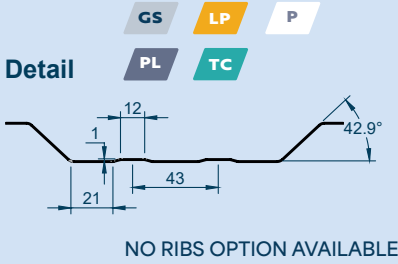
LINER PROFILES

Strong, practical liners **for all building types.**

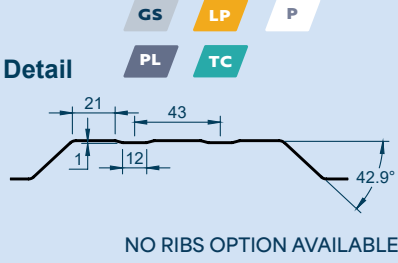
Our liner sheets form the inner skin of cladding systems, providing a durable base for insulation and a clean internal finish. Suitable for both roofs and walls, they are manufactured in a range of profiles and finishes, with every sheet cut to the length you need for straightforward installation.



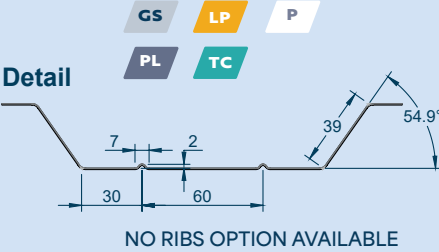
TPP 1000-20
TYPE 1



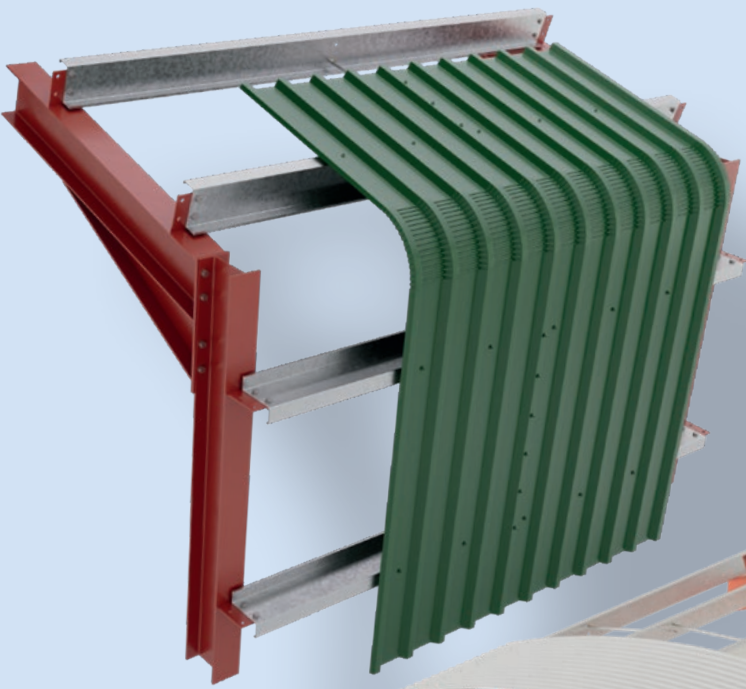
TPP 1000-20
TYPE 2



TPP 1000-32
WALKABLE LINER



SHEET MODIFICATION

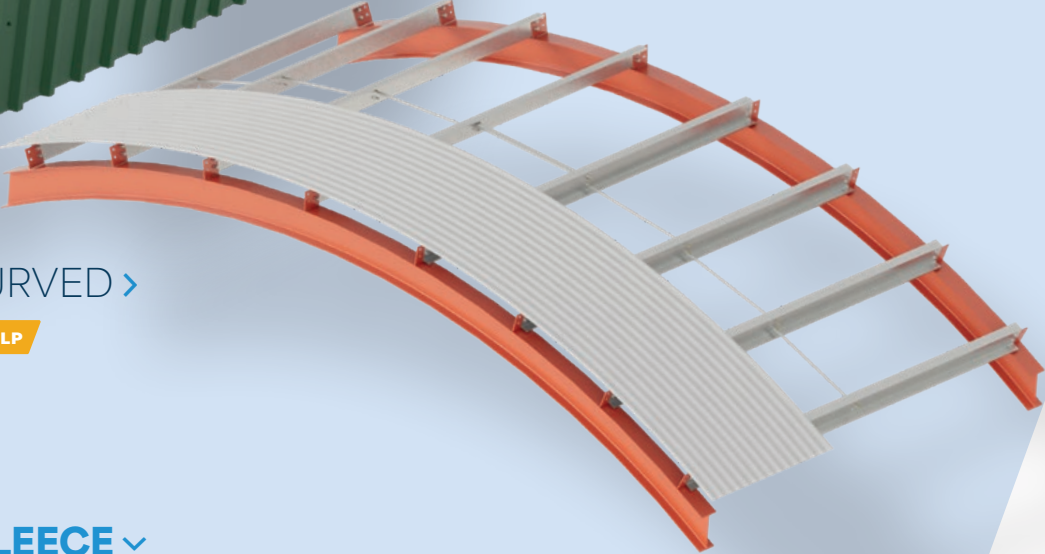


Our curved cladding sheets give you more flexibility in design and application, with options including crimp curved and curved corrugated profiles.

They deliver the same strength and finish as our standard sheets, while allowing for distinctive architectural details or specialist requirements.

Every profile is manufactured to order and supplied to your specified dimensions.

< **CRIMP CURVED** AC GS LP P PL TC



SMOOTH CURVED >

AC CV GS LP P PL TC

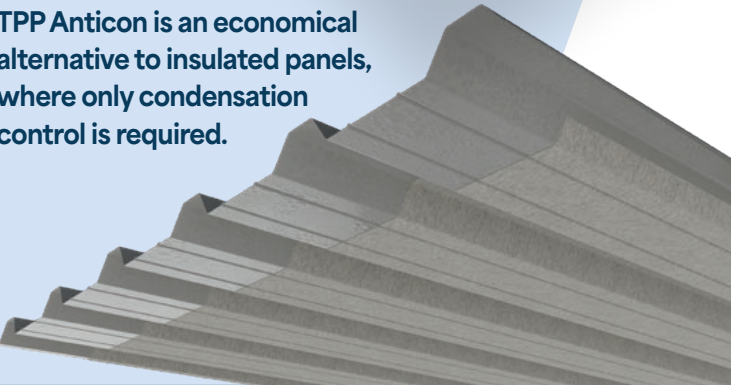
ANTI-CON FLEECE v

TPP Anticon is a micro-fibre membrane that is bonded on to the underside of single skin sheets during the roll-forming process.

This ultra-absorbent membrane has been designed to control the condensation which forms when the air inside a building comes into contact with a colder surface, such as an uninsulated profiled sheet.

The condensate is absorbed and held in the membrane until the ambient temperature exceeds dew point, at which time it is released back into the air in the form of water vapour.

TPP Anticon is an economical alternative to insulated panels, where only condensation control is required.



KEY LEGEND

- | | |
|---|---|
| AC AntiCon available | PL Plastisol finish |
| CRK Cranked profile option | PRF Perforated option |
| CV Curve profile option | PT T40 / T60 / T80 / T120 Thickness options (e.g. 40mm, 60mm, 80mm, 120mm insulation or panel depth) |
| GS Galvanised steel | TC Textured coating |
| LP Liner profile available | VR Ventair version available |
| P Polyester finish | |



VIEW MORE DETAIL:
Scan the QR code to learn more technical details on our website

COMPOSITE PANELS

Roof and wall panel systems.

Our composite systems combine an external sheet, insulation core and internal liner in a single panel. They deliver excellent thermal performance, reduce on-site labour and provide a fast, reliable way to achieve a fully insulated building envelope. Panels are manufactured in a range of thicknesses and finishes to suit different applications.



These panels are top rated for thermal and fire performance, providing a fully insulated, low-maintenance solution. With a straightforward lapping detail, they are quicker to fit than built-up systems, making them a favourite with contractors.

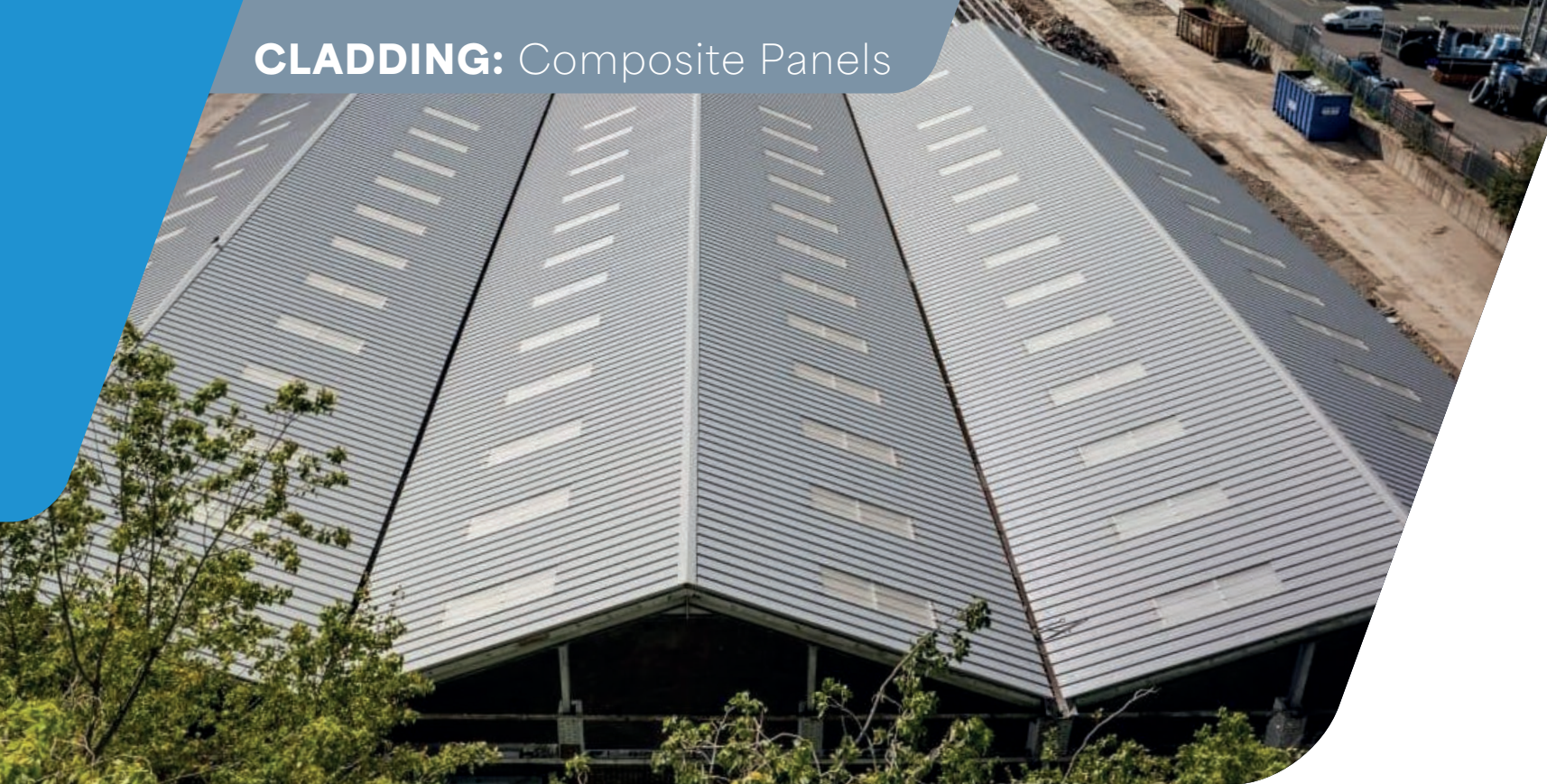
The trapezoidal top sheet is available in 200µ leather grain Plastisol across a wide choice of colours, with additional options including HPS200 Ultra® and Colorcoat Prisma® finishes for enhanced durability and performance. A bright white steel liner sheet forms the underside, with an insulation core sandwiched between, available in thicknesses from 40mm to 135mm to achieve the required U-value. Panels can be manufactured in lengths up to 20.000m, with handing and cut-backs to suit project specifications.

Speak to our team about how we can help with your next project.



VIEW MORE DETAIL:

Scan the QR code to learn more technical details on our website



COMPOSITE PANELS

Roof and Wall panel system.

Our composite systems combine an outer steel sheet, insulation core and internal liner in a single panel. They deliver excellent thermal and fire performance, while reducing on-site labour and speeding up installation. The result is a fully insulated, low-maintenance building envelope that's strong, efficient and built to last.

Panels are available in a choice of colours, finishes and insulation thicknesses to suit your project requirements. Each one is manufactured to order and can be supplied up to 20,000mm in length*, with handing and cut-backs available where required.

