Vieo

The Modern Alternative to Traditional Metal Roof and Walls

euroclad group

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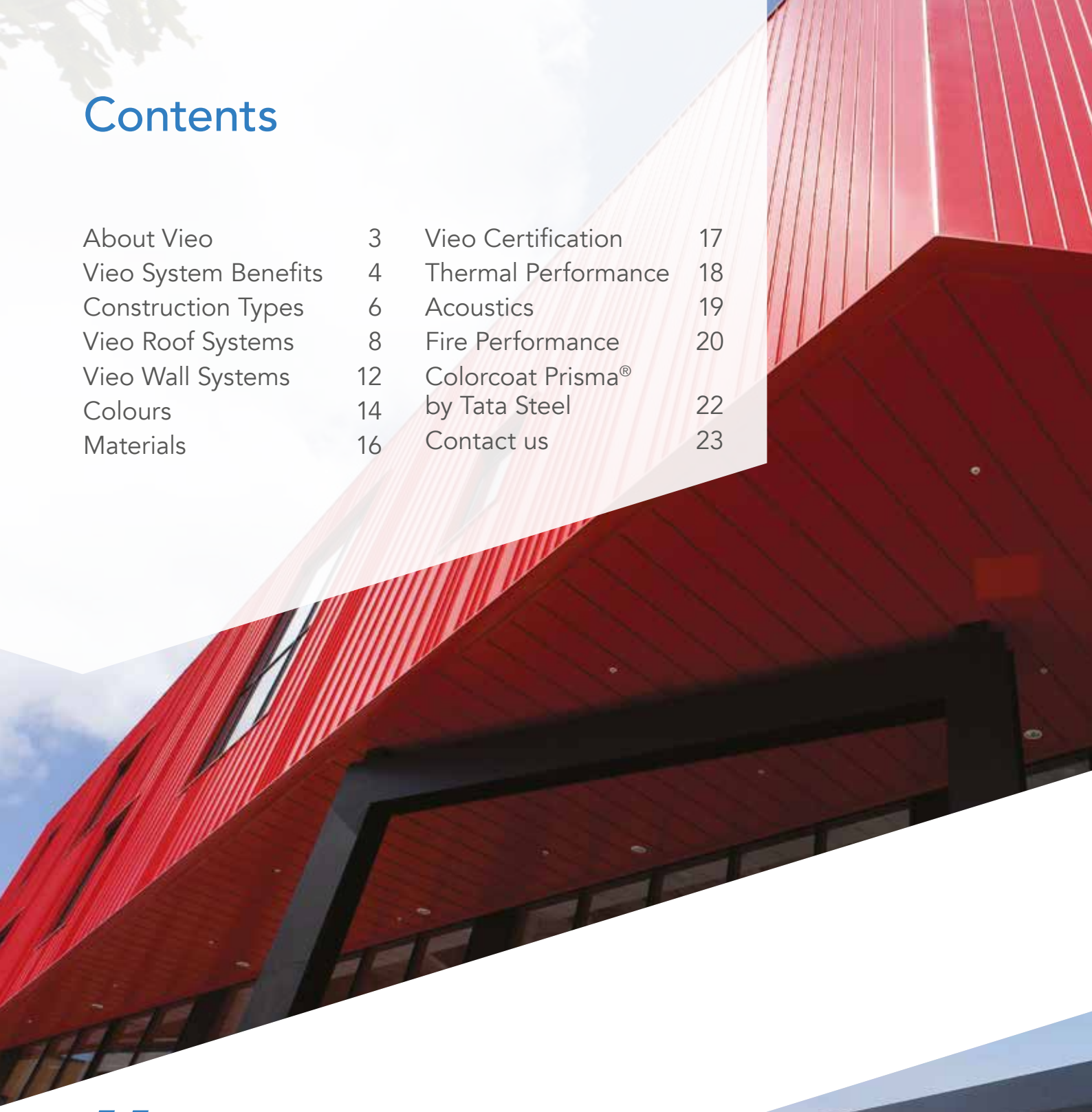

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Vieo is available as a warm or cold roof build-up and is suitable for use with residential, commercial and public buildings.

"

About Vieo

Vieo is a versatile standing seam metal roof and wall system offering both new and traditional buildings a sophisticated and aesthetic design.

By specifying Vieo you can create striking designs on a wide range of buildings applications.

Vieo systems utilise interlocking aluminium or steel sheet that can be used as part of a roof or wall construction.

Traditional materials like zinc and lead and is a manufactured sheet product, which is more effective and less onerous to install than traditional materials.

Sophisticated Standing Seam

- Rapid installation
- Roof or wall system
- Aesthetically creative and sophisticated designs

