



EasySeam® Roof, Integrated Solar PV and Wall Systems

Contemporary, robust and durable solutions that are quick and easy to install



About Vertix[®] Systems

Based in Newport, South Wales, Vertix Systems manufactures a range of metal standing seam systems for roof and wall applications, including an integrated Solar PV solution. Vertix EasySeam Roof, Wall and Solar Systems come with quality, durability and sustainability built in and are backed up with expert technical support and responsive customer service. They are the ideal choice for new and refurbishment projects and are suited to a wide range of building applications which include residential, commercial, education, healthcare and leisure.

Why choose us?

Expert technical support

Vertix Systems has a professional team with over 17 years experience in the metal standing seam market, extensive steel roof and wall cladding experience and Solar PV expertise. We can offer outstanding technical support and are on hand to provide advice and guidance to help ensure you get the very best roof and wall solution for your needs and aesthetic requirements.

Our expert team can help with:-

- Material selection.
- Detailing for specific areas such as windows, flues, eaves, verges, soffits and fascias.
- Renewable energy optimisation.
- Insulation build-ups to achieve specific U value ratings.
- Condensation risk analysis.
- Installation advice.
- Other specific technical questions you have.

EasySeam Installation Training

1 day practical training course for those using Vertix EasySeam Roof and/or Wall Systems for their building project.



Quick and responsive service

We know that building projects can be challenging and our aim is to make specifying and buying EasySeam Roof and Wall and Solar Systems as easy as possible. Our lead time for manufacture can be as little as 2-3 weeks from order placement on stocked colours. If your project requires additional items or replacements, the team will prioritise your request once the order has been received to avoid/minimise any delays in your project.

Delivery & Logistics

We can provide delivery to any location in the United Kingdom. Depending on your project size, we provide flexibility in our delivery service to accommodate phased deliveries, aligned with your installation schedule. If you are local or have access issues at your site, you can arrange to collect your order directly from our production facility in Newport.

Certified Management Systems

Our management systems are certified to ISO 9001, ISO 14001 and ISO 45001, demonstrating quality, environmental responsibility and workplace safety excellence.



Choice of material supplier

Depending on building application, we can offer pre-finished steel material from Tata Steel and SSAB, giving you the option to select the finish of your choice. We stock the most popular colours and can order additional colours from their standard colour cards on request.

For individual residential dwellings or homes, we exclusively supply Tata Steel Colorcoat[®] branded products; Colorcoat Prisma[®] and Colorcoat HPS200 Ultra[®]. When used as part of a standing seam roof or wall cladding system for individual residential dwellings or homes in the UK and Ireland, both products benefit from the free 25 year Confidex[®] Home Guarantee issued directly to the homeowner by Tata Steel. In the unlikely event of a coating failure, Tata Steel can be contacted directly, meaning a prompt response in the event of a claim.

Range of profiles and widths

We offer a choice of 4 different standing seam profiles for roofs and 3 standing seam profiles and soffit plank for walls, all of which are available in 300mm and 500mm widths.

Full kit of parts

We know that every part of a roof and wall system from the smallest fixing to the breather membrane and ancillaries such as eaves, verge flashings and sealants play a key role in delivering a safe and robust solution that achieves the desired aesthetics. Vertex EasySeam Roof and Wall Cladding Systems are manufactured to order at our Monmouth site and include a kit of parts for ease of purchase and peace of mind. You also have the option to order soffits, fascias, gutters, and downpipes from Vertex Systems to complete your project and ensure every element works in harmony.

Sustainable design & manufacture

Vertex EasySeam Roof and Wall Systems are manufactured in Newport, South Wales, reducing transport miles and the carbon emissions associated with this.

Bill of Materials (BOM)

When you place an order, Vertex Systems will provide a full complimentary bill of materials (BOM) that identifies every part required for a given roof size, pitch and wall dimension, simplifying the order process.

Manufactured to BS EN 14783:2013

Vertex EasySeam Roof and Wall Cladding Systems are fully supported standing seam offerings, meaning they do not span between purlins. EN 14783 is the CE mark for this category of roof or wall cladding system, which needs to be installed on top of a hard surface.



Part of Resource group

We are proud to be part of the Resource group of businesses serving the construction sector.