* Panels over 13.80m are subject to an additional charge



AVAILABLE THICKNESSES & U-VALUES

- > 40mm 0.46 W/m²K
- > 60mm 0.33 W/m²K
- > 80mm 0.25 W/m²K
- > 100mm 0.20 W/m²K
- > 120mm 0.16 W/m²K
- > 135mm 0.15 W/m²K



PL PT(a)



VIEW MORE DETAIL:

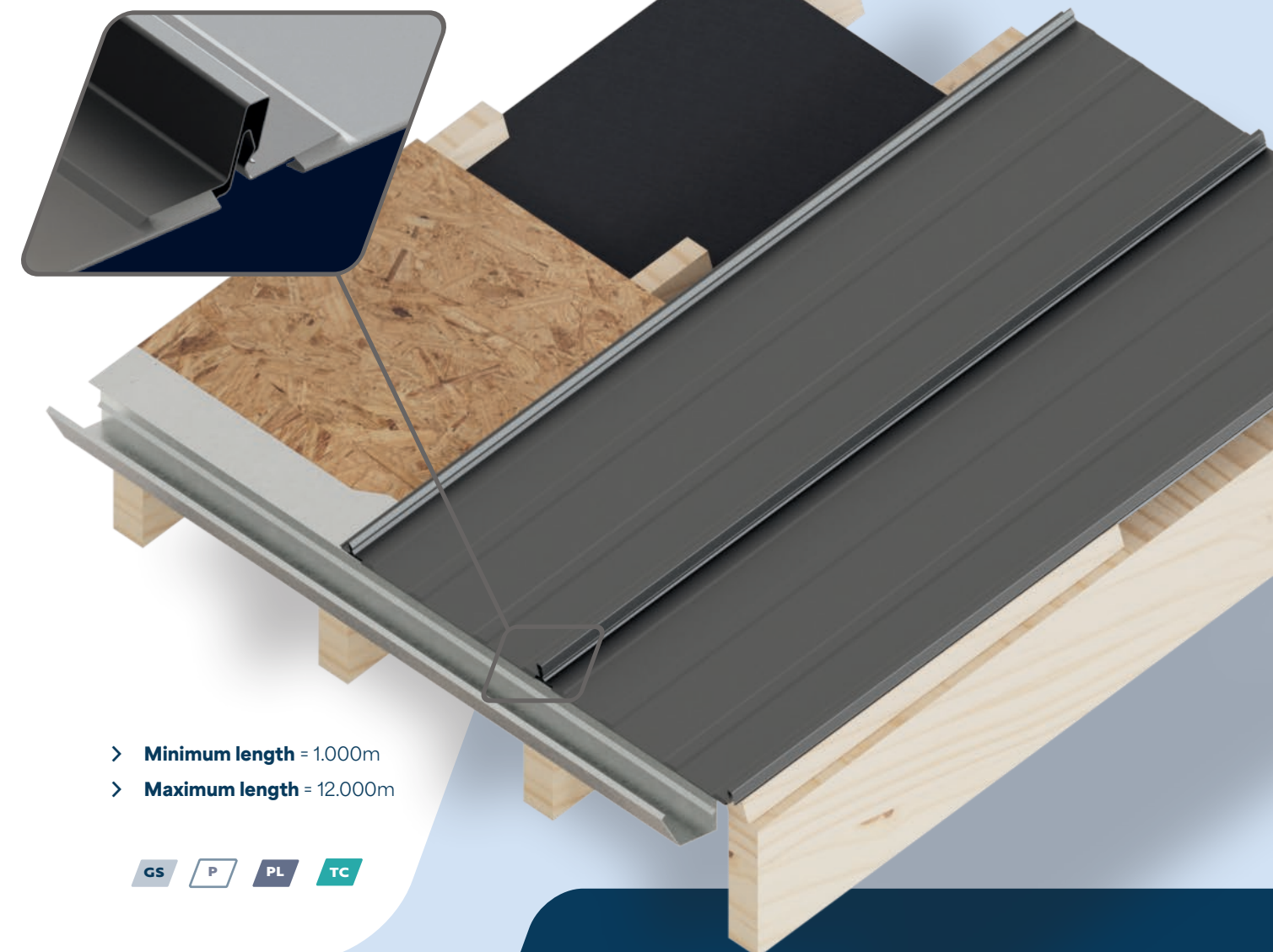
Scan the QR code to learn more technical details on our website

Standing Seam roof and wall profile.

Designed to deliver a sleek, modern appearance with hidden fixings. Suitable for both roofs and walls, it combines architectural style with the strength and durability of steel.

Manufactured to order in a choice of colours and finishes, Clickseam panels are simple to install and provide a long-lasting, low-maintenance solution for contemporary buildings.

Speak to our team for advice on using Clickseam in your next project.



- > Minimum length = 1.000m
- > Maximum length = 12.000m

GS P PL TC

KEY LEGEND

- GS Galvanised steel
- P Polyester finish
- PL Plastisol finish
- TC Textured coating

FIBRE CEMENT

Strong sheets that **reduce condensation and noise**.

Our fibre cement sheets provide a strong, durable alternative to steel. Naturally breathable, they help reduce condensation, improve ventilation and regulate temperature. With added benefits of noise reduction and low maintenance, they deliver long-lasting performance in a wide range of buildings.

PROFILE 6 FIBRE CEMENT SHEET

Available in 6" increments from 5' up to 12'

CRANK CROWN RIDGE CLOSED

Available in 2.5° increments from 10° to 22.5°

Natural Grey

Laurel Green

Vandyke Brown

Blue Black

BARGE BOARD

Available in 3.0m lengths

ROLL TOP BARGE BOARD

Available in 3.0m lengths

We offer all fibre cement fittings and profiles outside of the standard and commonly used options. Please contact us for our full range.

CRANK CROWN RIDGE VENTED

Available in 2.5° increments from 10° to 22.5°

TECHNICAL INFORMATION



Coating and surface
Water-based acrylic paint

Fire protection class
A2 - s1, d0 (painted) A1 (for Natural Grey unpainted)

Mechanical strength
Class C1X

Avg SQM weight
13.9 kg

Colours
Natural Grey unpainted, Laurel Green, Blue Black

GRP ROOFLIGHTS

Lightweight rooflights that **maximise natural daylight**.

Our GRP rooflights are manufactured to match our steel profiles, providing a simple way to introduce natural light into buildings. They reduce the need for artificial lighting, are easy to handle on site, and combine strength with long-term durability. Produced to order, each sheet is supplied to fit seamlessly with your chosen cladding system.

DOUBLE SIX METRIC GRP ROOFLIGHT

CAPE MONAD GRP ROOFLIGHT

MAJOR TILE GRP ROOFLIGHT

TRAFFORD TILE GRP ROOFLIGHT

AVAILABLE STOCK SIZES

TPP1000-32	TPP1000-30	TPP1000-31	TPP1000-34	TPP1000-35	TPP14/3	P6	TPP1000-20
> 5ft	> 5ft	> 5ft	> 5ft	> 10ft	> 5ft	> 5ft	> 1.950mtr
> 6ft	> 6ft	> 6ft	> 6ft	> 12ft	> 6ft	> 6ft	> 3.750mtr
> 7ft	> 8ft	> 8ft	> 6ft 3.8"	> 14ft	> 7ft	> 7ft	> 5.550mtr
> 8ft	> 10ft	> 10ft	> 7ft	> 16ft	> 8ft	> 8ft	> 6.096mtr
> 9ft	> 12ft	> 12ft	> 8ft		> 9ft	> 8ft 6"	
> 10ft	> 14ft	> 14ft	> 9ft	TPP914-38	> 10ft	> 9ft	CAPE MONAD
> 11ft	> 16ft	> 16ft	> 10ft	> 10ft	> 12ft	> 9ft 6"	> 3.00mtr
> 12ft	> 18ft	> 18ft	> 12ft	> 14ft	> 14ft	> 10ft	
> 14ft	> 20ft	> 20ft	> 14ft	> 16ft	> 16ft	> 12ft	DOUBLE 6M
> 16ft			> 16ft		> 18ft		> 2.000mtr
> 18ft			> 18ft	TPP900-26	> 20ft	P3	> 3.050mtr
> 20ft			> 20ft	> 12ft		> 10ft	TRISOMET 333
							> 6.000mtr



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FLASHINGS

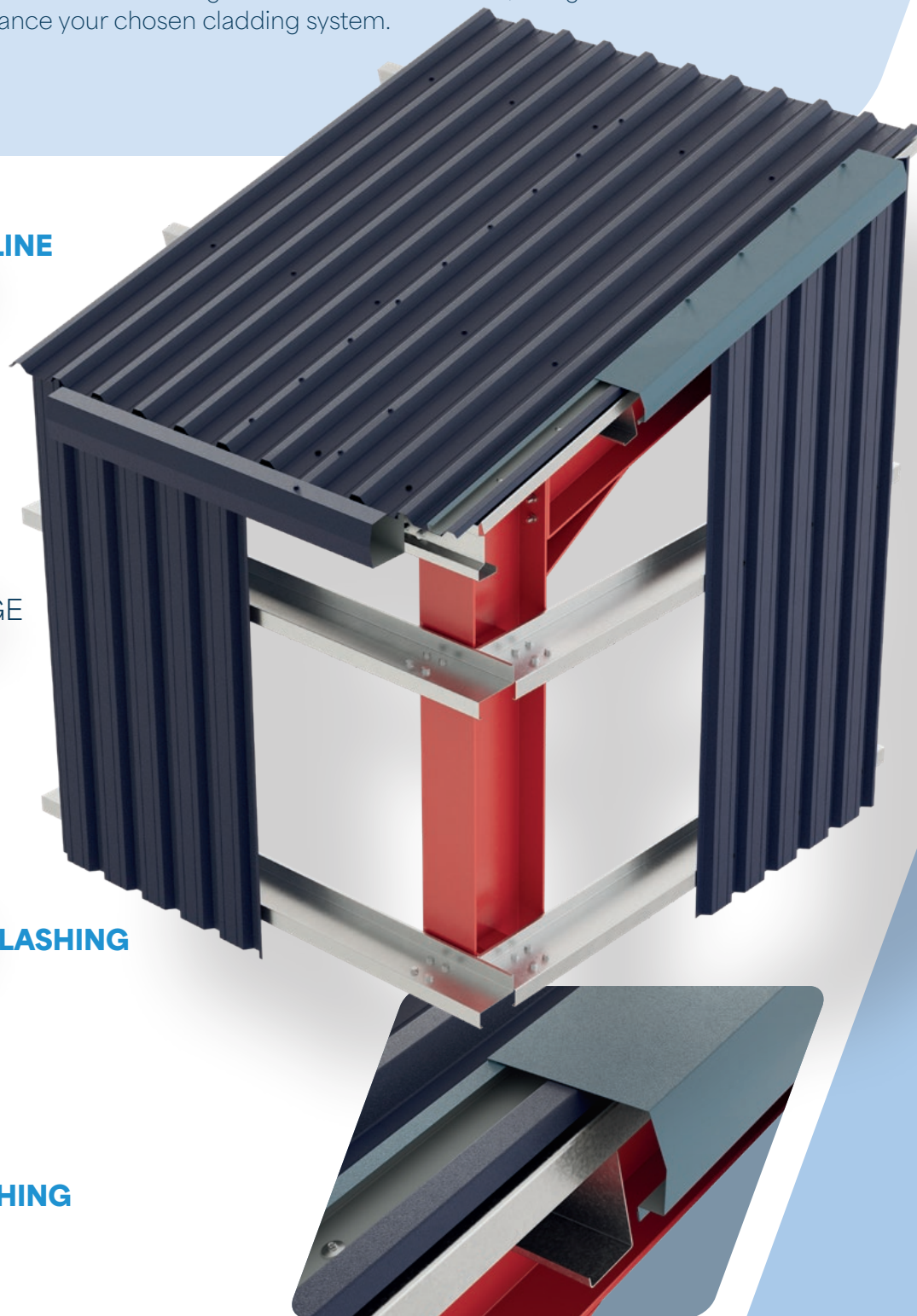
We manufacture flashings to suit almost any specification, with standard lengths of 3.000m and maximum lengths up to 8.200m. A total girth of up to 1250mm is available. Flashings can be produced in a wide range of colours and materials, designed to complement and enhance your chosen cladding system.