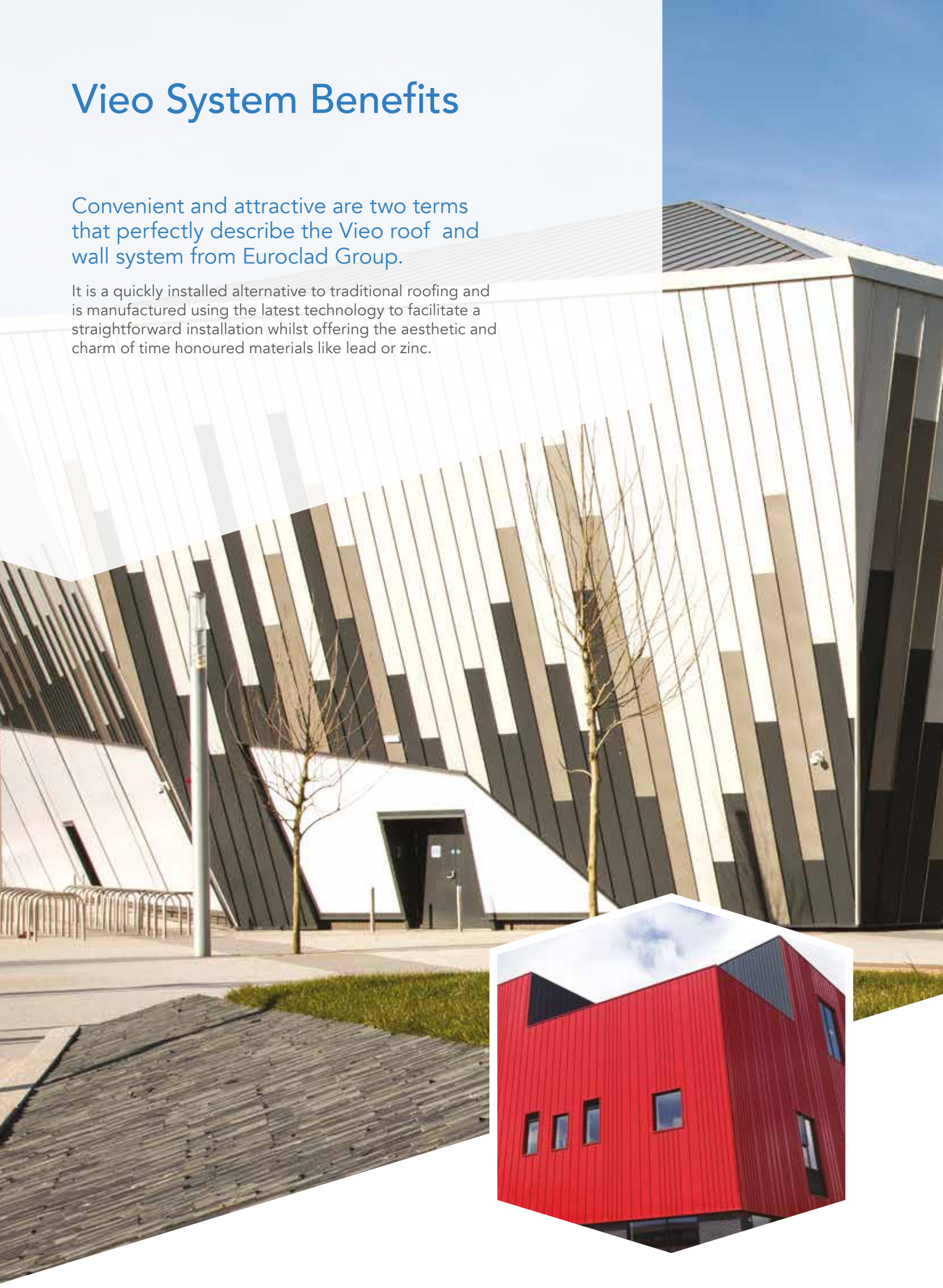
Precision Site Manufacturing

- Site-rolled curved sheets
- Bespoke width sheets and tapered sheets available through consultation
- Convex and concave curves available

Vieo System Benefits

Convenient and attractive are two terms that perfectly describe the Vieo roof and wall system from Euroclad Group.

It is a quickly installed alternative to traditional roofing and is manufactured using the latest technology to facilitate a straightforward installation whilst offering the aesthetic and charm of time honoured materials like lead or zinc.



Flexibility

Modern design demands a flexible product and Vieo can be curved down to a radius of approximately 2.0m in steel and as little as 0.5m in aluminium.

Vieo systems are available in straight, curved and tapered sheet options, enabling you to create creative architectural forms.

Vieo sheets are available in variable widths allowing for feature band design.

Aesthetics

Vieo Systems offer a wide range of materials and colours to help you achieve your architectural vision.

Our systems are available in pre-finished steel and aluminium.

Vieo wall sheets can be installed vertically or horizontally as standard. For more creative options for your building design please contact our technical department.

High Performance

Vieo roofing systems are BBA certified and meet rigorous industry standards.

Enabling you to specify a roofing system that meets all the required Building Regulations.

A Vieo system guarantee is available for up to 25 years.

The principle is simple and effective. Vieo is a metal roof or wall covering that is mechanically fixed to provide a clean design with hidden fixings and the look of a traditional metal roof or wall.

The Vieo sheets feature simple edges known as seams or laps that fit over and under each other, either side of the sheet. These laps sit over a stainless steel clip that is fixed to the support structure. The laps are mechanically folded over the clip to secure the sheets to the roof or wall.

- Simple, guaranteed alternative to traditional roofing systems
- Can be applied to roof and walls
- Option of warm or cold systems
- Hidden fixings for a clean, attractive finish
- Fast construction aided by the pre-punched Euroclad RocBar
- Factory manufactured or produced on-site using specialist mobile equipment
- Can be installed down to 1° finished pitch on roofs
- Can be used to contribute to Passivhaus standards
- Available in straight, curved and tapered sheet options
- Euroclad RocSlab insulation is quickly laid. Vieo sheets and RocSlab, when installed, are suitable for access for maintenance and repair.
- Warm roof and wall systems can provide U values compliant with Limiting Values of Part L2 2023, depending on specification
- Measured acoustic performances can be obtained through consultation with our Technical Department
- The system can be joggle jointed on roof pitches down to a 5° finished pitch, should it be required

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Construction Types

Construction types for Vieo can be broadly described as “warm” or “cold” systems.

The types are defined in BS 5427: 2016 + A1:2017 Code of practice for the use of profiled sheet for roof and wall cladding based on position of thermal insulation in the construction.

Warm Roof or Wall

Where the principal thermal insulation layer is placed immediately inside the outer profiled sheeting, resulting in the supporting structure and any voids being at a temperature close to that of the interior of the building.

Warm (non-ventilated)

Cold roof constructions require adequate ventilation provision to the void outside the insulation and around the cold materials, a breather membrane is also required in these constructions. These measures are designed to help avoid condensation issues occurring at the cold surfaces. Warm roofs are reliant on good provision of vapour control at the warm side of the insulation and a breather membrane is not usually required.