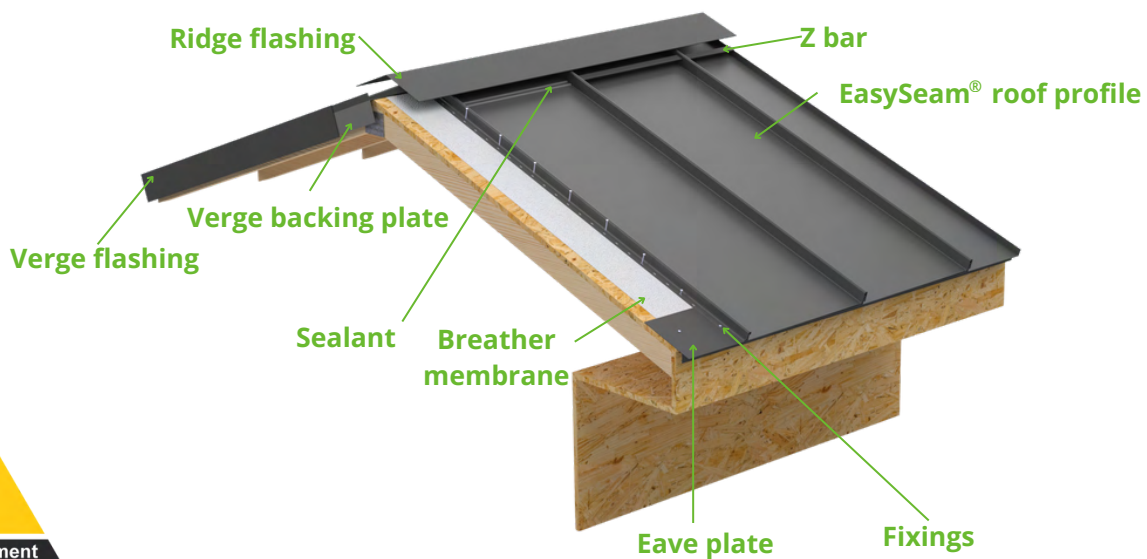
- Isoclad (insulated composite panels)
- Securiclad (high security modular panels)
- SIP Building Systems and SIPCO (structural insulated panels)
- EBD Doors (Commercial steel doors)



EasySeam[®] Roof System

EasySeam Standing Seam Roof System offers a contemporary, robust, high-quality solution. It uses a metal standing seam profile to offer a durable solution that's quick and easy to install.

Offered as a complete kit of parts, EasySeam Roof System includes breather membrane, ridge, eaves and verge flashings, fixings and sealant, ensuring you get the very best aesthetics and quality for your whole roof.



Key features

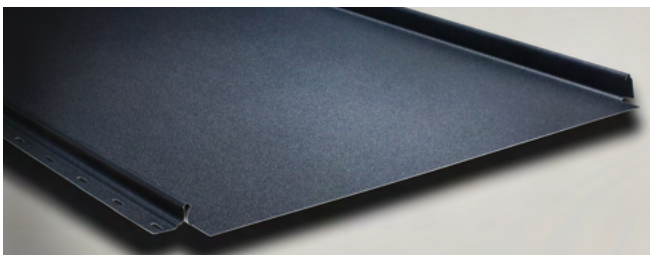
- Engineered system that is manufactured to order, reducing onsite waste.
- 4 different EasySeam profiles, each with a 25mm high seam.
- Available in a choice of pre-finished steel options and colours, depending on building application; Tata Steel Colorcoat HPS200 Ultra[®] and Colorcoat Prisma[®]; SSAB Greencoat[®] Pural BT.
- Suitable for roof pitches between 5 and 45°.
- Available in 300mm and 500mm widths.
- Up to 12.5 metre lengths available.
- Snap and lock system enables quick and easy installation.
- Notches and tabs at both ends of the profile allow the seam to be sealed from the elements.
- Profiles can be laid firmly onto 18mm Oriented Strand Board (OSB) 3 on top of a breathable membrane, with no requirement for additional brackets.
- Fixings are hidden by the adjacent profile, delivering a stylish and sleek appearance that is typical of a standing seam roof.
- Up to 7x lighter than roof tiles, improving site handleability and reducing final roof weight.
- Suitable for integration with renewable technologies including Photovoltaics.
- Compatible with rainwater harvesting systems.
- Matching soffits and facias available.
- Achieves BRoof (t4) fire rating.
- CE marked to EN14783.
- KIWA BDA Agreement certified.

EasySeam[®] profiles

EasySeam Roof System is available in 4 different profiles, each with a 25mm high seam to suit different aesthetic requirements and wind exposure levels.

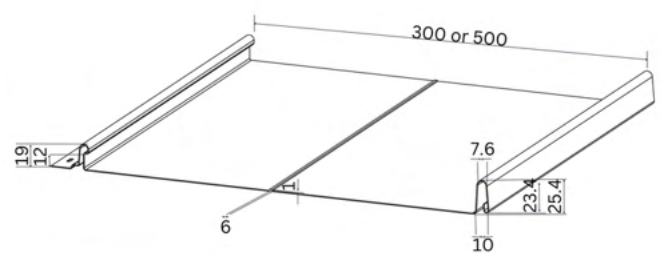
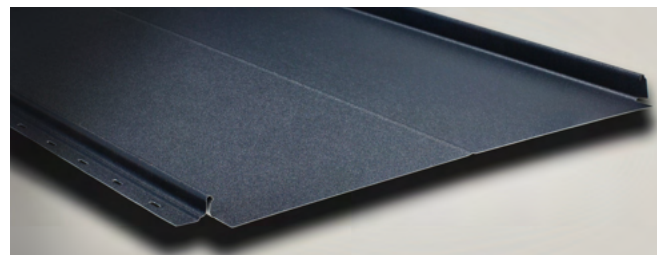
EasySeam[®] Flat Profile

Available in 2 widths 300mm and 500mm. Narrower width uses 50% more fixings and is particularly suited to exposed areas and to help minimise drumming.