SHADOWLINE
BARGE

APEX RIDGE

CORNER FLASHING

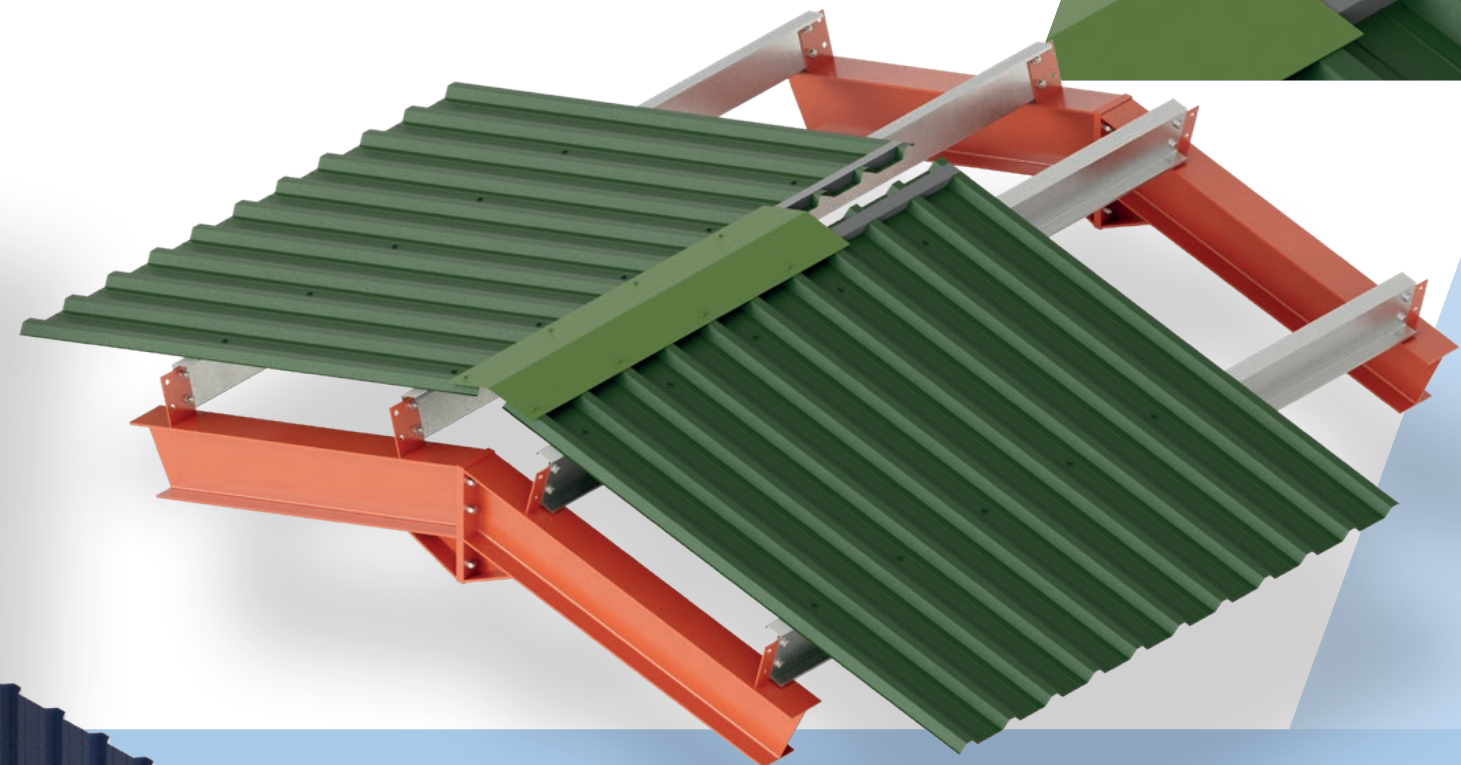
DRIP **FLASHING**



STANDARD RIDGE.

Our standard ridge flashing is manufactured at 190mm x 190mm and precisely folded to match the pitch of your roof. Welted edges are included as standard, providing additional strength while protecting the edges against weathering.

FOAM
FILLER



DRIP FLASHING.

Drip flashings direct water away from the base of wall cladding. Positioned at the lower edge of a wall sheet, they prevent water tracking back into the structure. Available in multiple profiles and finishes, they ensure a durable and practical detail for any project.



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FABRICATIONS

At Thomas Panels and Profiles, we offer a comprehensive range of bespoke fabrication services to support complete building envelope solutions. Designed to complement our standard product range, our fabrications ensure seamless integration, improved performance, and a high-quality finished appearance across every project.

We manufacture a wide variety of tailored components to suit specific project requirements, including gutter corners, barge board transitions, and curved flashings.

Our fabricated internal and external gutter corners provide smooth, watertight transitions, while specialist items such as cranked barge boards can be supplied either pre-assembled or for site assembly to suit installation preferences.

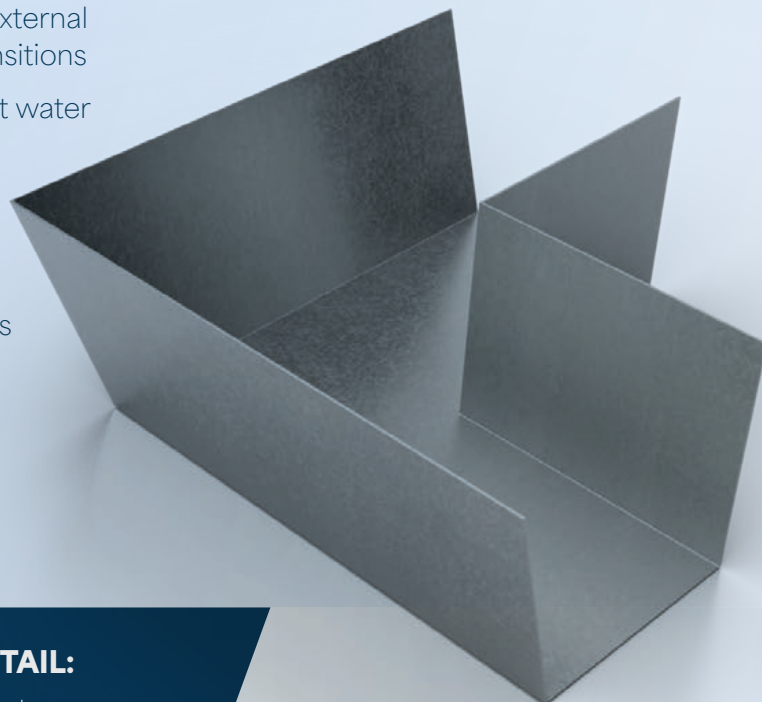
For more complex applications, we also produce curved flashings for use on radius roofs, ensuring accurate fit and consistent detailing across non-standard structures.

In addition, we offer bespoke fixed blade louvres, manufactured to meet project-specific ventilation and aesthetic requirements, providing a durable and practical solution for controlled airflow.

With a focus on precision manufacturing and flexibility, our fabrication service allows us to deliver tailored solutions that meet both functional and architectural demands.

INTERNAL & EXTERNAL GUTTER CORNERS.

- › Precision-formed internal and external corners for seamless gutter transitions
- › Designed to maintain consistent water flow around building corners
- › Reduces on-site fabrication and installation time
- › Helps ensure watertight performance at critical junctions
- › Available to suit a wide range of gutter profiles and sizes



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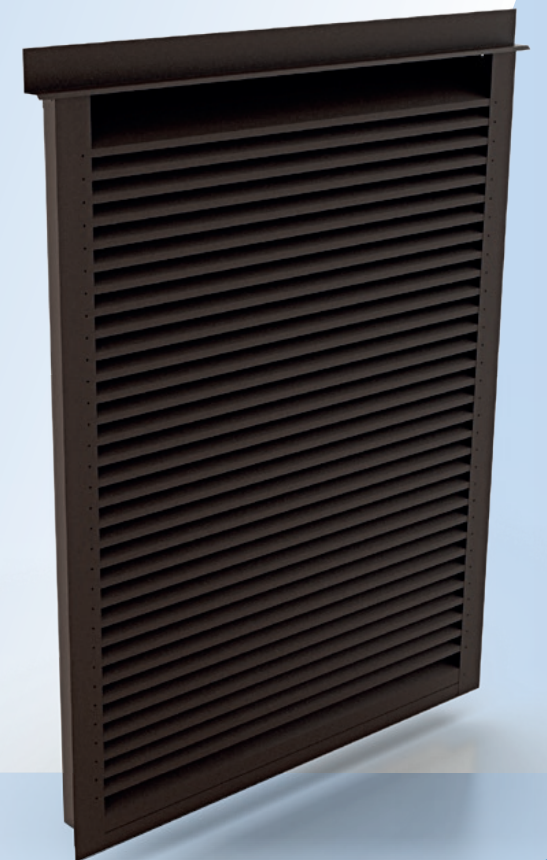
CURVED FLASHINGS.

- › Bespoke curved flashings manufactured for radius and arched roof applications
- › Ensures accurate fit and consistent detailing on non-standard structures
- › Maintains weatherproofing integrity across curved roof sections
- › Suitable for a variety of profiles and materials
- › Enhances both performance and visual finish of curved buildings



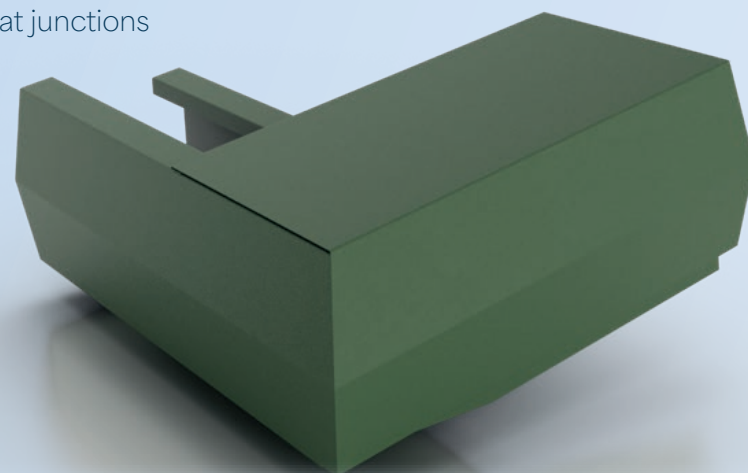
FIXED BLADE LOUVRES.

- › Bespoke fixed blade louvre systems for controlled ventilation
- › Designed to allow airflow while limiting ingress of rain and debris
- › Suitable for both functional and architectural applications
- › Manufactured to project-specific sizes and configurations
- › Durable construction for long-term performance in external environments



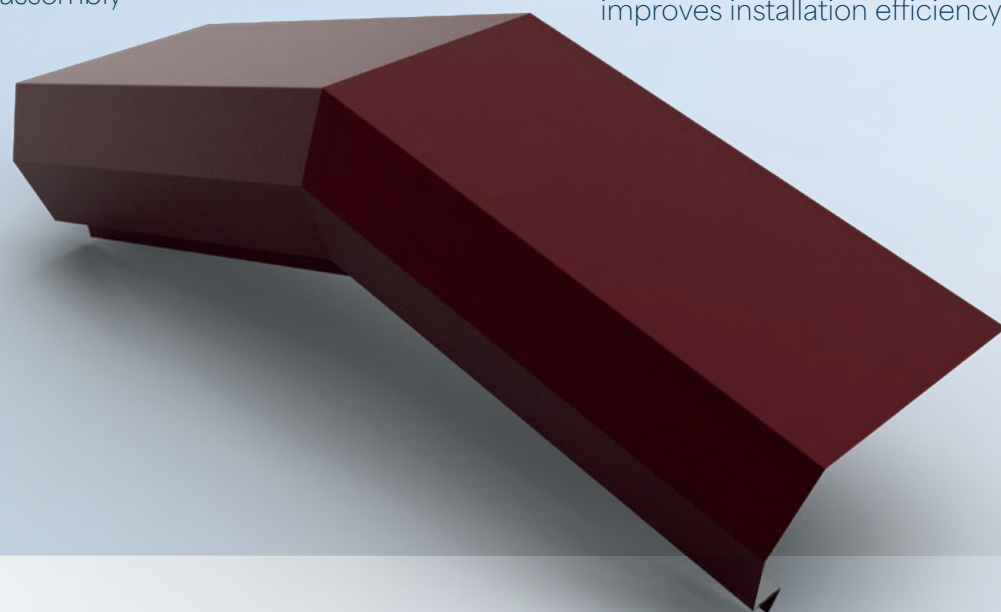
GUTTER & **BARGE BOARD TRANSITIONS.**

- Fabricated corners designed to provide a smooth transition between barge boards and gutter systems
- Ensures a clean, continuous appearance at roof edges
- Improves water flow and reduces risk of leaks at junctions
- Manufactured to suit specific roof pitches and project requirements
- Available in a range of materials and finishes to match adjacent systems



CRANKED **BARGE BOARD.**

- Custom cranked barge boards designed to suit varying roof pitches and details
- Available pre-assembled for ease of installation or in sections for site assembly
- Provides a neat, professional finish to roof edges and gable ends
- Manufactured to match adjoining cladding and flashing systems
- Reduces on-site fabrication time and improves installation efficiency