Having defined the system as warm or cold, the support condition for the Vieo sheet also needs to be considered as "Fully supported" or "Self-supporting" according to BS EN 14782:2006 and BS EN 14783:2013 respectively.

Traditionally, metal strip products have been governed by BS EN 14783:2013 where intended for fully supported applications for roof and wall cladding. The requirement for support being largely driven by the choice of traditional metals such as zinc, copper and lead when used as weather coverings which require full support to enable the transfer of loading and to prevent damage to the sheets and to the supporting structural elements.

Cold Roof or Wall

Where the principle thermal insulation layer is placed at or immediately inside the internal lining, resulting in the external profiled sheet being substantially colder (in winter) than the interior of the building.

Cold (ventilated)

BS EN 14782:2006 governs self-supporting metal sheets and tiles (for non-structural applications) delivered in the form of manufactured pieces for roofing and wall cladding. "Non-structural applications" in this context references their use as sheet coverings which transfer wind, snow and construction loads to the supporting structure but which "do not contribute to the global or partial stability of the building structure".

In this case the supporting structure does not need to fully support the sheet but provides support at given spans allowing the loads to be transferred through those supports and into the structure. For example, timber battens, as commonly used in slate and tile roofs which also allow for ventilation directly behind the covering.

Vieo steel sheets have sufficient strength to transfer typical loadings when spanning timber battens at traditionally used centres such as 300mm and 600mm, thus allowing Vieo to be used in a way that has not been possible to date using traditional metals.

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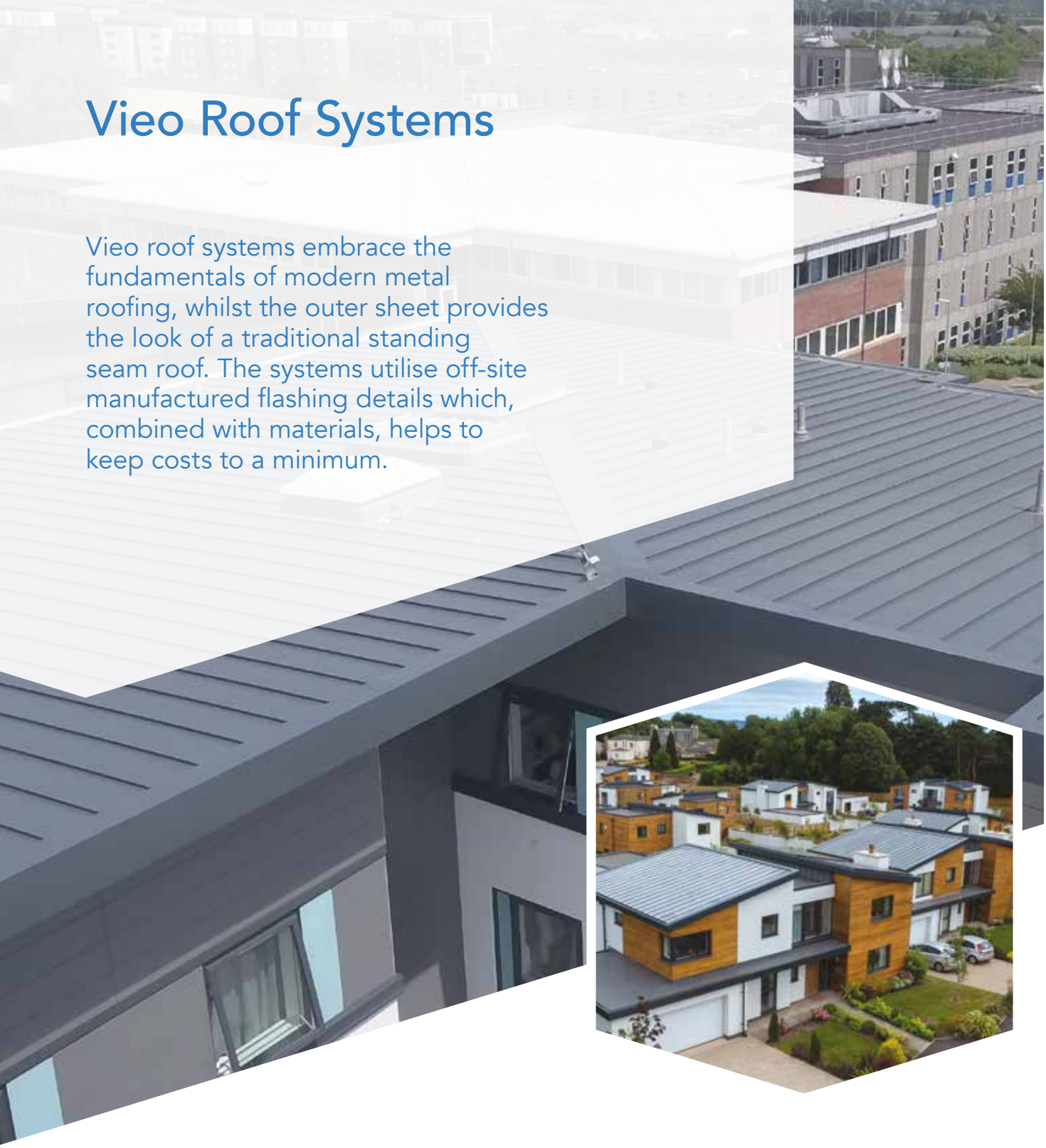
Vieo Roof Systems

Vieo roof systems embrace the fundamentals of modern metal roofing, whilst the outer sheet provides the look of a traditional standing seam roof. The systems utilise off-site manufactured flashing details which, combined with materials, helps to keep costs to a minimum.



This simplicity avoids the need for specialist craftsmen and on-site detailing. The sheets and flashings can be supplied curved and tapered sheets can also be produced.

Available in a range of different materials and colours, Vieo is suitable for use in residential and non-residential buildings such as schools, hospitals, industrial, commercial, retail and leisure applications. For material options please refer to page 16.