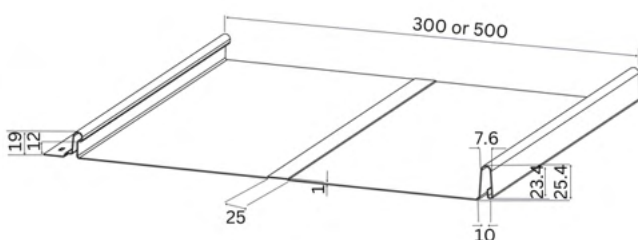
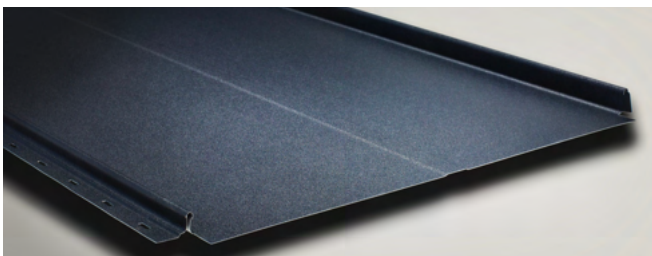
EasySeam[®] Single Pencil Profile

Available in 300mm and 500mm width profiles with a central 2mm upstand.



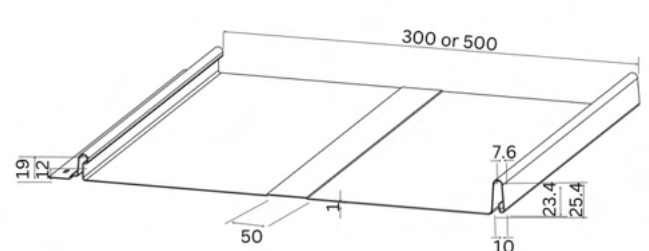
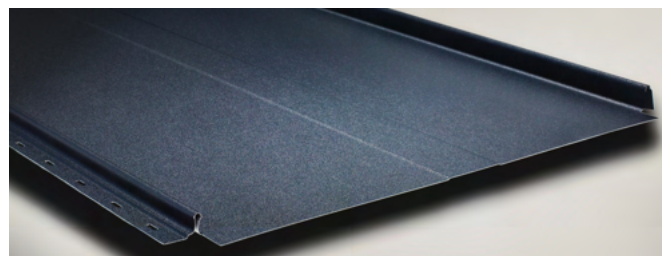
EasySeam[®] Narrow Rib Profile

Available in 300mm and 500mm width profiles with a 25mm central rib.



EasySeam[®] Wide Rib Profile

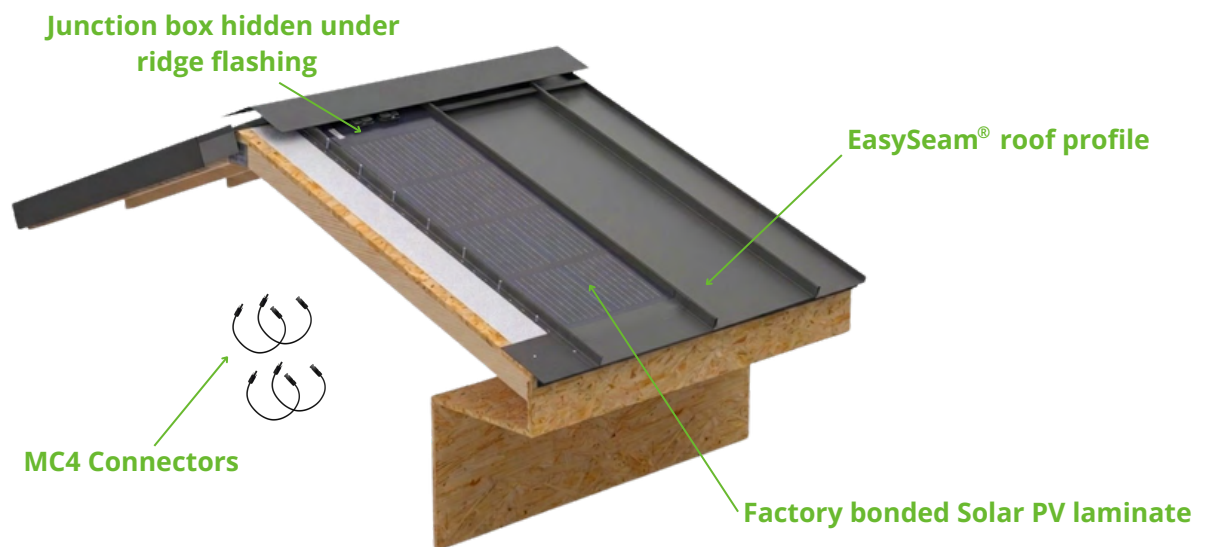
Available in 300mm and 500mm width profiles with a 50mm central rib which is particularly suited to more exposed areas and to help minimise drumming.



EasySeam[®] Solar System

Contemporary EasySeam Standing Seam Roof System and high-efficiency integrated Solar PV laminate modules combine seamlessly to create EasySeam Solar System, offering a renewable energy solution that enhances sustainability whilst complementing the building's design.

Offered as a kit of parts that includes EasySeam Roof panels with factory bonded Solar PV and junction boxes to meet the required KW output, as well as MC4 connectors. An MCS certified contractor is then only required post installation to connect up the system.