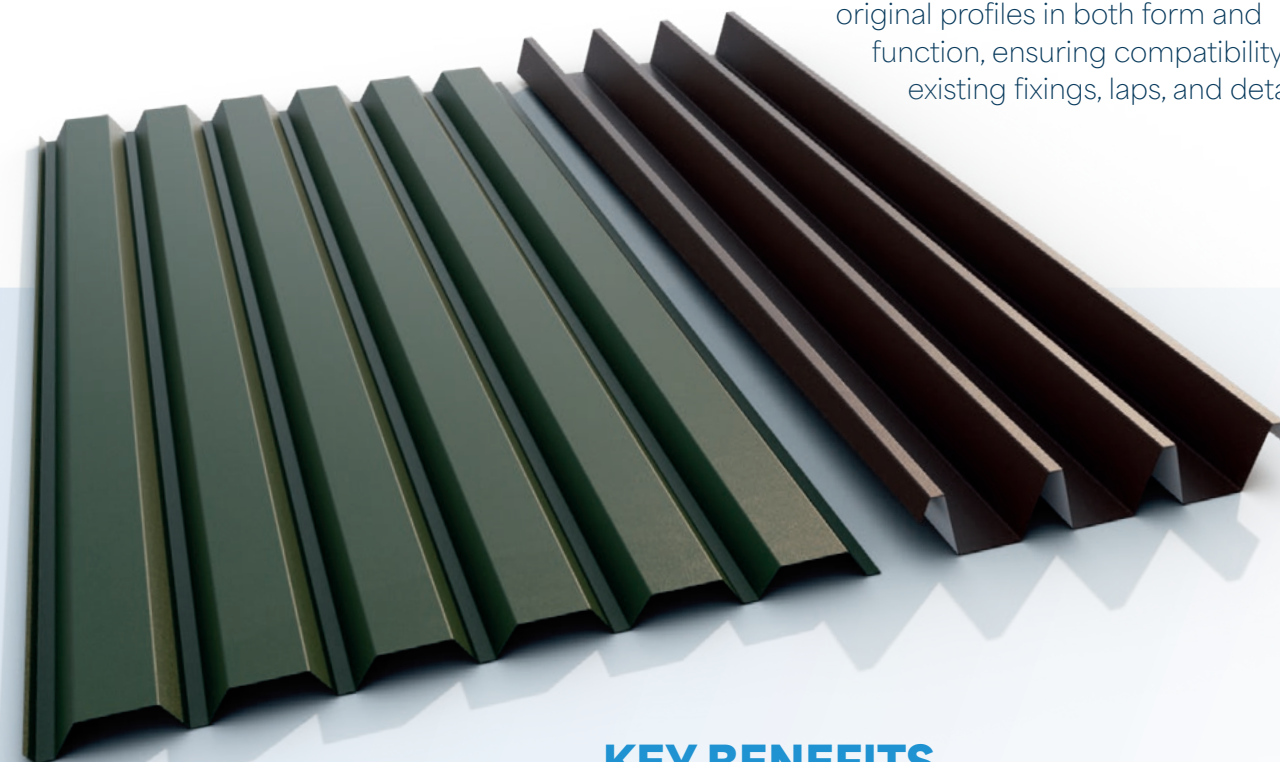
CUSTOM FOLDED PROFILES

At Thomas Panels and Profiles, we offer a bespoke folding service capable of reproducing both current and obsolete steel sheet profiles, providing an ideal solution for repair, refurbishment, and extension projects.

Whether matching an existing roof or replacing damaged sections, our team can accurately identify, replicate, and manufacture profiles that are no longer available through standard rollforming.

This allows for seamless integration with existing systems—helping to avoid the cost and disruption of a full roof replacement.

Using precise folding techniques, we can produce sheets that closely match original profiles in both form and function, ensuring compatibility with existing fixings, laps, and detailing.



KEY BENEFITS

- Replication of obsolete and non-standard profiles
- Ideal for roof repairs, extensions, and refurbishment projects
- Eliminates the need for full roof replacement in many cases
- Expert support to identify and match existing sheet profiles
- Bespoke manufacturing tailored to project-specific requirements
- Maintains continuity of appearance and performance



VIEW MORE DETAIL:

Scan the QR code to learn more technical details on our website

RAINWATER SYSTEMS

Durable rainwater systems for every building style.

Our rainwater systems are designed for strength, accuracy and long-term performance. Manufactured to suit all building styles, they provide reliable drainage and a professional finish.



Thomas Panels and Profiles manufactures pre-coated and galvanised gutters up to 8.000m in length, using state-of-the-art folding machinery with CAD design for precision.

We supply gutters in gauges from 0.7mm to 2.0mm steel thicknesses, with trimline and box options available in either tapered or butt-strap jointing.

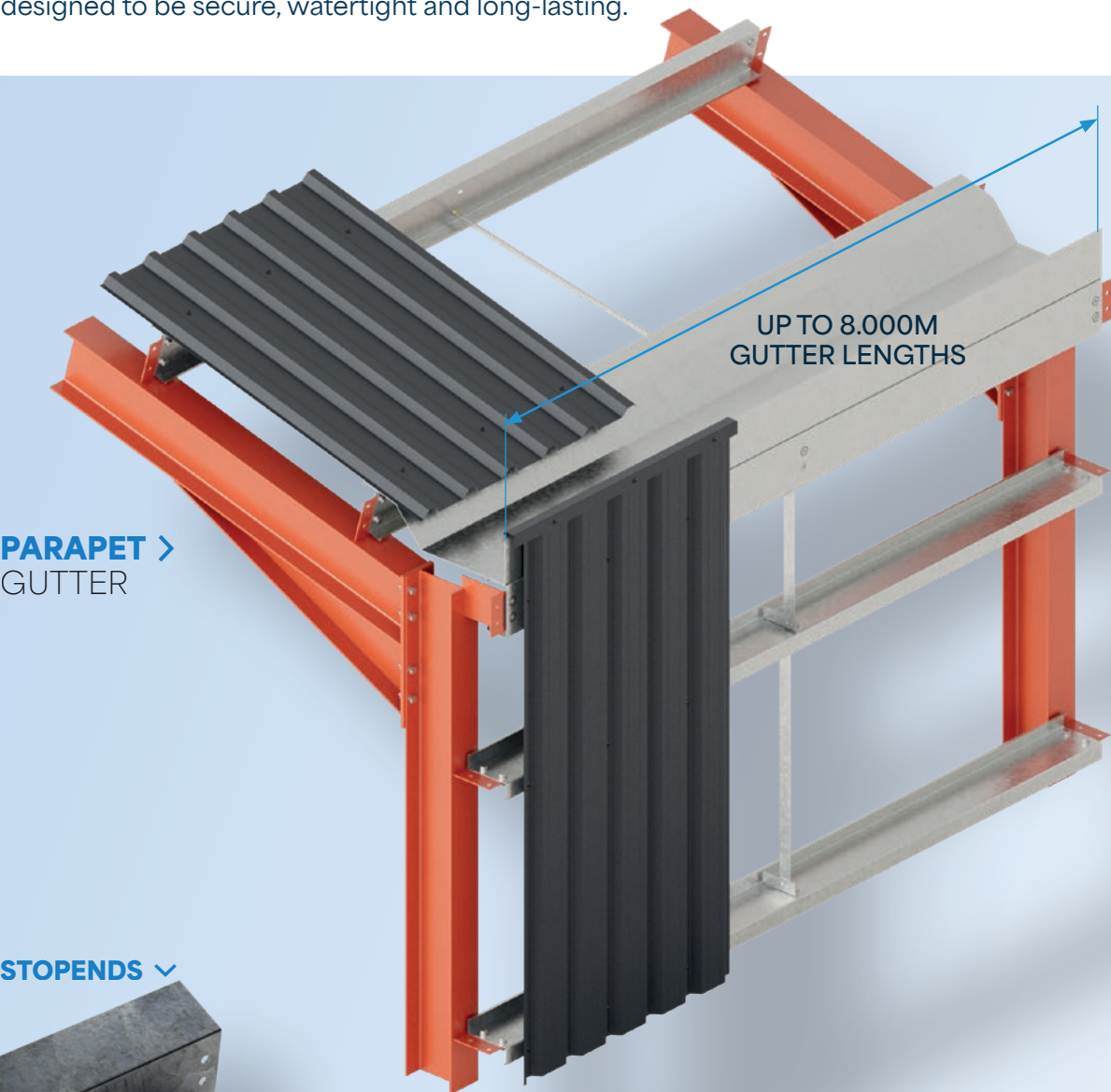
All systems can be pre-punched to customer specifications and are supplied with bolts, high-grade sealants and downpipes to ensure a complete, watertight package.

Speak to our team about how we can help with your next project.

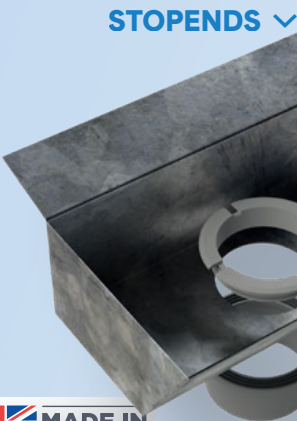
FOLDED GUTTERS

Our folded gutters are manufactured in a range of profiles and sizes to suit different roof designs. Produced from pre-coated or galvanised steel in gauges from 0.7mm to 2.0mm, they provide reliable performance with a clean, modern finish.

Options include trimline, valley, spanflow and eaves gutters, with jointing methods and punching available to order. Supplied with sealants, fixings and downpipes, our systems are designed to be secure, watertight and long-lasting.

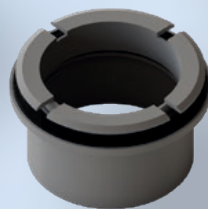


PARAPET >
GUTTER

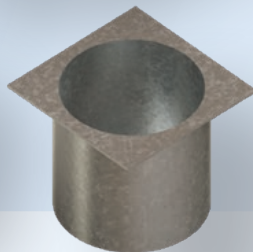


STOPENDS ∨

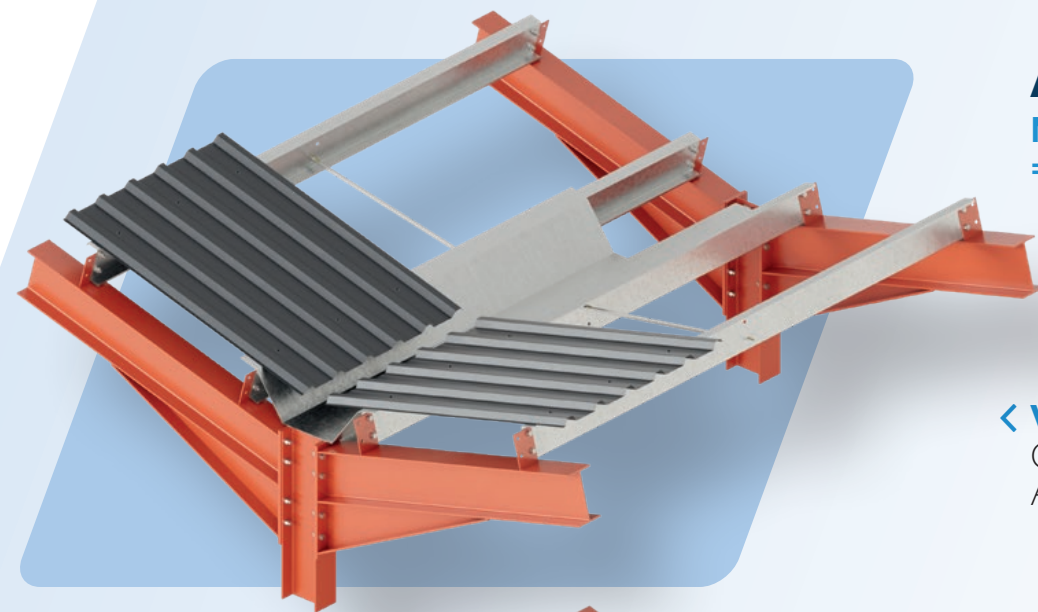
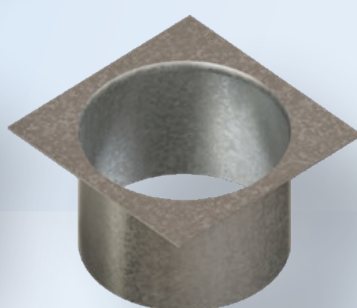
110mm PVC UNIFIT
OUTLET ∨



100mm PATCH
OUTLET ∨

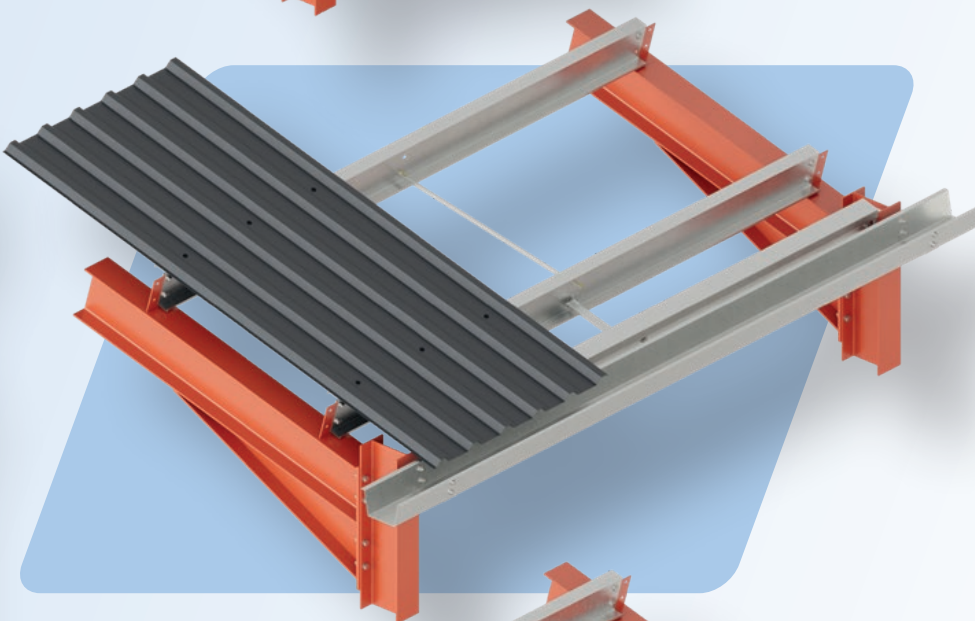


150mm PATCH
OUTLET ∨



ALL GUTTERS
MAXIMUM GIRTH
= 1250mm

< VALLEY
GUTTER
ASSEMBLY



< SPANFLOW
GUTTER
ASSEMBLY

Shown right
with joggled joint



> TRIMLINE
GUTTER

< EAVES
GUTTER
ASSEMBLY



VIEW MORE DETAIL:

Scan the QR code to learn more
technical details on our website

INSULATED & MEMBRANE LINED GUTTERS

Our insulated and membrane gutter systems are designed to deliver enhanced thermal performance, improved condensation control, and long-term waterproofing for modern industrial and commercial buildings.