The systems can be fixed to a continuous deck or other supporting structure capable of transferring variable and permanent load actions (i.e. fully supported application) or the sheets can be fixed to timber battens (i.e. self-supported application).

Vieo is suitable for roofs down to a finished pitch of 1° and for curved installations where access is available for maintenance and repair.

Vieo Cold Roof TD

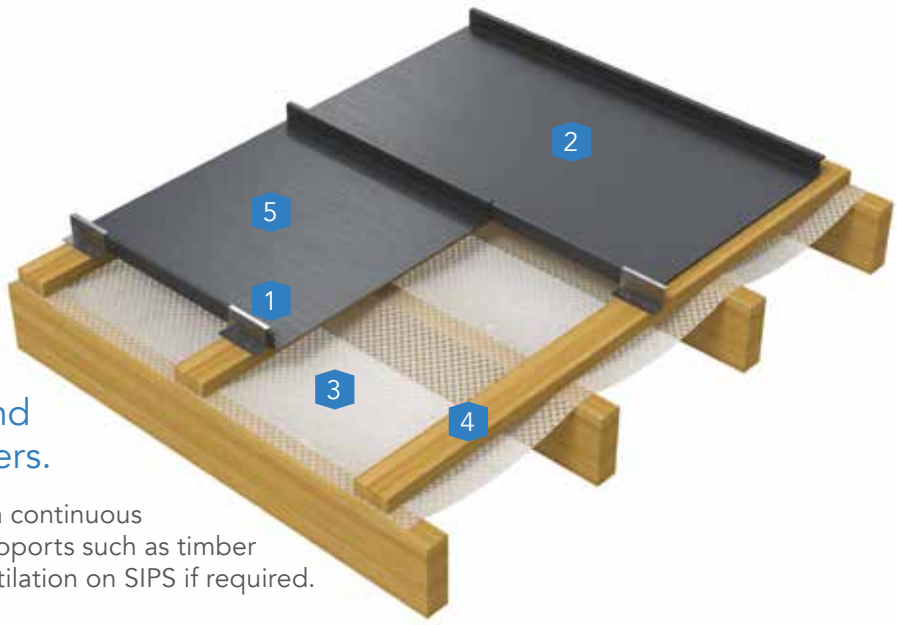
The cold roof system has been specifically designed for use on long strip, hard metal roofs as a simple but durable and attractive covering.

1. Vieo stainless steel clips and stainless steel self-drilling fixings.
2. Vieo external sheet with 454mm cover width. Other widths are available on request.
3. Breather membrane with 150mm laps.
4. Timber deck substrate and supports.
5. Available in steel or aluminium.

Vieo Cold Roof TB

Vieo constructions are usually fully supported but steel Vieo options are available as a self-supporting roof, using timber battens. This construction may be more familiar to tile, slate and traditional metal roofing installers.

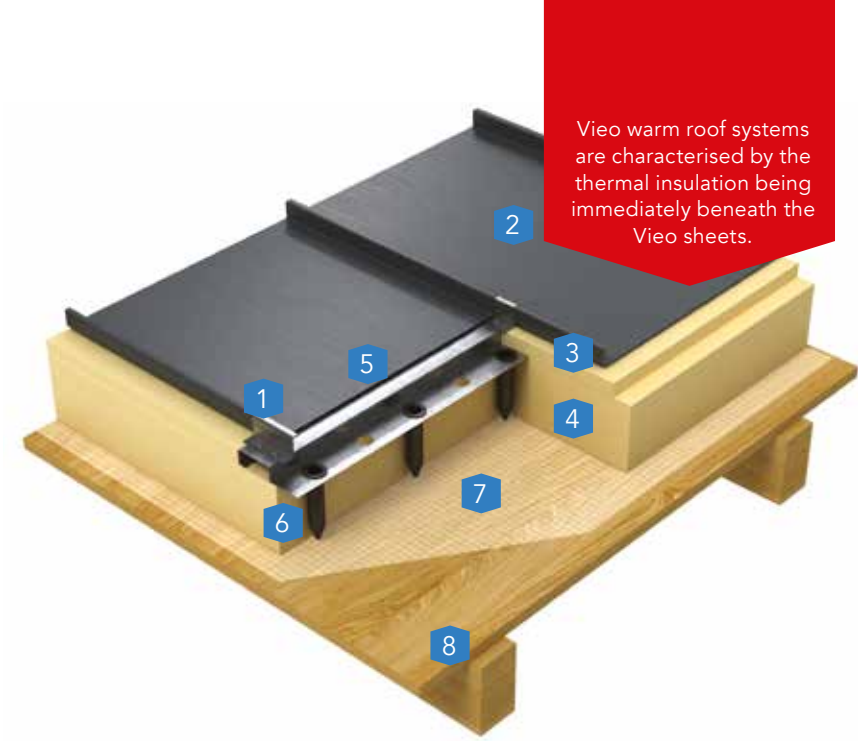
This allows the sheets to be fixed without a continuous supporting substrate and to be fixed to supports such as timber battens as used for tiling or to provide ventilation on SIPS if required.



1. Vieo stainless steel clips and stainless steel self-drilling fixings.
2. Vieo external sheet with 454mm cover width. Other widths are available on request.
3. Breather membrane with 150mm laps.
4. Timber battens.
5. Available in steel.

Vieo Warm Roof TD

This warm roof system is designed for use with a suitable continuous substrate such as 18mm plywood or 15mm OSB board to support the RocSlab and a VCL located at the warm side of the insulation.

