



ALUMINIUM

EuroClad VIEO - Aluminium sheet standing seam profile cladding system:
Natural Colours - Organic Patina Zinc.

LIVING RANGE



EFFECTS



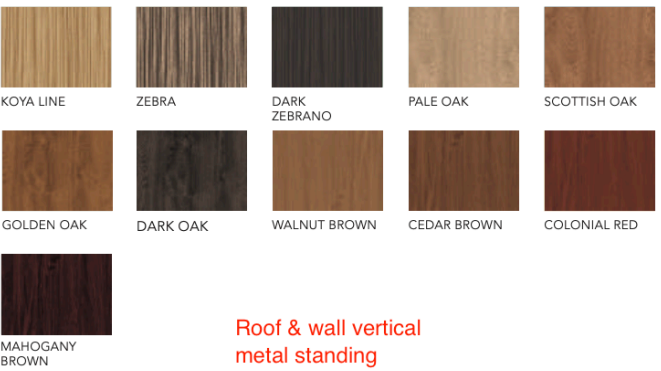
MINERALS



BASICS



WOOD



NATURAL



Roof & wall vertical
metal standing
seam cladding



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.



H31

Metal profiled/ flat sheet self-supporting cladding/ roof covering

Types of cladding/ covering system

115 METAL ROOF & WALL SYSTEM/SHEET COVERING

1. Description: Roof & wall aluminium sheet cladding.
Principal contractor to provide, fabricate & install roof & wall metal sheet cladding system by Euroclad VIEO system to be installed by Euroclad approved installers.
2. Design Intent:
CONTRACTORS DESIGN PORTION (CDP)
PITCH ROOF & WALL ALUMINIUM SHEET SEAM VIEO PROFILE CLADDING SYSTEM:
MANUFACTURE: EUROCLAD GROUP Ltd.
PRODUCT REFERENCE: VIEO ALUMINIUM SHEET WITH NATURAL COLOURS DG5000 FINISH.
INCLUDING ALL JUNCTION & ABUTMENT BESPOKE FABRICATION DETAILING FOLDED PRESSINGS AS DRAWING 200900-4000 SERIES DETAILS.
 - This section, when read with the drawings, indicates the design intent, where the Contractor will be required to obtain / provide specialist design services to complete the Detailed Design. The Contractor retains full responsibility for the Detailed Design, installation, execution and warranting of the works and for meeting the performance criteria identified. The contractor shall complete the Detailed Design of all interfaces with adjoining trades and ensure the interfaces are fully co-ordinated. Ensure the design intent identified on the drawings, schedules & specification is maintained, unless doing so would prevent compliance with the performance criteria / statutory requirements.
 - Where no product or supplier is indicated in the specification or drawings, propose suitable materials and systems prior to Contract award which comply with the visual intent and performance criteria stated and remain fully responsible for the Detailed Design of the works. Where a particular material, product or supplier is indicated, such material, product or supplier shall be deemed indicative representing the design intent only. The Contractor may complete the installation using that material or product, or such other confirmed as acceptable by the CA in writing, but shall remain fully responsible for the Detailed Design and performance of the works.
 - Design intent: The final wall and roof cladding, aluminium pressing and flashing profile design must be in strict accordance with the approved planning drawings in terms of appearance and no deviation or alternative proposals that effect the overall visual appearance will be accepted.
 - Design intent elements:
 - All pitch roofs & wall sheet cladding junction & abutments including but not limited to wall cladding lower & upper base details, eaves details, roof verge & ridge detailing, canopy flat roof fascia and edge upstaged capping pressing to complete the design intent.
 - Main contractor is to develop and complete a full set of fabrication drawings to satisfy the essence of visual appearance of the design intent drawings and submit to C.A for review & comment prior to commencement of work and project contract start date.
3. Manufacture: Euroclad , Wentloog Corporate Park, Wentloog Road,Cardiff CF3 2ER.
Tel: (+44) 029 22 010101 | Fax: (+44) 029 22 010122 Website: www.euroclad.com

Product reference: Vieo 25_454 - Aluminium.

Material: Aluminium.

Finish: Organic Patina.

Maximum sheet length 20M. Longer sheets only through consultation and revision of standard specification.