By combining structural strength with advanced materials, these systems provide a reliable and durable solution for roof drainage in more demanding environments.

Insulated gutters are constructed using an internal liner sheet, high-performance rigid foam insulation, and a galvanised steel outer gutter, creating a thermally efficient build-up that helps minimise cold bridging and reduce the risk of condensation.

This makes them particularly suitable for buildings where internal climate control is important.

For additional protection, our membrane-lined gutters incorporate the Tata Aquatite system, offering a fully sealed, flexible waterproof barrier. This ensures excellent resistance to standing water and significantly reduces the risk of leaks over time.

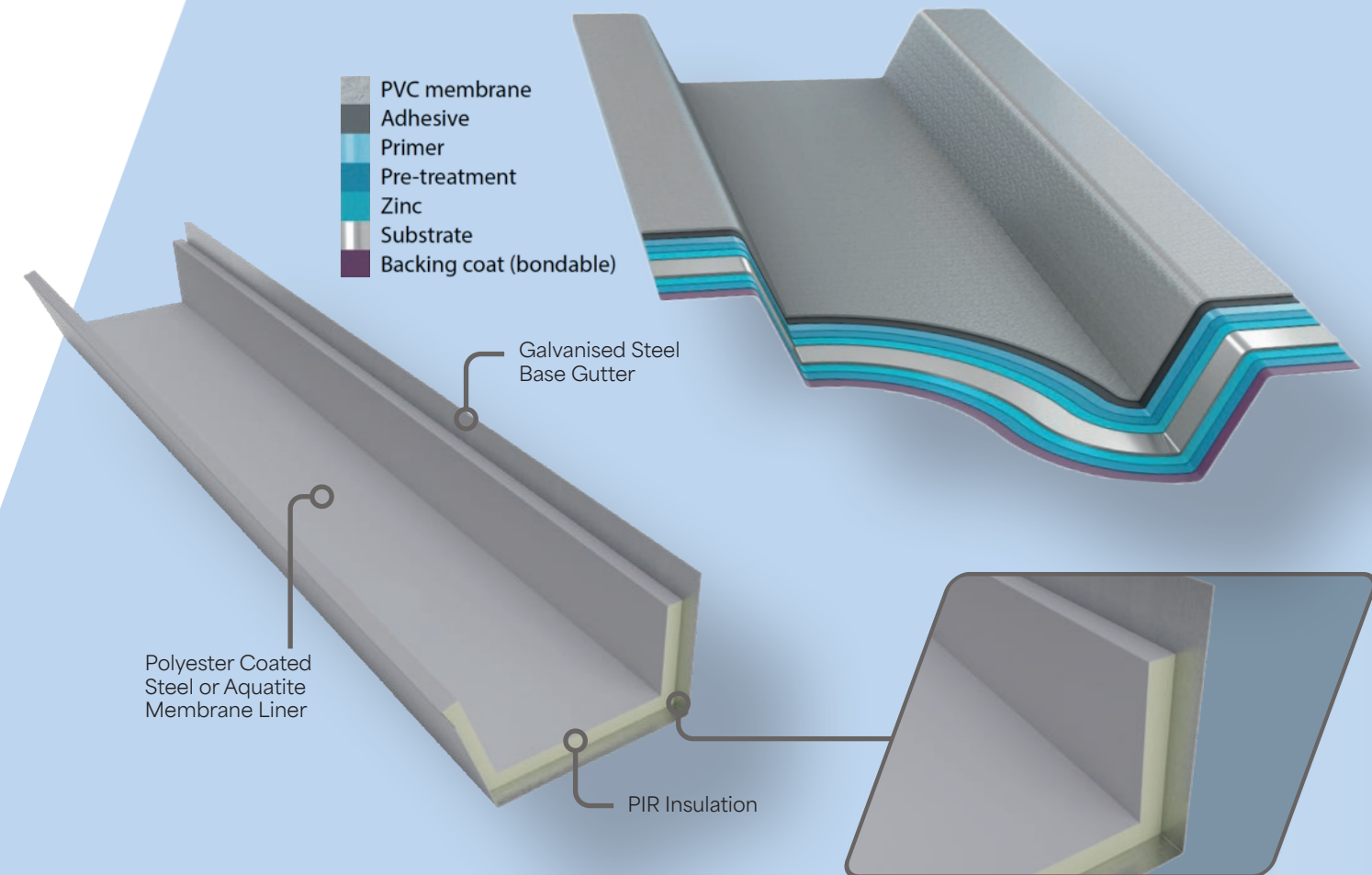
INSULATED GUTTER SYSTEMS.

Our insulated gutter systems are designed to enhance the thermal performance of the building envelope at the roof edge—one of the most critical areas for heat loss and condensation risk.

By incorporating insulation within the gutter construction, these systems help maintain internal environmental conditions while ensuring effective rainwater drainage.

The gutter build-up typically consists of an internal liner sheet, a layer of high-performance rigid PIR (Polyisocyanurate) insulation, and a galvanised steel outer gutter.

This composite construction reduces thermal bridging at the eaves and helps prevent cold spots forming within the building.



TYPICAL APPLICATIONS.

Insulated gutters are particularly suited to buildings where temperature control, hygiene, or moisture management are critical:

- › Cold storage and chilled distribution facilities
- › Food production and processing plants
- › Pharmaceutical and clean environments
- › High-specification industrial and commercial buildings
- › Any application where condensation risk must be minimised

INTEGRATION WITH MEMBRANE SYSTEMS.

Insulated gutters can also be combined with membrane linings, such as Tata Aquatite, to provide an additional waterproof barrier where required. This allows systems to be tailored to meet both thermal and waterproofing performance demands.



VIEW MORE DETAIL:

Scan the QR code to learn more technical details on our website

PLASTIC GUTTERS

Our plastic gutter systems offer a lightweight, low-maintenance option for effective roof drainage. Available from stock in popular sizes and colours, they are quick to install and built to perform.

We supply a comprehensive range of PVC rainwater goods in 115mm and 170mm half-round profiles. Stocked in both black and grey, these systems include everything required to complete an installation, from stop ends and running outlets to downpipes and brackets.

Designed to move water away from the roof quickly and reliably, our PVC systems are suitable for a wide range of buildings. They are simple to handle on site, easy to fit and provide a cost-effective alternative to metal rainwater systems.

For projects that demand something different, we can also manufacture bespoke folded metal gutters to order.

Our team is available to advise on the most suitable specification and help calculate the system capacity you need for your building.

DEEPSTYLE 115mm

DEEPSTYLE 170mm



VIEW MORE DETAIL:

Scan the QR code to learn more technical details on our website



PURLINS & SECTIONS

Structural sections **engineered for strength and reliability.**

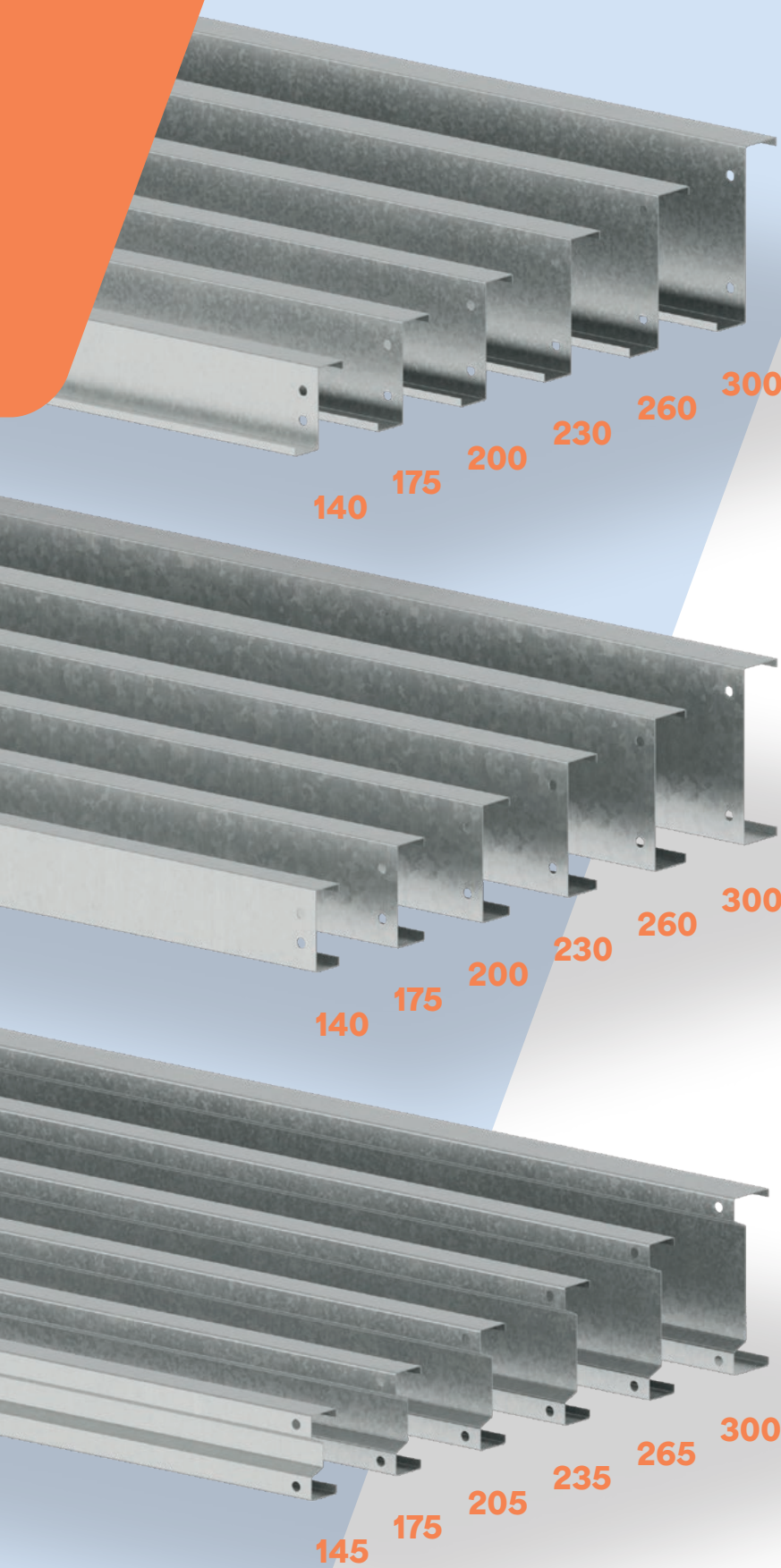
Our purlins and sections provide the strength and reliability needed for modern steel buildings. We manufacture a full range of Z, C, Eaves and Sigma sections, produced to order and backed by rigorous quality standards.



Available from 100mm to 400mm in depth and 1.2mm to 3mm in thickness, our sections can be produced to standard sizes or customised to match existing systems. With full punching options and bespoke designs available, we make sure you get exactly what your project requires.

All purlins and sections are manufactured from pre-hot dipped galvanised steel with a minimum yield of 450N/mm², coated to Z275. Load calculations are based on physical testing in line with SCI standards, and every product is fully traceable for complete peace of mind.

Speak to our team about how we can help with your next project.



Z SECTION

Highly versatile section. Used in roof and wall applications. Sleeved design can reduce requirement for larger or thicker sections.