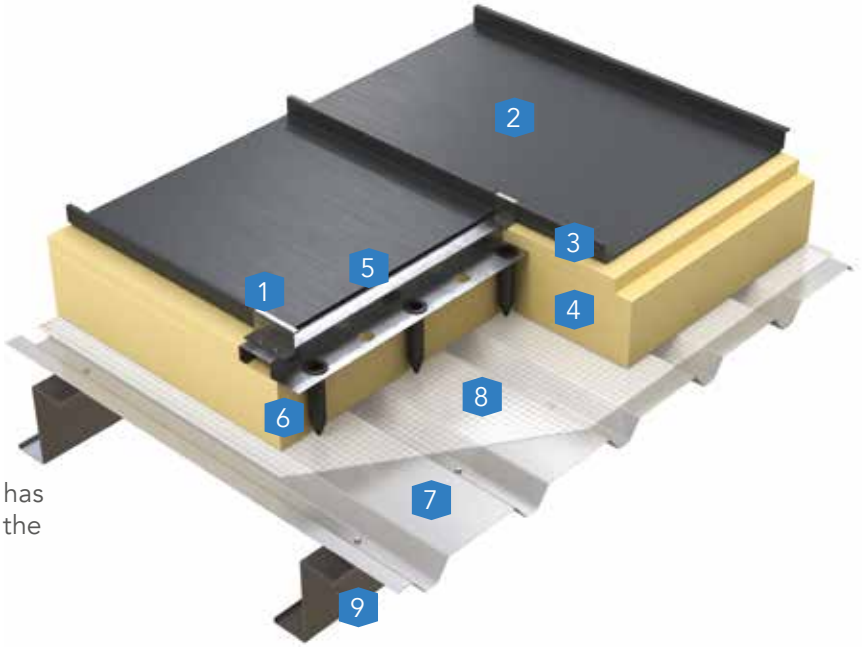


1. Vieo stainless steel clips and stainless steel self-drilling fixings.
2. Vieo external sheet with 454mm cover width. Other widths are available on request.
3. RocSlab25 insulation.
4. Euroclad RocSlab insulation.
5. Euroclad RocBar.
6. Euroclad RocTube fixing sleeves and self-tapping fixings.
7. VCL.
8. Timber deck and structure.

Vieo Warm Roof MW5

Designed for use on steel framed buildings, the metal liner provides support to the RocSlab insulation.

The standard MW5 inverted liner profile in 0.7mm steel polyester coated is Class A1 reaction to fire to EN 13501-1:2018 and has a 200mm profile pitch, perfectly matching the standard fixing centres for RocBar.



1. Vieo stainless steel clips and stainless steel self-drilling fixings.
2. Vieo external sheet with 454mm cover width. Other widths are available on request.
3. RocSlab25 insulation.
4. Euroclad RocSlab insulation.
5. Euroclad RocBar.
6. Euroclad RocTube fixing sleeves and self-tapping fixings.
7. Metal liner substrate EC 32-200-1000 Wall MW5 Reverse profile.
8. VCL.
9. Euroclad steel purlins.

Please scan the QR code or click here for our Technical Department contact details.

Vieo Wall Systems

Vieo is a standing seam wall system for a sophisticated and highly aesthetic design and can produce striking and sophisticated architectural lines creating a bespoke look on a wide range of building applications.

Available in a standard cover width of 454mm, the Vieo sheets can also be supplied in variable widths to give a concertina-style effect.

Vieo Wall Cladding Systems comprise of an interlocking aluminium or steel sheet that can be used as part of an insulated warm or cold exterior wall construction.

- The Vieo system can produce striking and sophisticated architectural lines, creating a bespoke look on a wide range of buildings applications.
- Its simple overlapped seam construction allows for a rapid installation, when compared to traditional building materials.
- Available in a range of different materials and colours.
- Suitable for use in residential and non-residential buildings such as schools, hospitals, industrial, commercial, retail and leisure applications.

Vieo Warm Wall TD

Vieo Warm Wall SFS

Vieo Warm Wall MW5

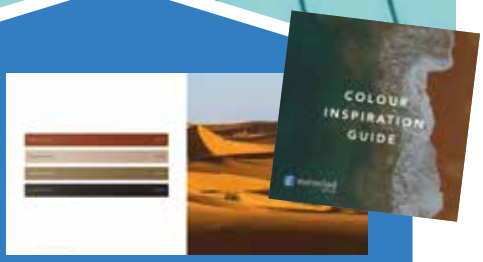
Stainless steel through fixings are also available for the above application

Please scan the QR code or click here for our Technical Department contact details.

Colours

Reflect your brand identity through your architecture. Colour can be used to great effect in architecture; it can reflect the brand identity of a company, be used to achieve an architectural objective or to complement a buildings surroundings. The use of colour can affect the mood of building users and can engender a sense of pride in the workplace.

Colour Guide



Take a look at our Colour Inspiration Guide for the latest choices available.

For a physical copy or for samples of our products please email samples@eurocladgroup.com
Digital versions of the Colour Inspiration Guide are also available.

Vieo is available in a vast range of colours, adding an extra dimension to the impressive specification of this product.

Seren Gold

Anthracite

Please scan the QR code or click here for our Sales Team contact details for colour charts and swatches.

Introducing Our Living Range Of Colours

With the driving force behind Vieo often being aesthetic appeal, a new range of "Living Colours" has been introduced.

This exciting new range consists of coated aluminium with specialised coatings that offer colours and finishes not previously available. These stimulating colours can help to create a dramatic and unique building design, whether on a private house, public sector building or commercial development.

"Living Colours" use a high performing pre-coated coil finish to the aluminium roof and wall systems, available through Euroclad Group.

A colour that mimics and reflects with the life of the building. Our new "Living Colour" range provides exciting new options for colourful designs with an expanded palette of natural living shades.

The grained surface and advanced manufacturing process replicates the pre-weathered appearance of traditional long strip hard metal finishes. The result is a unique and revolutionary new look that provides an outstanding alternative to pre-weathered hard metal finishes.

The "Living Colours" colour palette is a modified high performance, UV, weather resistance, low maintenance, aluminium pre-coated finish engineered to last. For specific colour availability matched to coating type and Reaction to Fire performance, please contact our Technical Department.