4. External sheets:
Material: Aluminium 3004 to BS EN 485-2 and BS EN 1396: 2015
Thickness (nominal): 0.9mm.
Finish side 1 (outer) - Coatings: Natural Colours DG5000 - 3 Coats.
Colour No: D 9120 M.
Colour name: Zinc Patina.
Colour/Finish: For the purposes of tendering allow for the above Vieo aluminium metal sheet seam cladding.
Prior to procurement/ order final Vieo aluminium metal sheet seam cladding proposals are to be reviewed & confirmed following detailed sample review.
Finish side 2 (inner): Washcoat
Colour: Blue/Grey Transparent
5. Support structure - Roof: Timber Decking on Timber Structure engineered timber rafters.
Timber decking contractor's choice:
Min 18mm WBP Ply or
Min 22mm tongue and groove hardwood board or
Min 18mm OSB/3 (Type 3) to BS EN 300 : 2006.
Support structure - Walls: Concrete block insulated cavity wall, decorative wall cladding.
50x35mm treated s/w timber vertical battens at 450mm centres (Ventilation cavity) mechanically fixed to concrete blockwork wall with s/s fasteners Hilti nail-in anchor with carbon steel nail or equal. Fasteners embedment and spacing centres in accordance with manufactures recommendation for application.
Timber sheathing board contractor's choice:
Min 18mm WBP Ply or
Min 22mm tongue and groove hardwood board or
Min 18mm OSB/3 (Type 3) to BS EN 300 : 2006.
Designed to appropriate standards by Others.
6. Suitability Of Substrates:
Condition: Dry and free of dust, debris, grease and other deleterious matter.
Defective boards: Give notice.
Check that there are no protruding fasteners (they should have been fixed to achieve an even surface).
7. Roof pitch: 45 degrees.
Wall: Vertical cladding.
8. Accessories:
Aluminium Vieo Junction pressings & flashing trims to include but not limited to wall external & internal corners, wall base closure trims and vents trims, integrated proprietary aluminium insect mech continuous strip trims, flat roof parapet up-stand and drainage outlet chute detailing, pitch roof eaves drips & trims, Canopy flat roof fascia and edge upstaged capping pressing, roof verge folded pressing trims, pitch roof ridge flashing folded double pitch roof trim, ridge support profile and roofing sheet ridge upstaged. (Bespoke detailing folded pressing trims use closure as per drawings 200900 - 4000 Detail series).
Note: All accessories pressings and flashing detailing profiles are to formed from the same coil batch as the main sheet cladding for continuity and matching.
Specialist subcontractor must submit fabrication drawings to project C.A for review and comment prior to order and fabrication.
Not permitted: Cover over trims with rivet fixing are not permitted as part of the roof & wall junction detailing.
Coloured Vieo bespoke trims & flashing pressings to match roofing sheet finish & colour.
Profile Fillers to suit Vieo profile
Retention angle (for securement of RocSlab insulation)
Vieo Seam Clamps (for non-penetrative accessory attachment to Vieo profile)
9. RET 1 - Canopy Walkway Roof Type 3 - Roof edge upstand aluminium capping and fascia pressings:
Specialist contractor must include to fabricate, provide and install bespoke folded aluminium capping and fascia pressing.
One piece - 5 times folded continuous aluminium pressing with matching joint cover trims or Two

piece 2 times folded and 3 times folded lapped continuous aluminium pressing with matching joint cover trims. To be determined by Specialist contractor and subject to fabrication drawing review & comment.

All the aluminium cover pressings are to be fabricated from formed from the same coil batch as the main sheet cladding for continuity and matching.

Refer to Drawing No.s 200900-4044-Detail 1 & 200900-4045-Detail 1 for design intent and general arrangement of RET 1 Roof edge upstand aluminium capping and fascia pressings.

Location: Refer to Drawing No.s 200900-2012 & 2013 Proposed Roof Plans for location and extent of RET 1 Type pressings.

10. Primary cladding/ covering sheet fasteners: Sheet overlap mechanically seamed over head of Clip using Euroclad Vieo Seaming Tool.
Roof Seams: Stage 2 Type with 45 degree fold.
Wall Seams: Stage 1 Type with 90 degree fold.
All to be carried out in strict accordance with manufacturer's recommendation & instructions and fabrication & installed by Euroclad approved contractor & with experience in proposed scope of work and proposed bespoke detailing.
11. Sealing laps:
End laps: As drawing details.
Side laps: As drawing details.
12. Spacers:
Manufacturer: Euroclad, Wentloog Corporate Park, Wentloog Road, Cardiff CF3 2ER.
Tel: (+44) 029 22 010101 | Fax: (+44) 029 22 010122 Website: www.euroclad.com
Standing Seam Clips:
Vieo Sliding Clip.
Material: Stainless steel
RocBar:
Coated steel Elite RocBar (2 x 0.7mm supplied nested).
Fixing: Vieo Sliding Clips fitted onto Elite RocBar at 454mm centres along rail. RocBar Centres upslope typically at 1.260 centres. Reduce centres typically to 660mm at ridge and eaves, perimeters and high wind load areas.
Fasteners:
Vieo CL_FX to RocBar: Vieo_CL_RocBar Stainless steel countersunk self drilling screws 4mm minimum diameter: 2 Number per Clip.
Elite RocBar to support structure: RocTubePlus_170_TD Stainless steel screws complete with tubular sleeve. Fixed through RocBar and insulation to support structure deck at 200mm centres along rail.
Ridge and Verges Closures: Stainless steel screws
Check centres against project loadings and adjust if necessary (see Clause 196).
13. - Vapour control layer: VCL as clause 261
- Insulation: As Clause 271
- Breather Membrane: As clause 280
- Profile Fillers: As clause 300
- Flashings: As clauses 480 & 482.
14. ADDITIONAL REQUIREMENTS:
System must be fitted as detailed in this Specification and with reference to Euroclad documentation.
All specified components are supplied through Euroclad working to ISO 14001: 2004 Environmental Management System
Flashings, Fabricated details and trims by Euroclad Architectural.
Penetrations such as flues, vents and access hatches to be weather proofed using a Liquid Applied Membrane as supplied and installed by MR Site Services <http://www.mrsiteservices.co.uk/>.
Photo Voltaic mountings, walkways and other roof mounted equipment to be provided by Euroclad or a Euroclad approved supplier.
Fall Arrest Systems from www.latchways.com