Key features

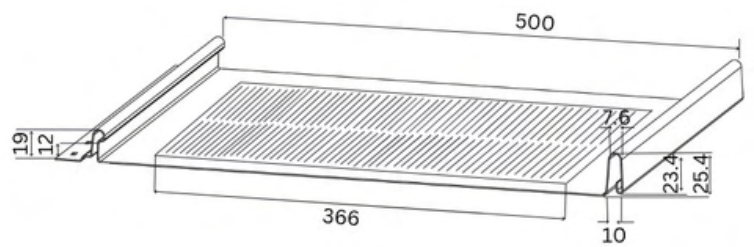
- Lightweight Solar PV laminate modules factory bonded to EasySeam Roof panels.
- Each panel is electrically tested before leaving Vertex Systems manufacturing site.
- Solar PV is available in a range of standard module lengths to meet required KW output.
- Fully installed weight of less than 11kg per square metre.
- Integrated PV laminate sits discretely within the pan of the EasySeam Roof panel.
- Solar PV laminate uses multiple bypass diode design to protect the solar modules and ensure they can work effectively in low light conditions and shaded areas.
- Uses MCS certified Solar PV laminate capable of achieving a minimum output of 146W/M².
- Integrated Solar PV certified to IEC 61215, IEC 61730-1 and IEC 61730-2.
- Has a cell efficiency of up to 24%.
- Solar PV laminate has a 10 year product warranty and 25 performance warranty. This guarantees minimum power output performance of 90% for the first 10 years and 80% for the following 15 years.
- Available with 25 year Confidex Home Guarantee from Tata Steel, covering appearance and durability of Colorcoat Prisma pre-finished steel used in System.
- Suitable for roof pitches between 5 and 45°.
- EasySeam Roof panels and Solar PV laminate are made in the UK.
- Tested in accordance with CEN:TS 1187, achieving B Roof (t4) rating for external fire performance of roofs and roof coverings.
- Solar PV laminate sourced from a WEEE registered producer (WEE/MM1397AA).

EasySeam[®] profile

EasySeam Solar System is available in a flat profile, with a 25mm high seam.

EasySeam[®] Flat Profile

Available in 500mm width with factory bonded 366mm integrated Solar PV module.

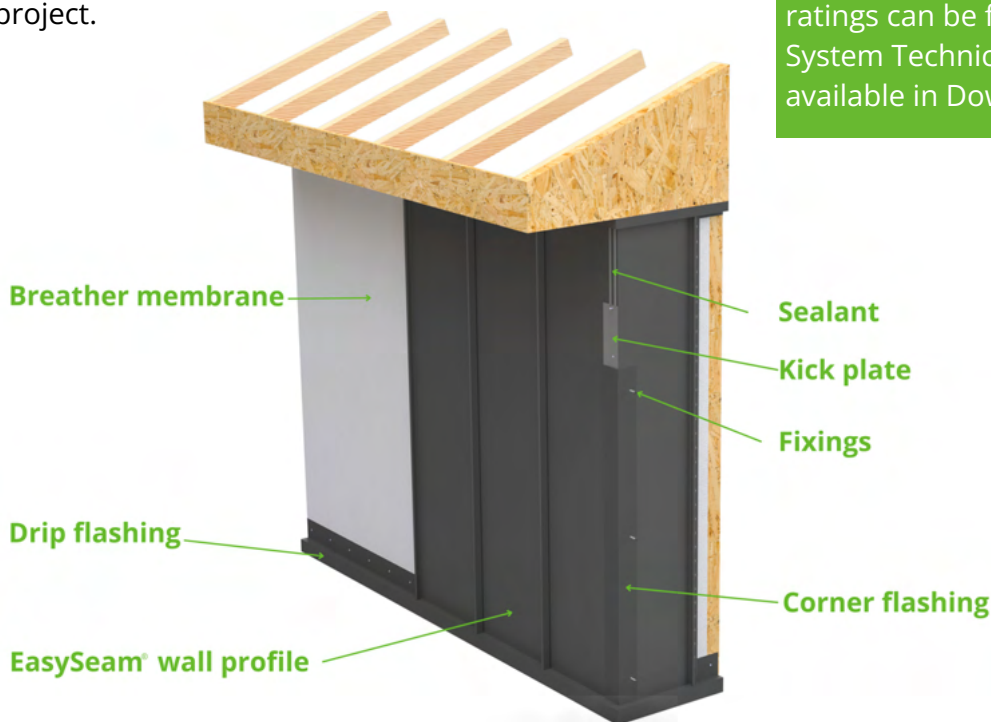


EasySeam[®] Wall Cladding System

EasySeam Wall Cladding System uses a metal standing seam profile to offer a robust and durable solution that's quick and easy to install. Offered as a complete kit of parts EasySeam Wall Cladding System includes breather membrane, corner and window flashings, fixings and sealant, ensuring you get the very best aesthetics and quality for your walling project.

Available as a standard build up, the EasySeam Wall Profile is supported by and fixed to an 18mm Oriented Strand Board (OSB) 3 and a breathable membrane. For improved fire performance, a galvanised steel deck can be used in place of the OSB board.

Information about different fire performance ratings can be found in Vertex EasySeam Wall System Technical & Installation Guide, available in Downloads area of website.