Patterned Gold

Shaded Blue

Red Matt

Please scan the QR code or click here for our Technical Department contact details.

Materials

Whether you're building a house or specifying a large-scale commercial development, we understand the importance of how colour and material finish can transform the appearance of your building.

Vieo is available in a wide range of colours and finishes for both aluminium and steel products.

Steel

0.7mm gauge Colorcoat Prisma® and Colorcoat HPS200 Ultra® pre-finished steel from Tata Steel provides a contemporary range of steel colours ideal for many façade applications.

Fully manufactured in the UK, the steel range demonstrates proven performance and reliability guaranteed for up to 40 years for the weatherside of commercial and industrial buildings with no inspection or maintenance to maintain its validity.

For more information please the Tata Steel webite.

Aluminium

Our range of aluminium material provides exciting new options for colourful designs with an expanded palette of natural living shades.

Available in 0.9mm pre-coated aluminium, the grained surfaced of the "living colour" range replicates the pre-weathered appearance of traditional long strip hard metal finishes, providing an outstanding alternative.

Please note non-standard colours will be subject to minimum order.

Coated Aluminium: Minimum 540 linear metres.

Coated Steel: Minimum 150 linear metres. Please note that any quantity above 900lm would required a minimum order quantity of 1800lm.

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Vieo Certification

Vieo Roof Systems have been BBA certified since March 2012, with the latest April 2022 version currently under review.

Specific Euroclad Vieo Roof Systems, comprising interlocking profiled aluminium or steel sheets, are listed under BBA Certificate No. 04/4151 Product Sheet 4.

Vieo has also become increasingly popular as a product for use on walls. Vieo warm wall systems employ principles that have been utilised in built-up metal wall systems for many decades. These principles are extremely well established in the UK marketplace.

Whilst third party certification such as BBA certification can be useful in summarising a range of performances, in the context of wall systems it should be recognised that it is not the only means of performance verification.

Euroclad Group are engaged in the development of certification coverage for Vieo Wall Systems to meet the rapid growth in demand we are experiencing, including coverage with BBA.

In the interim we are able to supply supporting documentation for system performance and have provided solutions through consultation with contractors and insurance bodies on projects requiring approval. For example:

- Structural performance of Vieo systems is confirmed by testing and calculations compliant with the appropriate Eurocodes – each element of the systems in the load path is considered using the same process as for our certified roof systems and the same fixing principles and arrangements are used.
- Thermal performance is calculated on software compatible with BS EN ISO 10211:2017 according to the conventions in BR443: October 2019 as referenced in Part L of the Building Regulations. Euroclad thermal models, calculations and methodology have been externally verified by certification bodies such as BBA over many years.
- Interstitial condensation risk is calculated on specialist software in accordance with BS 5250:2021 as it is for our certified roof systems.
- Vieo sheet materials durability is already broadly confirmed in existing BBA certification and Euroclad Group can provide additional guarantees for Vieo systems.
- Fire performance is confirmed on page 20-21 of this brochure and testing is ongoing.

BBA certification covers the performances of the roof systems as stated within the certificate. Some elements are outside the scope of the certification such as the structural performance of the various structural decks and timber substrates. However, these performances can all be verified independently and Euroclad can confirm the performances for all elements of the system supplied by ourselves (this excludes timber substructures).

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Thermal Performance

With ever-increasing demands for reductions in energy consumption and lower carbon emissions, from both Part L of the Building Regulations and environmentally conscious specifiers, there can be comfort in the knowledge that Vieo systems provide flexibility to achieve the most challenging U-values.

U Value calculations have been carried out in accordance with BR433:October 2019. See table below:

Vieo Warm Roof TD				
Main RocSlab Thickness (mm)	115	150	170	205
U-value (W/m²K)	0.25	0.20	0.18	0.15

Vieo Warm Roof MW5				
Main RocSlab Thickness (mm)	115	150	170	205
U-value (W/m²K)	0.25	0.20	0.18	0.15

Assumptions used in calculation:
RocBar and Vieo Clips at 1.260m centres. 0.036λ (Lambda) RocSlab insulation filling the void between substrate and underside of external profile.

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Acoustics

Euroclad Group has invested in acoustic testing of systems and has applied many years of combined practical experience from constructed projects into the test programme.

Working together with material suppliers and acoustic laboratories for sound reduction, sound absorption and rain noise.

Common applications for the acoustic performance of Vieo include schools and universities, swimming pools and sports halls, cinemas, offices and hospitals.

In industrial and Ministry of Defence projects, prevention of intrusive noise and the control of noise from processes are major considerations and the acoustic performance of Euroclad systems have assisted in many instances.

When specific acoustic performance is required, Euroclad can provide a systematic answer and can also develop bespoke solutions where applicable.

Acoustic Systems

Vieo systems can provide acoustic solutions for a range of applications and have been tested, modelled and proven in the field. Systems can be modified to meet requirements by the inclusion of various components.

Sound Reduction

Sound Reduction reduces the amount of sound transmitted through a building element. It may also be termed Sound Insulation or Sound Attenuation.

In the case of Vieo sound reduction is considered alongside thermal insulation and the two elements generally complement each other. For information on the acoustic performance of Vieo Systems, please contact our technical department

Noise Source	Decibel Level	Decibel Effect
Jet take-off (at 305 meters), jet flyover at 1000 feet	100	8 times as loud as 70dB. Serious damage to hearing possible in 8 hour exposure
Motorcycle at 25ft	90	4 times as loud as 70dB. Likely damage to hearing in 8 hour exposure
Diesel truck 40mph at 50ft, diesel train at 45mph at 100ft	80	2 times as loud as 70dB. Possible damage to hearing in 8 hour exposure
Passenger car at 65mph at 25ft, road at 50ft from pavement edge 10a.m	70	Arbitrary base of comparison. Upper 70s are annoyingly loud to some people
Conversation in restaurant, office, back-ground music	60	Half as loud as 70dB. Fairly quiet
Quiet suburb, conversation at home	50	One-fourth as loud as 70dB
Library, bird calls (44dB); lowest limit of urban ambient sound	40	One-eighth as loud as 70dB
Quiet rural area	30	One-sixteenth as loud as 70dB. Very quiet
Whisper, rustling leaves	20	Barely audible
Breathing	10	Barely audible

Please scan the QR code or click here for our Technical Department contact details.