- > **Minimum length:** 800mm
- > **Maximum length:** 15000mm
- > **Available gauges:** 1.2mm, 1.6mm, 1.8mm, 2.0mm, 2.5mm, 3.0mm

C SECTION

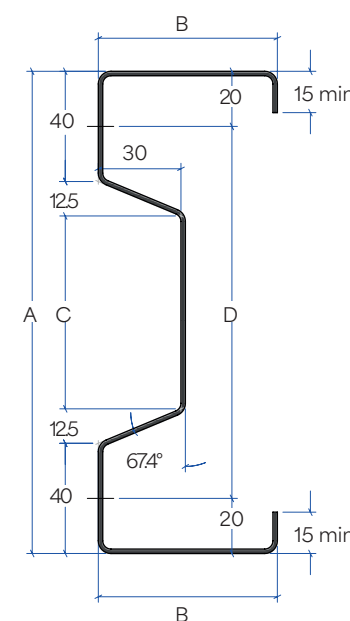
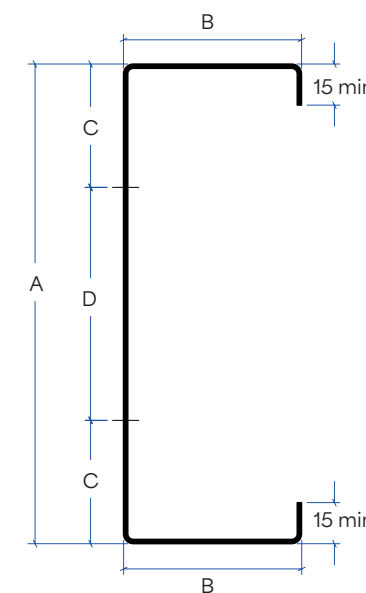
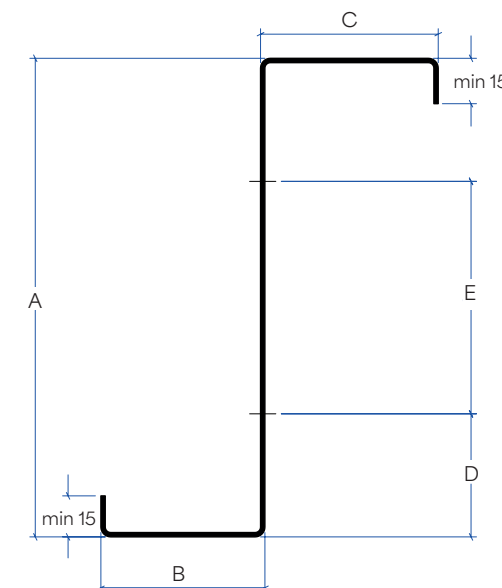
Primarily used in rail and mezzanine applications but also provide a more convenient section for creating apertures and other wall features.

- > **Minimum length:** 800mm
- > **Maximum length:** 15000mm
- > **Available gauges:** 1.2mm, 1.6mm, 1.8mm, 2.0mm, 2.5mm, 3.0mm

SIGMA SECTION

Used in roof and wall applications. Additional strength is provided by the deep recess design.

- > **Minimum length:** 800mm
- > **Maximum length:** 15000mm
- > **Available gauges:** 1.2mm, 1.6mm, 1.8mm, 2.0mm, 2.5mm, 3.0mm



Z Section Series	Web	Bottom Flange	Top Flange	Lower Hole	Hole Centres
A	B	C	D	E	
140	140	55	65	45	50
175	175	55	65	45	85
200	200	65	75	45	110
230	230	70	80	45	140
260	260	75	85	45	170
300	300	80	90	55	190

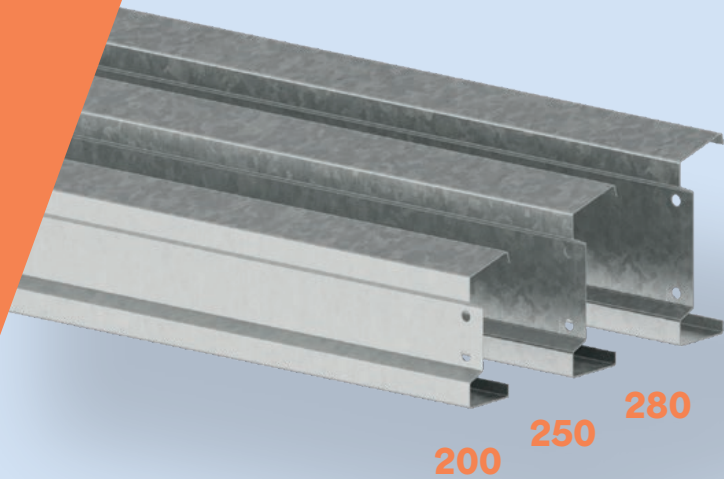
C Section Series	Web	Bottom Flange	Lower Hole	Hole Centres
A	B	C	D	
140	140	60	45	50
175	175	65	45	85
200	200	70	45	110
230	230	75	45	140
260	260	80	45	170
300	300	85	55	190

Sigma Series	Web	Flange	Recess Height	Hole Centres
A	B	C	D	
145	145	65	105	40
175	175	65	135	70
205	205	65	165	100
235	235	65	195	130
265	265	65	225	160
300	300	90	260	195



VIEW MORE DETAIL:

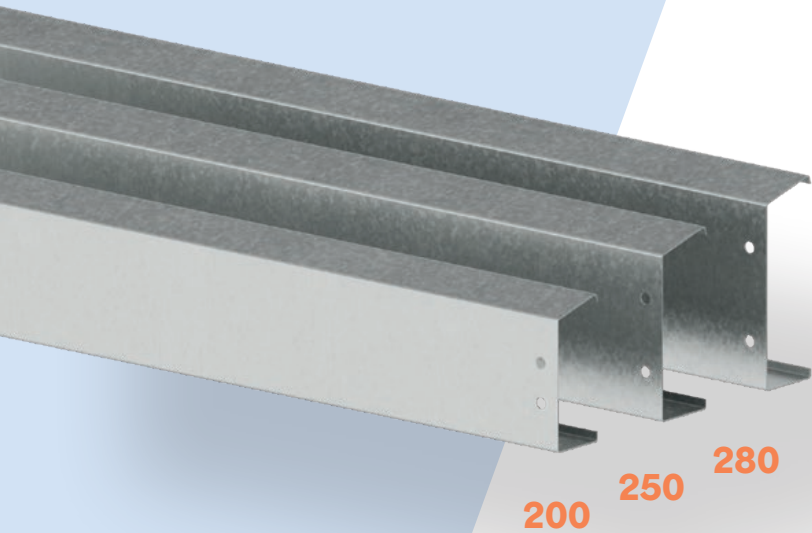
Scan the QR code to learn more technical details on our website



RECESSED EAVES BEAM

As with the Sigma series section, the TPP Recessed Eaves Beam has a deeper inset than industry standard. This produces a very strong support for roof and wall cladding in a smaller web section.

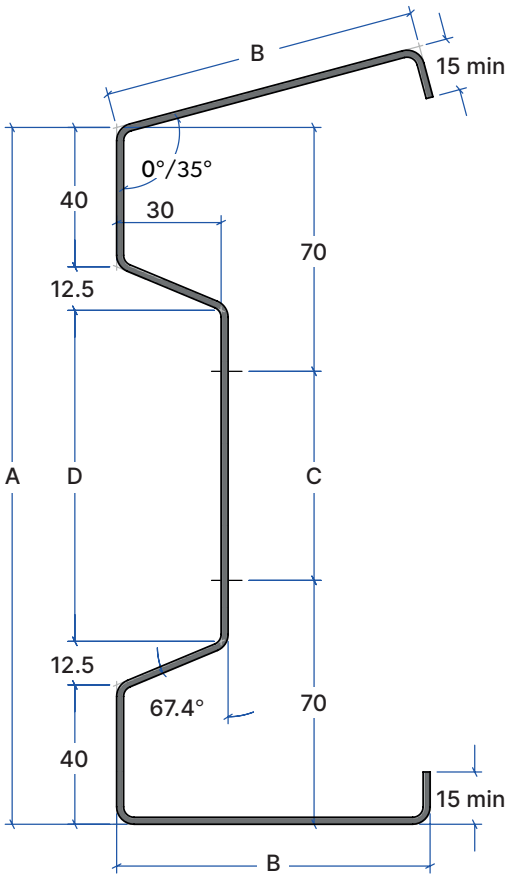
- > **Minimum length:** 800mm
- > **Maximum length:** 15000mm
- > **Available gauges:** 1.6mm, 1.8mm, 2.0mm, 2.5mm, 3.0mm



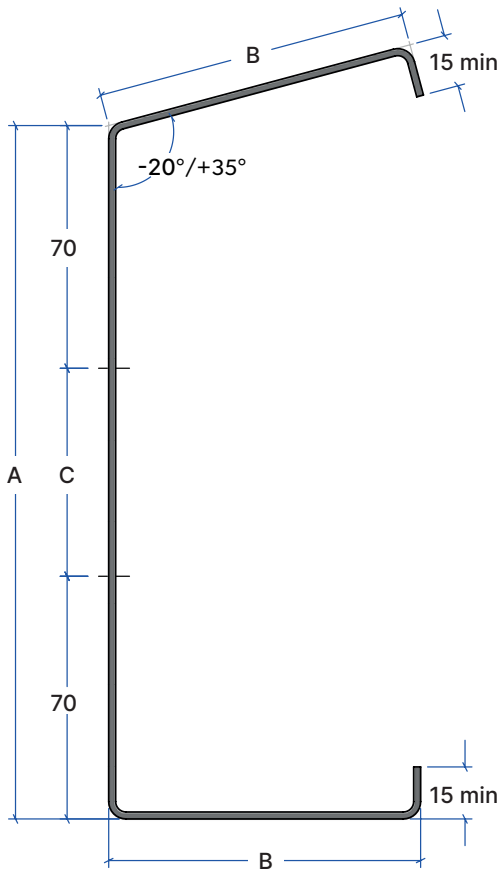
FLAT EAVES BEAM

The TPP Flat Eaves Beam has more punching and manufacturing options than its Recessed counterpart. Counterformed holes and the possibility of a negative pitch on the top flange make this a very good choice for monopitch structures but equally as suitable on duopitch roofs.

- > **Minimum length:** 800mm
- > **Maximum length:** 15000mm
- > **Available gauges:** 1.6mm, 1.8mm, 2.0mm, 2.5mm, 3.0mm



Eaves Series	Web	Flange	Hole Centres	Recess Height
	A	B	C	D
200	200	90	60	95
250	250	100	110	145
280	280	100	140	175



Eaves Series	Web	Flange	Hole Centres
	A	B	C
200	200	90	60
250	250	100	110
280	280	100	140



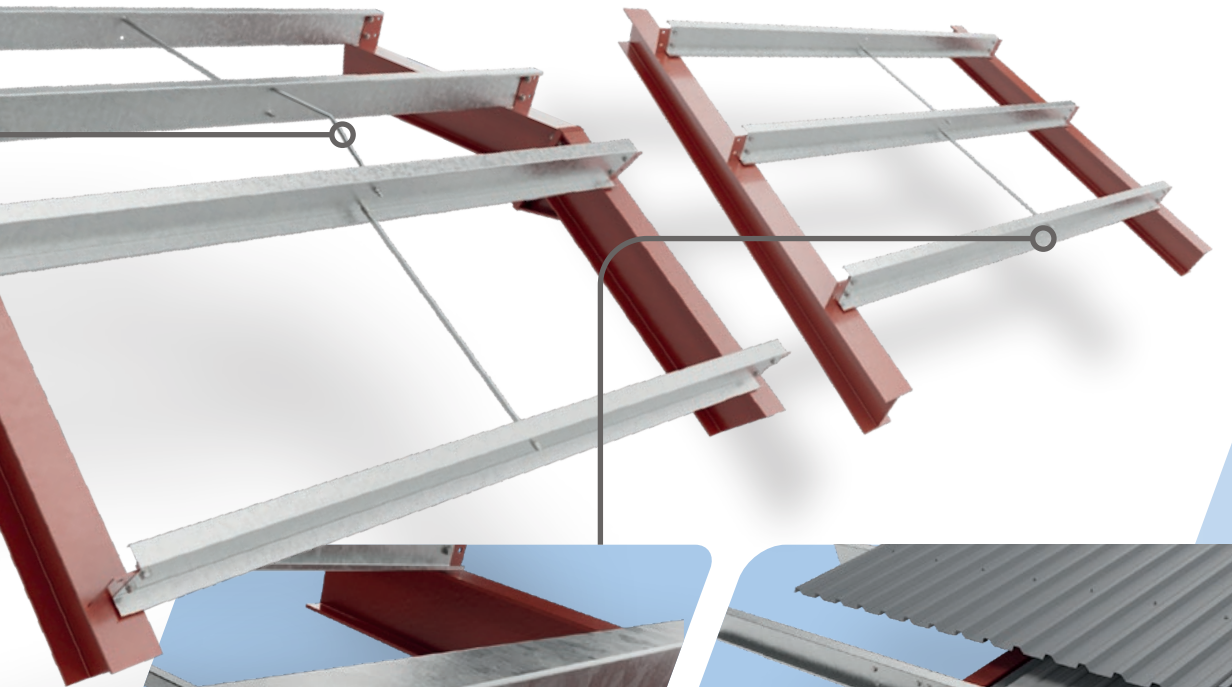
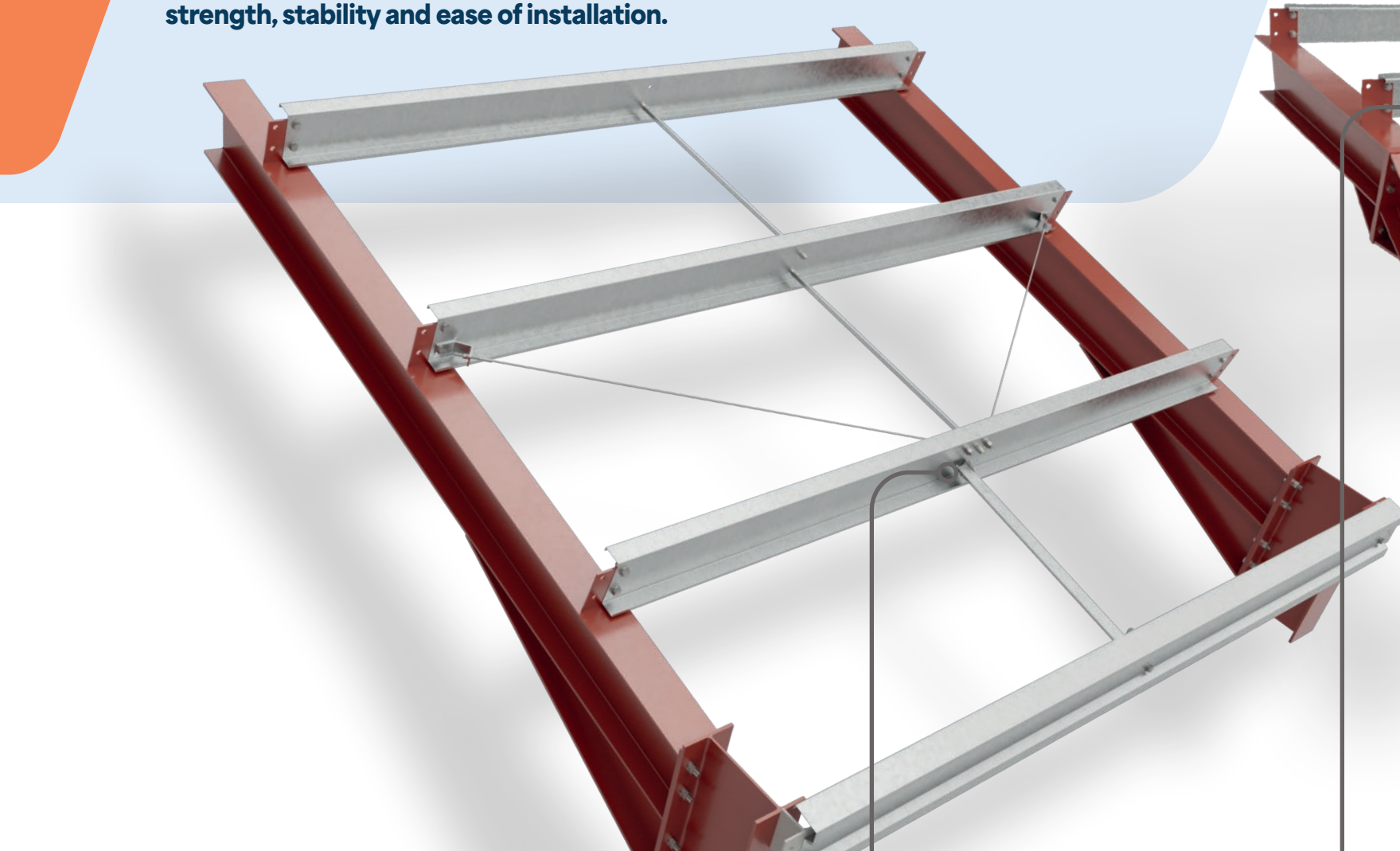
VIEW MORE DETAIL:
Scan the QR code to learn more technical details on our website