Key features

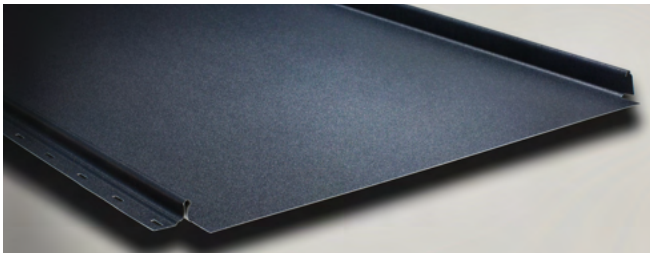
- Engineered system that is manufactured to order, reducing on site waste.
- 3 different EasySeam profiles, each with a 25mm high seam.
- Available in a choice of pre-finished steel options and colours, depending on building application; Tata Steel Colorcoat Prisma[®] and Colorcoat HPS200 Ultra[®]; SSAB Greencoat[®] Pural BT.
- Available in 300mm and 500mm widths.
- Up to 12.5 metre lengths available.
- Profiles can be laid horizontally or vertically to achieve a range of aesthetic effects.
- Snap and lock system enables quick and easy installation.
- Profiles can be laid firmly onto 18mm Oriented Strand Board (OSB) 3 or galvanised steel deck on top of a breathable membrane, with no requirement for additional brackets.
- Fixings are hidden by the adjacent profile, delivering a stylish and sleek appearance
- Can achieve A1 fire rating when supported by galvanised steel deck, using the linear approach with items tested separately.
- CE marked to EN14783.
- CWCT tested to verify it can reliably perform under specific stresses such as wind, rain and impact.

EasySeam[®] profiles

EasySeam Wall Cladding System is available in 3 different profiles, each with a 25mm high seam to suit different aesthetic requirements. A soffit board option is also available.

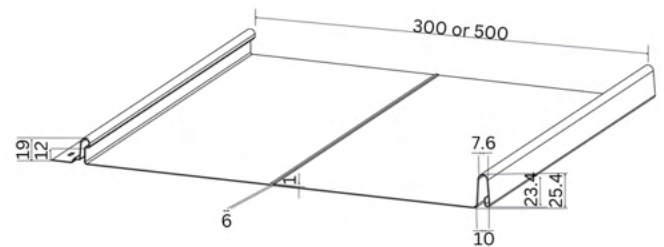
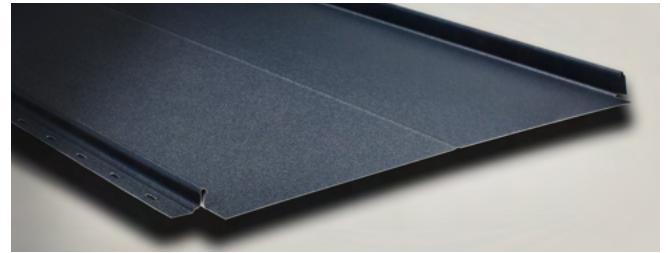
EasySeam[®] Flat Profile

Available in 2 widths 300mm and 500mm.



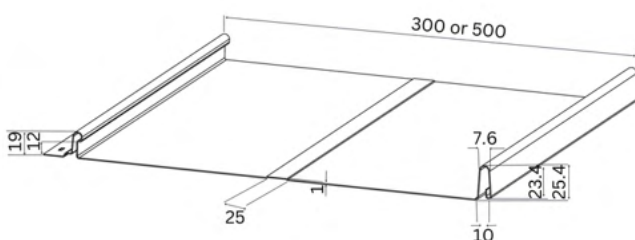
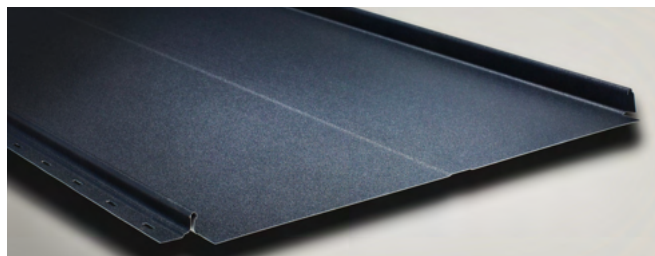
EasySeam[®] Single Pencil Profile

Available in 300mm and 500mm width profiles with a central 2mm upstand.



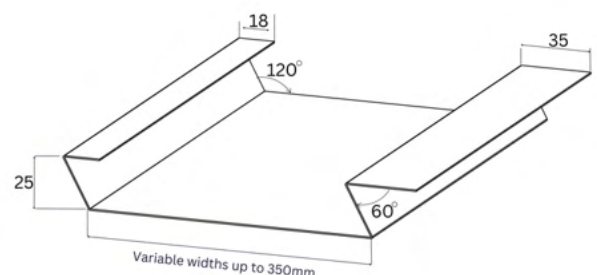
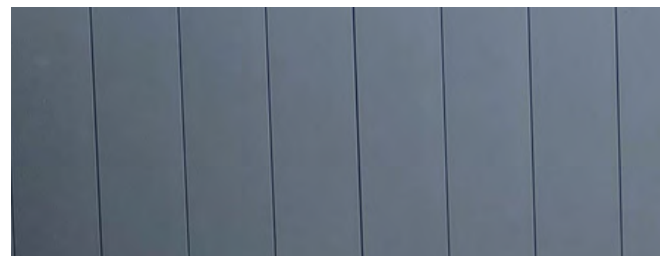
EasySeam[®] Narrow Rib Profile

Available in 300mm and 500mm width profiles with a 25mm central rib.