Fire Performance

The fire performance of any building system is paramount to the safety of the building occupants and the prevention of fire spread. Key to any low fire risk solution is a building design that limits fire spread.

Vieo sheet materials reaction to fire to BS EN 13501-1:2018.

Performance in terms of Reaction to fire classifies products as A1, A2, B, C, D, E or F (with class A1 being the highest performance and F being the lowest) in accordance with BS EN 13501-1:2018.

The classes of reaction to fire performance of A2, B, C, D and E are accompanied by additional classifications related to the production of smoke (s1, s2, s3) and/or flaming droplets/particles (d0, d1, d2).

Table 1

Vieo Sheet Components	Material	BS EN 13501-1:2018 or equivalent
Vieo outer sheet & flashings	Coated steel 0.7mm – Prisma, Prisma Elements or Prisma Matt coating	A1
Vieo outer sheet & flashings	Coated aluminium 0.9mm – PVDF coating	A1
Vieo outer sheet & flashings	Coated aluminium 0.9mm – Polyester Polyamide/ARS coating	A1
Vieo outer sheet & flashings	Coated aluminium 0.9mm – Duragloss 5000 coating	A1
Vieo outer sheet & flashings	Coated steel 0.7mm – HPS200 Ultra coating	C-s2, d0

Table 2

Vieo Components	Usage	Material	BS EN 13501-1:2018 or equivalent
Vieo sliding clips	Attachment of Vieo sheet	Stainless steel	A1
RocBar (if required)	Attachment of Vieo clips and RocSlab insulation	Galvanised steel	A1
RocSlab Insulation (if required)	Thermal insulation	Mineral fibre	A1
Tophat sections (if required)	Attachment of RocBar to various structures	Galvanised steel	A1
Vieo clip fixings	Attachment of Vieo sliding clips to various substrates	Stainless steel	A1
RocTube Plus fixings	Attachment of RocBar to various substrates (via RocTube)	Stainless steel	A1
RocTube	Connection of RocBar to RocTube Plus fixings	Polypropylene	Unclassified[1]
Alternative RocBar fixings[1]	Attachment of RocBar to various substrates without RocTube	Stainless steel	A1
Tophat fixings	Attachment of tophats to various substrates	Stainless steel	A1
Vieo Closures	Completion of detailing and ends and edges of Vieo sheets	Aluminium	A1
Vapour Control Layer	Use at the warm side of thermal insulation for provision of vapour control	Reinforced polyethylene	F (Unclassified)
Fire rated Vapour Control Layer[2]	Use at the warm side of thermal insulation for provision of vapour control	Glass fibre backing, aluminium foil and clear lacquer	A2-s1, d0
Steel liner sheet	Possible as a substrate in some cases	Polyester-coated steel	A1
Breather membrane	Use over ply / OSB boarding (or over insulation if required)	Spun bonded polypropylene	E
Fire rated breather membrane[4]	B-s1, d0 and A2-s1, d0 options		
WT SA Breather membrane[3]	Use on Class A1 or A2-s1, d0 substrate	Triple layer polypropylene, self-adhesive	B-s1-d0
WT SA separation tape	Applied to RocBar for materials separation when using aluminium Vieo sheet	Triple layer polypropylene, self-adhesive	B-s1-d0

Notes:
1 Fixings – if it is desirable to have Class A performance, we can replace RocTube Plus fixings and RocTube with alternative stainless steel through fixings (specification and type are dependent on the substrate to be fixed to and insulation thickness). Contact Euroclad Technical for further guidance.
2 Vapour control layers – these are not always supplied by Euroclad, depending on the construction but A rated products are available.*
3 Breather membranes – not always required or supplied by Euroclad, depending on the construction.*
4 Fire rated breather membranes available on request, please contact Euroclad Technical for further guidance.

*NB: Although "membranes" are excluded by Regulation 7(3): (g), attention is also drawn to Section 10.21 (Approved Document B Volume 1) and Section 12.22 (Approved Document B Volume 2) which state "Membranes used as part of the external wall construction above ground level should achieve a minimum of Class B-s3, d0". VCL's are also considered to be membranes.

Other Vieo system components supplied by Euroclad – Reaction to fire to BS EN 13501-1:2018

Please note components excluded from requirements for Relevant Buildings (described in Regulation 7(4)) by Regulation 7(3): (g) "membranes", (h): "Sealants, fixings & gaskets" ("gaskets" would include closure fillers).

Whilst membranes and fixings are excluded, there are alternative types which can be specified, if required, which Euroclad may recommend depending on the construction type and project specific requirements.

Table 3 – Reaction to fire performance of external surface of walls

Source – Approved Documents B Volume 1, table 10.1 & Volume 2, table 12.1. July 2019 edition incorporating 2020 and 2022 amendments.

The external surfaces (i.e. outermost external material) of external walls should comply with the provisions in the table below. The provisions apply to each wall individually in relation to its proximity to the relevant boundary.