ROOF SYSTEMS

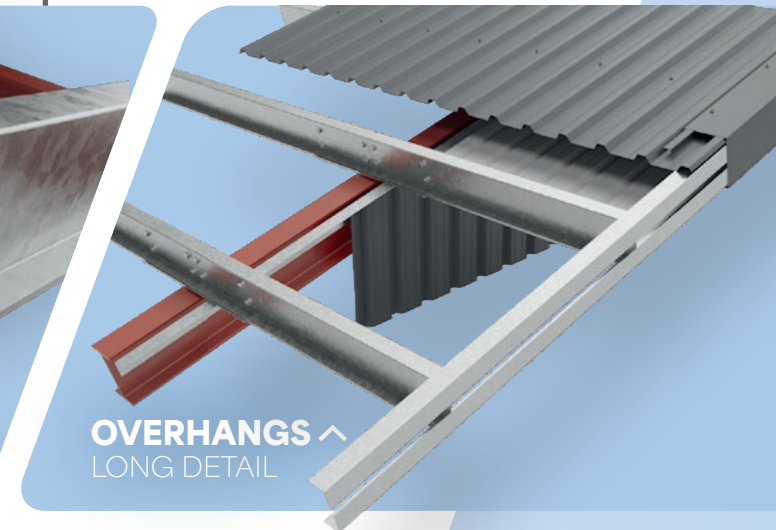
Our roof purlin systems are designed to provide strength, stability and ease of installation.

✓ APEX TIES

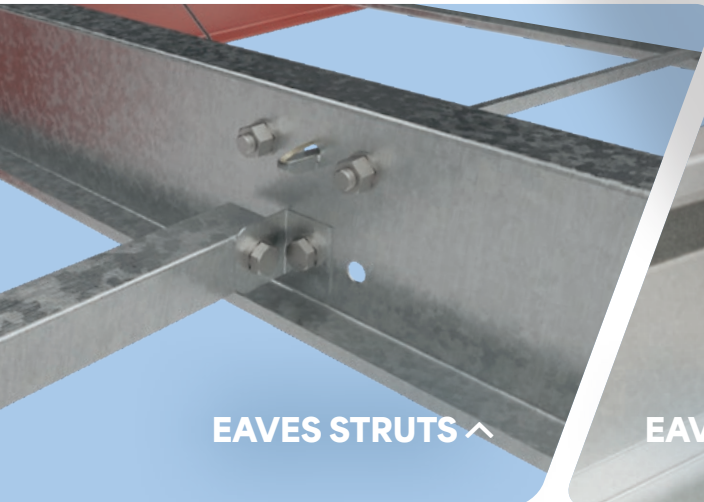
✓ ANTI-SAG BARS



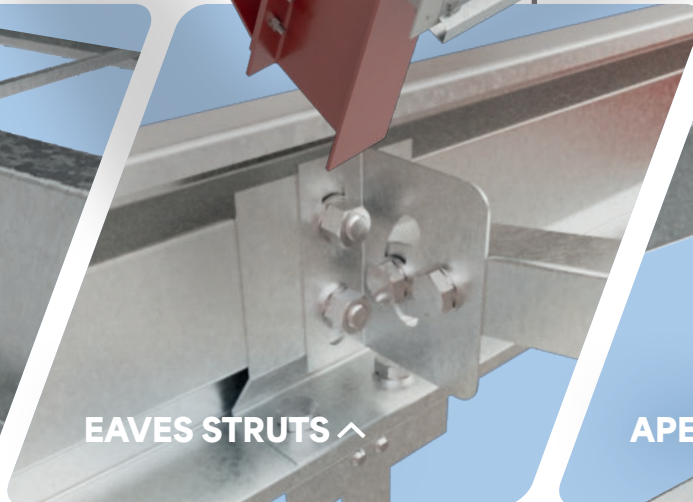
ANTI-SAG BARS ^



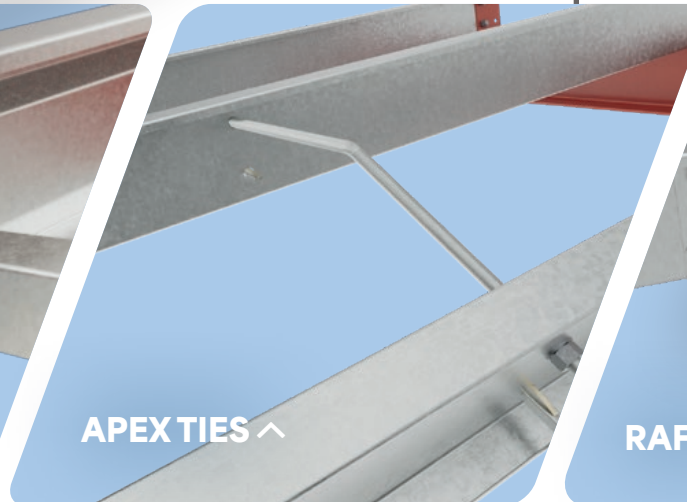
OVERHANGS ^
LONG DETAIL



EAVES STRUTS ^



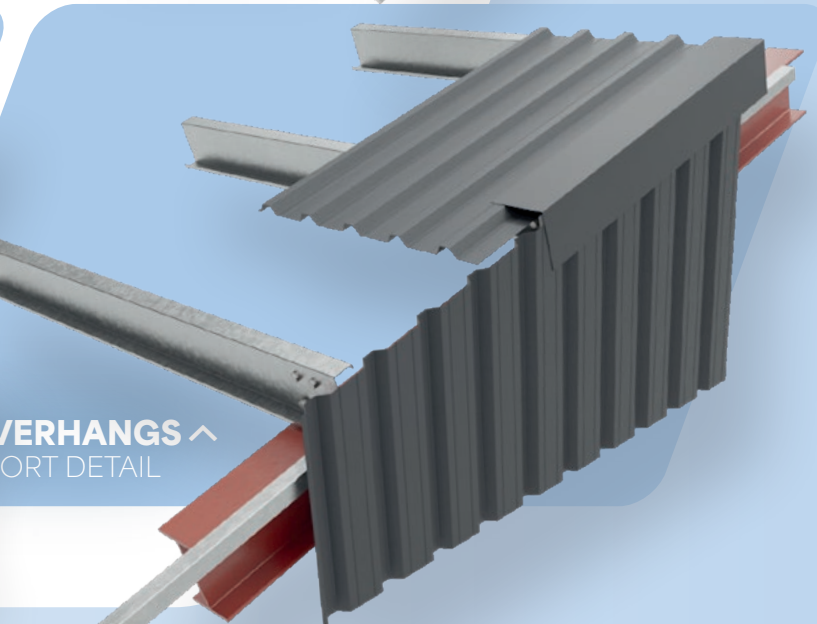
EAVES STRUTS ^



APEX TIES ^



RAFTER STAYS ^



OVERHANGS ^
SHORT DETAIL



VIEW MORE DETAIL:

Scan the QR code to learn more technical details on our website

WALL SYSTEMS

Our wall systems are designed to provide strength, stability and flexibility in construction. Manufactured to order in a range of section types, they ensure reliable performance and ease of installation.



WALL SUPPORT >
SYSTEM



EAVES SUPPORT



WIRE TIES



SIDE RAIL SUPPORTS



VIEW MORE DETAIL:

Scan the QR code to learn more technical details on our website



MEZZANINE SYSTEMS.

Our mezzanine systems use cold-rolled steel sections to create strong, adaptable frameworks. Produced to precise specifications, they are ideal for additional floor space and load-bearing structures. We offer inset and oversail systems in C or Sigma Section with a full range of supporting cleats. We can also offer technical assistance for layout and specification.

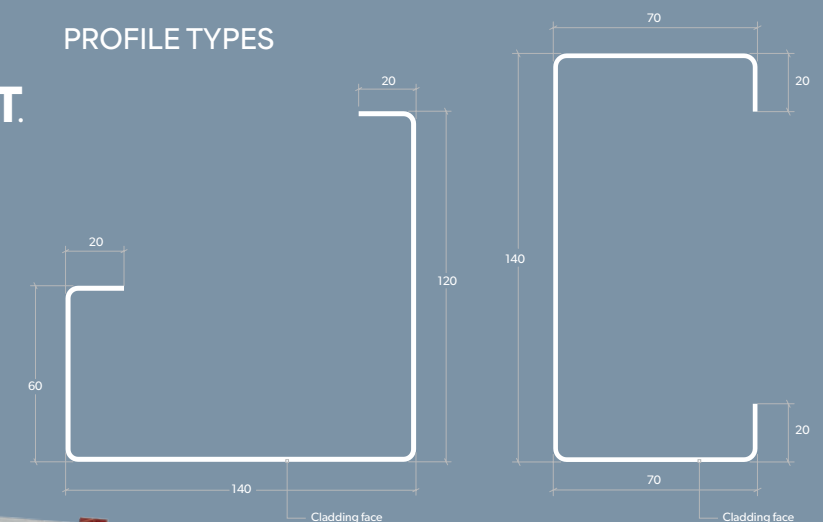
PURLINS & SECTIONS: horizontal cladding support

HORIZONTAL CLADDING SUPPORT.

Our HCS system delivers a complete solution, offering a robust yet easy-to-install platform that integrates seamlessly with the standard range of main rails.

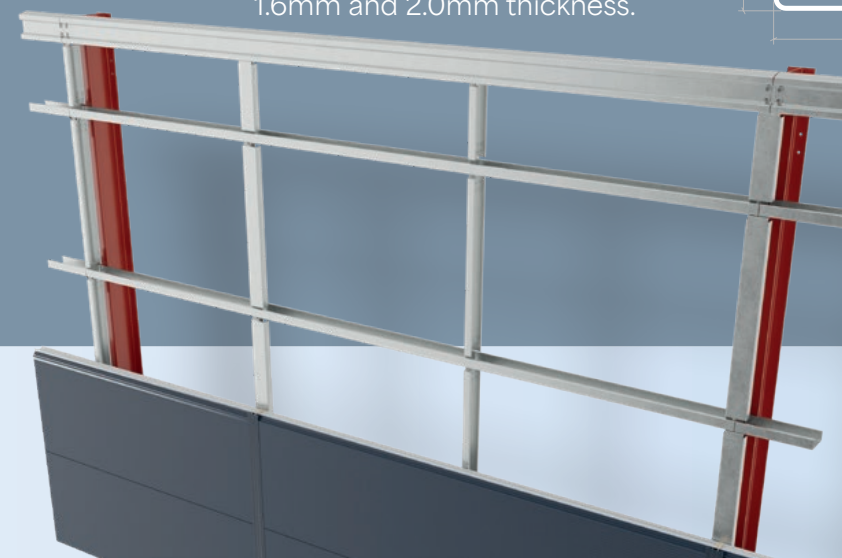
PJR (Panel Joint Rails) and PSR (Panel Span Rails) are available in 1.6mm and 2.0mm thickness.