EasySeam[®] Soffit board

Can be used as wall cladding, laid horizontally or vertically. Available in widths between 100mm and 250mm.



EasySeam[®] System in Action





Main material option

Colorcoat[®] by Tata Steel

Colorcoat[®] has been manufacturing pre-finished steel products for 60 years and they are comprehensively tested and manufactured to the highest European standards. Extensively used for roofs and walls, applications include industrial warehouses, commercial buildings, schools, retail and leisure and residential applications.

Colorcoat Prisma[®]

The latest generation pre-finished steel product, three layer Colorcoat Prisma[®], utilises cutting edge clear coat technology to provide an optimised pre-finished steel product that pushes the boundaries of UV and corrosion performance. Enabling a wide range of contemporary aesthetic colours that are truly built to last.

- Meets the highest European standards Ruv5 and RC5+ as per EN 10169:2022 providing excellent colour and gloss retention and corrosion resistance.
- Optimised Galvalloy[®] metallic coating for ultimate corrosion resistance and cut edge protection.
- Wide range of Solid, Metallic and Matt Metallic shades.
- Independently tested for liberation of volatile organic compounds (VOC) against EN ISO 16000-9 and achieved an A+ rating.
- Fully REACH compliant & free of chromates including hexavalent chrome.

Vertix Systems can offer both Colorcoat Prisma[®] and Colorcoat HPS200 Ultra[®] options which are made in the UK. Depending on application, Colorcoat[®] branded products, Colorcoat Prisma[®] and Colorcoat HPS200 Ultra[®] are available with either the Confidex[®] Guarantee or Confidex[®] Home Guarantee.

- Made in the UK. Certified to BES 6001 Responsible Sourcing Standard.
- Robust and durable topcoat for easier handling and processing.
- Reverse side branding making traceability easy.
- Confidex[®] Guarantee for up to 40 years for the weatherside of industrial and commercial buildings when registered for online.
- Can be used under Photovoltaic (PV) frame modules with no reduction in guarantee length.
- Available with 25 year Confidex[®] Home Guarantee when used as part of a standing seam roof or wall cladding system for homes in the UK and Ireland and registered for online.



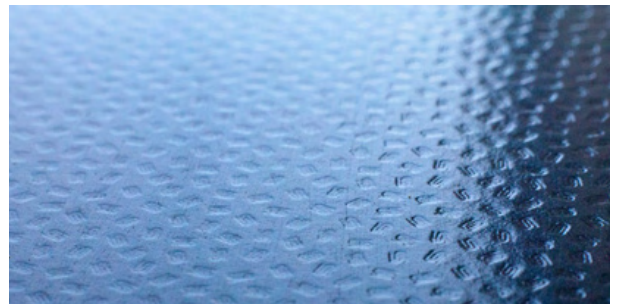
Available from Vertix Systems in Anthracite, Black, Slate Grey, Helios, Ephyra, Ariana, Sirius Matt, Orion Matt and Seren Oren with other colours available on request.

Colorcoat HPS200 Ultra®

Designed to withstand even the most demanding and aggressive environments, Colorcoat HPS200 Ultra® pre-finished steel provides super durability and corrosion resistance. This offers a sustainable solution for the building envelope where longevity and durability are imperative over the life of the building.

- Meets the requirements of Ruv4 and surpasses RC5+ as per EN 10169:2022 providing excellent colour and gloss retention and corrosion resistance.
- Optimised Galvalloy® metallic coating for exceptional corrosion resistance and cut edge protection.
- Scintilla emboss as a mark of authenticity from Tata Steel.
- Made in the UK and certified to BES 6001 Responsible Sourcing standard.

- Fully recyclable with full product traceability and REACH compliance.
- Up to 40 years Confidex® Guarantee for the weatherside of industrial and commercial buildings when registered for online.
- Can be used under mounted Solar PV with no reduction in guarantee length.
- 25 year Confidex® Home Guarantee available when used as part of a standing seam roof or wall cladding system for homes in the UK and Ireland.

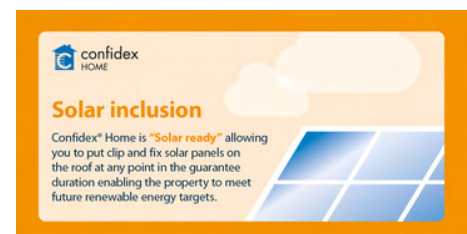


Available from Vertix Systems in Anthracite Matt, with other colours available on request.

Confidex® Home Guarantee

When used as part of a standing seam roof or wall cladding system for individual residential dwellings or homes in the UK and Ireland, Colorcoat Prisma® and Colorcoat HPS200 Ultra® benefit from the **free 25 year Confidex® Home Guarantee**.

Designed to provide homeowners and builders with added peace of mind, the Confidex® Home Guarantee is one of the most comprehensive guarantees available for pre-finished steel.



Other material options

Although Vertix Systems exclusively supplies Tata Steel Colorcoat[®] branded pre-finished steel products for individual residential projects, for other applications a choice of these products and SSAB GreenCoat[®] Pural BT are available.