Building type	Building height	<1m from the relevant boundary	1m or more from the relevant boundary
'Relevant Buildings'	as defined in regulation 7[4]	Class A2-s1, d0[1] or better	Class A2-s1, d0[1] or better
All 'residential' purpose groups	More than 11m	Class A2-s1, d0[2] or better	Class A2-s1, d0[2] or better
	11m or less	Class B-s3, d2[2] or better	No provisions
Assembly and Recreation	> 18m	Class B-s3, d2[2] or better	From ground level to 18m: Class C-s3,d2[3] or better From 18m in height and above: Class B-s3, d2[2] or better
	18m or less	Class B-s3, d2[2] or better	Up to 10m above ground level: ClassC-s3, d2[3] or better Up to 10m above a roof or any part of the building to which the public have access: Class C-s3, d2[3] or better[4] From 10m in height and above: no minimum performance
Any other building	> than 18m	Class B-s3, d2[2] or better	From ground level to 18m: Class C-s3,d2[3] or better From 18m in height and above: Class B-s3, d2[2] or better
	18m or less	Class B-s3, d2[2] or better	No provisions

Notes:
In all cases all the following provisions apply.
- Regulation 7(1A) prohibits the use of relevant metal composite materials in the external walls, and specified attachments, of all buildings of any height (see paragraphs 10.11 and 10.12 (AD B Volume 1) and 12.12 and 12.13 (AD B Volume 2).
- The advice in paragraph 10.4 (AD B Volume 1) and 12.4 (AD B Volume 2) should always be followed.

In addition to the provisions within this table, buildings with a storey 18m or more above ground level should also meet the provisions of paragraph 10.6 (AD B Volume 1) and 12.6 (AD B Volume 2).

In addition to the provisions within this table, buildings with a storey 11m or more above ground level should also meet the provisions of paragraph 10.7 (AD B Volume 1) and 12.7 (AD B Volume 2).

1. The restrictions for these buildings apply to all the materials used in the external wall and specified attachments ((see paragraphs 12.14 to 12.17 (AD B Volume 2) for further guidance)).
2. Profiled or flat steel sheet at least 0.5mm thick with an organic coating of no more than 0.2mm thickness is also acceptable.
3. Timber cladding at least 9mm thick is also acceptable.
4. 10m is measured from the top surface of the roof.

Table 4 – Broof (T4) performance external surface roofs

Vieo sheet component	Material	BS EN 13501-5:2016 classification	Classification method
Vieo outer sheet and flashings	Coated steel 0.7mm – Prisma, Prisma Elements or Prisma Matt coating	B_{ROOF}(T4)	Comission Decision 200/553/EC
Vieo outer sheet and flashings	Coated aluminium 0.9mm – PVDF coating	B_{ROOF}(T4)	Comission Decision 200/553/EC
Vieo outer sheet and flashings	Coated aluminium 0.9mm – Polyester Polyamide/ARS coating	B_{ROOF}(T4)	Comission Decision 200/553/EC
Vieo outer sheet and flashings	Coated aluminium 0.9mm – Duragloss 5000 coating	B_{ROOF}(T4)	Comission Decision 200/553/EC
Vieo outer sheet and flashings	Coated steel 0.7mm – HPS200 Ultra coating	B_{ROOF}(T4)	Physical testing

Colorcoat Prisma® by Tata Steel

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

Key Features and Benefits

- Revolutionary 3-layer technology, providing enhanced aesthetics and long term performance and durability.
- Meets the highest European standards for corrosion and UV resistance (Ruv5 and RC5+ as per EN 10169:2022).
- Optimised Galvalloy® metallic coating for ultimate corrosion resistance and cut edge protection.
- Independently tested for liberation of volatile organic compounds (VOC) against EN ISO 16000-9:2006 and achieved an A+ rating.
- Fully REACH compliant and free of chromates including hexavalent chrome.
- Confidex® Guarantee for up to 40 years when registered for online.
- Confidex® Home Guarantee available for 25 years when registered online.

Colorcoat HPS200 Ultra® by Tata Steel

Designed to withstand even the most demanding and aggressive environments, Colorcoat HPS200 Ultra® pre-finished steel provides super durability and corrosion resistance with proven performance. Guaranteed for up to 40 years it is backed up with even more extreme testing and real world global data. This offers a sustainable solution for the building envelope where longevity and durability are imperative over the life of the building.

Key Features and Benefits

- Meets RUV4 and surpasses RC5+ as per EN 10169:2022 proving excellent colour and gloss retention and corrosion resistance.
- Optimised Galvalloy® metallic coating for exceptional corrosion resistance and cut edge protection.
- Scintilla® embossed as a mark of authenticity from Tata Steel.
- Exceeds requirements of CPI5 as per EN 10169:2022 demonstrating excellent barrier properties when used internally.
- Independently tested for liberation of volatile organic compounds (VOC) against EN ISO 16000-9:2006 and achieved an A+ rating.
- Fully REACH compliant and free of chromates including hexavalent chrome.
- Confidex® Guarantee for up to 40 years when registered for online.
- Confidex® Home Guarantee available for 25 years when registered online.

Confidex® Guarantee

Upon online registration, the Confidex® Guarantee is offered directly to the building owner with no inspection or maintenance to maintain its validity except when used on a roof or wall that has a Photovoltaic (PV installation).

The Confidex® Guarantee is clear and simple and, unlike many other guarantees, offers full remedial action in the unlikely event of coating failure.

To demonstrate Tata Steel's commitment to the environment and renewable energy offerings, Colorcoat HPS200 Ultra® and Colorcoat Prisma® provides the comprehensive Confidex® Guarantee for the pre-finished steel that is under clip and fix photovoltaic (PV) frame modules on a roof or wall. This provides the building owner with the confidence that installing a PV array will not have a detrimental effect on the performance of the pre-finished steel, and that all parts of the roof and wall are covered for the same duration of the Confidex® Guarantee for up to 40 years and up to 25 years for the Confidex® Home Guarantee.

Contact Us

We recognize the need for first class technical support to ensure optimised design both functionally and aesthetically.

Euroclad Group provides a comprehensive technical service which can assist in correct specification, detailing and installation of Elite roof and wall systems as well as composite panels.

For technical support contact:

T: +44 (0) 2922 010101

E: rcs.technical@eurocladgroup.com

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