PROFILE TYPES



PJR PROFILE

PANEL SPAN RAIL



FASTENERS & SEALANTS

Fixings and sealants **designed to complete the system.**

Thomas Panels and Profiles supplies a full range of construction and cladding fixings to complete your project. From tec screws and bolts to sealants and tapes, we provide everything needed to complement our panels, profiles, purlins and sections. All products are selected for performance and reliability, making installation secure and straightforward.

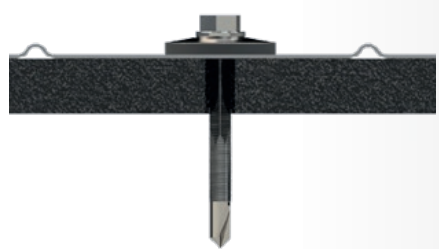
TIMBER SECTION



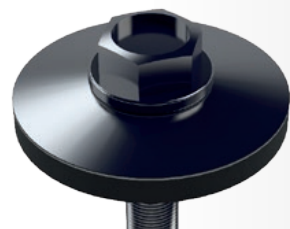
LIGHT SECTION



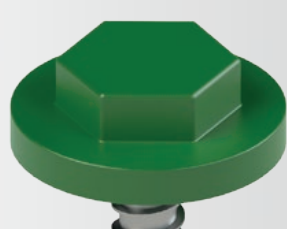
HEAVY SECTION



PAINTED HEAD



PLASTIC HEAD



MOULDED HEAD



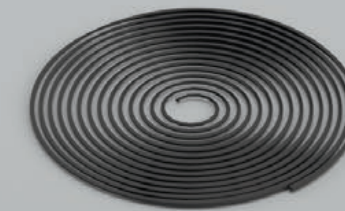
PROFIED
FOAM FILLERS



SELF DRILLING
FASTENERS



BUTYL TAPE



TUBE
SEALANT

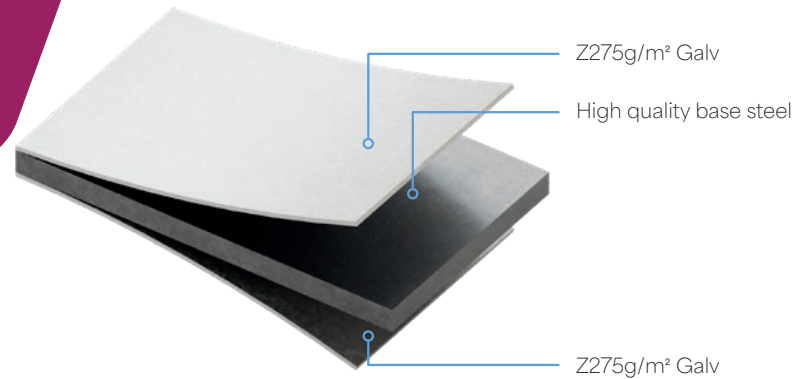


VIEW MORE DETAIL:

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COATINGS AND COLOURS TO SUIT EVERY APPLICATION.

We offer a wide range of coatings and colours across our full product range. Options include galvanised, polyester and plastisol finishes, each with its own benefits and lifespan. For full details of available colours and specifications, please visit our website or speak to our team.



GALVANISED

We use a high quality base steel for all of our manufactured products. This is then hot-dip galvanised with a Z275g/m² coating to ensure longevity of the foundation material. You can expect sheets and flashings of this material to last approximately 10 years. This galvanised base layer is available in a range of thicknesses depending on the requirement.

PLASTISOL

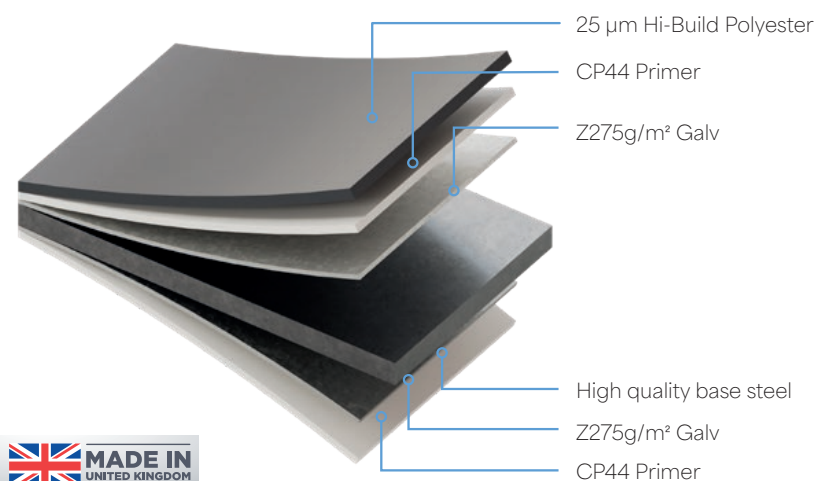
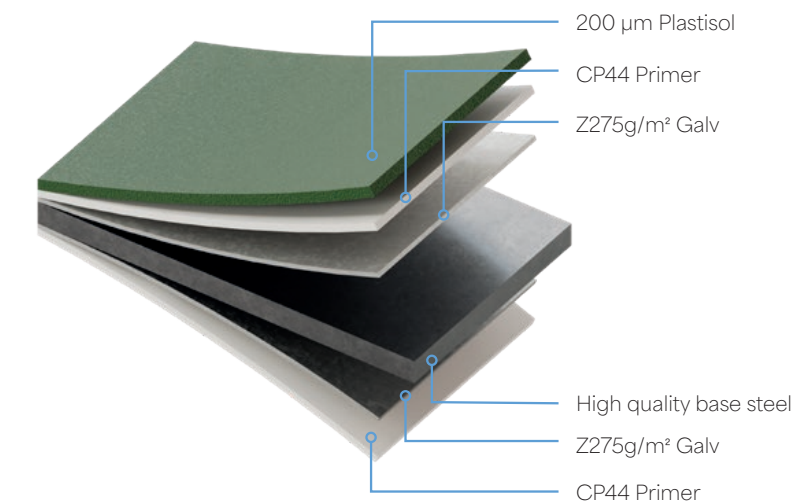
Plastisol is a widely used coating in building applications, valued for its durability, wide range of colours, and low maintenance. The top coat is a 200µm embossed layer of chemically stable PVC, providing both appearance and weather resistance. Beneath this is a light grey alkyd polyester primer that ensures strong adhesion.

An optional underside Plastisol coating can be applied for extra protection in harsh environments. This requires a minimum of 3 weeks' notice and 1,500m² minimum order.

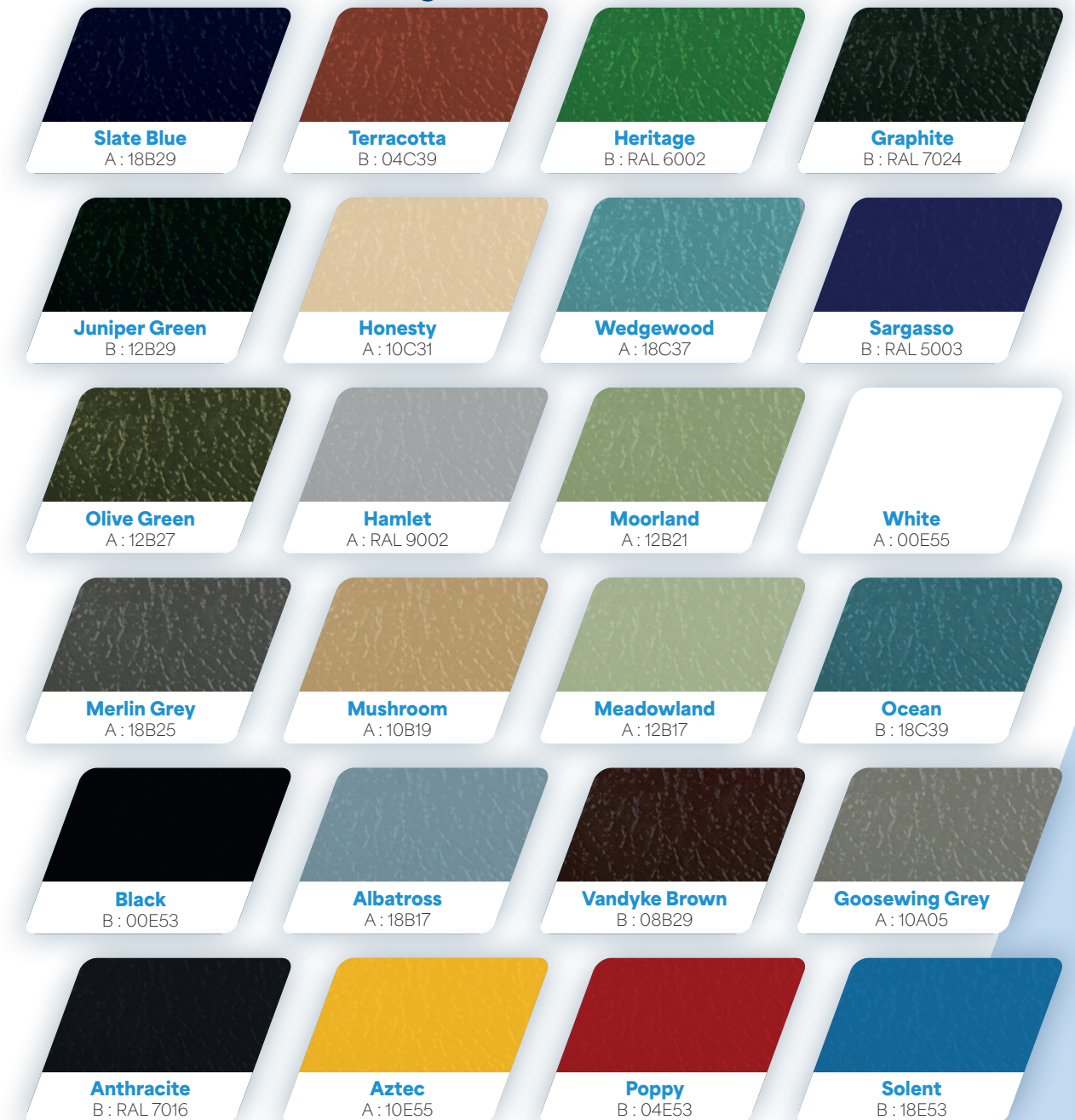
The coating's lifespan depends on location, colour, and maintenance: approximately 25 years for inland areas with lighter colours, and around 15 years for coastal areas with darker shades.

POLYESTER

Polyester coated materials use the same Z275 galvanised substrate and alkyd primer as the Plastisol materials but are then coated with a 25µm Polyester paint. Mostly used in agricultural applications due to the complimentary colour range and stability in non-aggressive environments. This coating can be expected to last up to 10 years before first maintenance is required, if properly maintained, this time can be extended.



Plastisol Colour Range



Polyester Colour Range



VIEW MORE DETAIL:

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THOMAS SERVICE YOU CAN RELY ON

ORDERING - A STRAIGHTFORWARD PROCESS.

When you order from Thomas Panels and Profiles, you deal with people who know the trade. Our team will take the time to understand what you need and give clear, practical advice on our full product range.

Expert support and one of the widest ranges in the UK

With one of the largest product ranges in the UK, we can supply everything from standard sheet lengths to bespoke flashings, all checked and confirmed before production.

Every order is handled with care, clear processes, rigorous checks and the same high standards for every customer, large or small.

Talk to us

Call **01568 610000** or email enquiries@panelsandprofiles.co.uk to get started

Expert Advice:
National Sales



DELIVERY - FAST, RELIABLE NATIONWIDE.

We deliver across the UK using our own fleet of vehicles and trusted logistics partners.

Whether you're local or further afield, you can count on your order arriving on time and in excellent condition.

We operate scheduled delivery days for different postcode areas, and our team will confirm the exact date when your order is booked into production.

Delivery lead times and charges vary depending on your order size and location. Our sales team will confirm everything upfront.

From profiles to purlins,
**everything is
made in-house and
supplied to your
specification.**



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Built on knowledge, **made to last.**

Contact Us:

We're here to help.

t 01568 610000

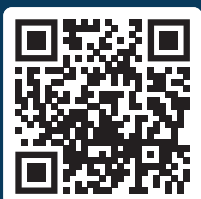
e enquiries@panelsandprofiles.co.uk

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www.panelsandprofiles.co.uk