SSAB GreenCoat[®]

GreenCoat[®] pre-finished steels are the sustainable solution for durable roofs, facades and rainwater systems. Colours and appearance are inspired by Nordic nature and products are optimised for weathering.

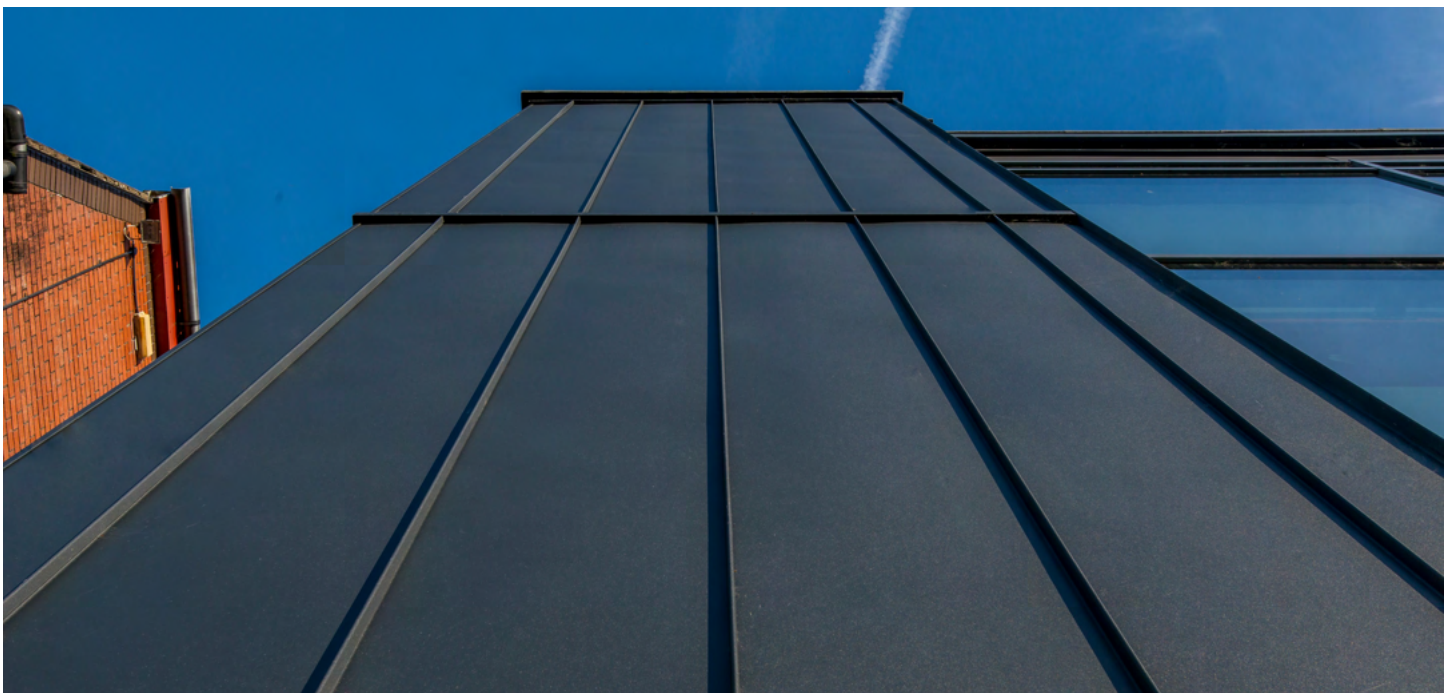
GreenCoat[®] uses a patented bio-based coating with Swedish rapeseed oil to help substantially lower the environmental footprint of a building and is chromate free.

GreenCoat[®] Pural BT

GreenCoat[®] Pural BT has been developed specifically for standing seam systems and offers excellent durability, UV resistance (Ruv5 for matts) and a slightly structured surface. SSAB GreenCoat[®] Pural BT is available with a performance guarantee.

GreenCoat[®] Pural BT complies with current REACH regulations and is fully chromate-free.

Available from Vertix Systems in Slate Grey, Stone Grey and Nordic Black, with other colours available on request.



Roofline System

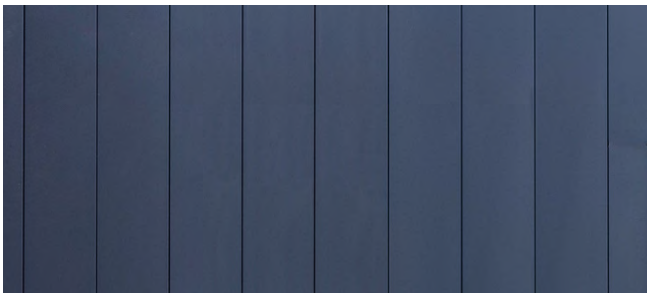
Vertix Systems manufactures made to measure soffits and fascias to match the EasySeam Roof System and can also supply metal gutters and downpipes to complement the roof.

Soffits and fascias

Metal fascias and soffit boards are an important part of the EasySeam Roof System. They are both durable and low maintenance and their resistance to moisture and weathering makes them ideally suited to protecting the roof and maintaining the integrity of the overall structure.

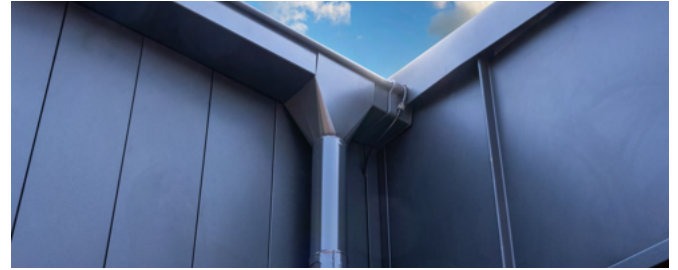
Soffit boards

Soffit Boards are manufactured to order by Vertix Systems to match the material and colour chosen for the EasySeam Roof System and are available in widths between 100mm and 250mm. Butted together these can cover larger soffit areas.



Facias

Facias are manufactured to order by Vertix Systems to match the material and colour chosen for the EasySeam Roof System and at a maximum width of 250mm.



Gutters and downpipes

Gutters and downpipes perform an important function collecting and directing rainwater run-off from the roof. As well as protecting the building from water damage, gutters and downpipes help maintain the structural integrity of the foundations and exterior and preserve the building's overall aesthetics and functionality. Vertix Systems can offer 3 different gutter options.

External gutters

Standard metal gutters supplied with all the components including downpipes. Available as a half round or rectangular shape.



Internal gutters

Made from pre-finished steel backed with a thick membrane and are supplied with the joint brackets and outlets. Internal gutters are within the wall plate of the building.

Hidden gutters

Made from pre-finished steel backed with a thick membrane. Supplied with the joint brackets and outlets. Hidden gutters are at the end of a roof, generally outside of the building wall plate and over the soffit.

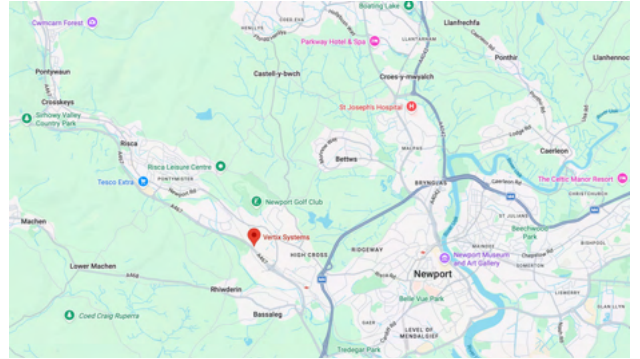
Information about safety factors for different gutter types can be found in Vertix EasySeam Roof System Technical Guide, available in Downloads area of website.

Sustainability

Vertix EasySeam Roof and Wall Cladding Systems incorporate a number of features to deliver sustainability from start to finish.

Manufactured in the UK

EasySeam Roof and wall Systems are manufactured in Newport, South Wales, reducing transport miles and the carbon emissions associated with this. Should customers require additional or replacement panels, short lead times allow for speed and ease of supply.



Reduction in on site waste

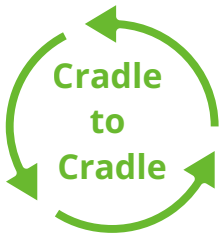
EasySeam Roof and Wall Cladding Systems are engineered to deliver the highest quality standards and manufactured to the specific width and length dimensions ordered by the customer. This significantly reduces on site waste and helps to maintain tidy site conditions.

Fit and forget

EasySeam Roof and Wall Cladding Systems can be termed as fit and forget systems, as once installed require little to no maintenance over their lifetime, other than clearing of gutters and removal of any debris that gathers on the roof. As well as making them cost effective over the long-term, this contributes towards their overall sustainability.

Closed loop sustainability

EasySeam Roof and Wall Systems are easy to disassemble at the end of their life and are 100% recyclable, making them cradle to cradle construction products.



EasySeam Solar System uses an integrated Solar PV laminate from a WEEE registered producer (WEE/MM1397AA). At the end of their life the solar PV laminate modules can be separated from the EasySeam Roof panel and sent to approved Solar PV recycling streams under WEEE regulations, for the glass, metals and other materials to be recovered from them.

Compatible with rainwater harvesting systems

Vertix EasySeam Roof System can be used for rainwater collection for non potable uses such as irrigation, toilet flushing and cleaning. This can help to promote sustainable water management practices and contribute towards conserving of fresh water sources.

Integration with renewables

EasySeam Roof System is designed to accommodate different Solar PV solutions.

- Integrated Solar PV laminate modules.
- On-roof mounted crystalline Solar PV modules.
- In-roof crystalline Solar PV modules



Information about the different Solar PV technologies EasySeam System can accommodate can be found in EasySeam Roof System Technical Guide, available in Downloads area of website.

Vertix Systems offers its own integrated Solar PV product **EasySeam Solar System**, which combines EasySeam Roof System with a high efficiency factory applied Solar PV laminate.







Care has been taken to ensure that the contents of this publication are accurate but Vertix® Systems Ltd does not accept responsibility for errors or information that is found to be misleading. Suggestions for, or descriptions of the end use or application of products or methods of working are for information only and Vertix® Systems Ltd accept no liability in respect thereof. Before using Vertix® Systems products the customer should satisfy themselves of their suitability.

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GreenCoat and Pural are trademarks of SSAB group of companies

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