

EUROSEAM STANDING ANGLE SEAM, DOUBLE LOCK 27 MM AND 38 MM METAL CLADDING

PURPOSE

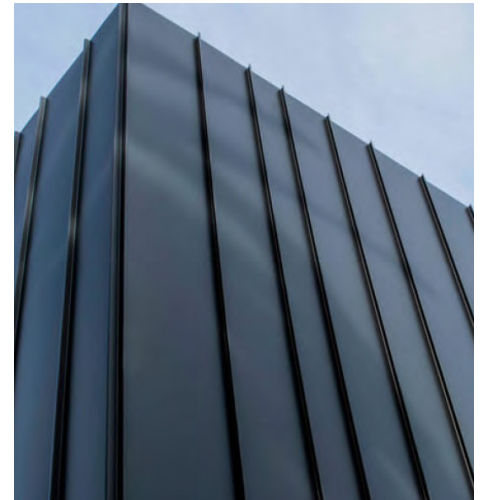
EuroSeam Standing Angle Seam, Double Lock 27 mm and 38 mm Metal Cladding (EuroSeam Standing Angle Seam Metal Cladding) is supplied by the Linked Group for use in external roof and wall cladding systems. Linked Group also supply custom profiles, flashings and components.

EXPLANATION

EuroSeam Standing Angle Seam Metal Cladding is long run metal tray cladding manufactured from

- 0.55 – 0.75 BMT Colorsteel®
- 0.70 – 0.90 BMT pre-painted or plain aluminium
- 0.60 – 0.80 mm copper finish, or
- 0.70 – 1.0 mm zinc.

The 27 mm profile has a folded standing seam of 27 mm and tray sections of 316 mm to 516 mm and the 38 mm profile has a folded standing seam of 38 mm and tray sections of 295 mm to 495 mm. The profiles lock together at the seam and are fixed with hidden sliding clips to a 15 mm minimum plywood substrate. With prior consultation with Linked Group on material and colour selection the profile can be fixed to cavity battens (for walls) or 70 mm x 45 mm purlins at 400 mm centres. For larger tray widths, Linked Group recommend the installation of an anti-canning layer between the building underlay and the EuroSeam Standing Angle Seam Metal Cladding.



For further assistance please contact:

- ☎ 0800 872 948
- ✉ eifion@linkedgroup.co.nz
- 🌐 [linkedgroup.co.nz](https://www.linkedgroup.co.nz)

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location In wind zones up to and including Extra High as defined in NZS 3604:2011 or a maximum wind design pressure (ULS) of 2.1 kPa. In all exposure zones as defined in NZS 3604:2011.	<ul style="list-style-type: none"> ➤ Fixing spacings must be calculated in accordance with section 3.9 of the NZ Metal Roofing Manufacturer's (NZMRM) Code of Practice (current version), or specifically designed. ➤ In exposure zone D, steel must not be used. ➤ Where microclimatic conditions apply (section 4.2.4, NZS 3604:2011), contact the Linked Group for technical advice.
On buildings located any proximity to a relevant boundary.	<ul style="list-style-type: none"> ➤ The design of the other external envelope elements must comply with the relevant fire provisions of the NZ Building Code.
Building In conjunction with a primary structure (timber or steel structural framing, or over structural panels) that complies with the NZ Building Code or where the designer has established that the existing structure is suitable for the intended building work. As a roof cladding.	<ul style="list-style-type: none"> ➤ Where installed over steel framing and where part of an insulated building, a thermal break is required. ➤ Minimum roof pitch must be 3°. ➤ Fixed to a minimum 15 mm plywood substrate or 75 mm x 45 mm purlins at 400 mm centres, subject to assessed loads based on material and colour selection. Consultation with Linked Group is required regarding material and colour selection. For larger tray widths, Linked Group recommend the installation of an anti-canning layer between the building underlay and the EuroSeam Standing Angle Seam Metal Cladding. ➤ Flashings, flexible building underlays, and fixings must be in accordance with E2/AS1 and/or the NZMRM Code of Practice (current version). ➤ Contact with other materials must be in accordance with E2/AS1 and the NZMRM Code of Practice (current version).
As an external wall cladding.	<ul style="list-style-type: none"> ➤ Must be installed over a drained and ventilated cavity. ➤ Fixed to a 15 mm minimum plywood substrate or cavity battens subject to assessed loads based on material and colour selection. Consultation with Linked Group is required regarding material and colour selection. ➤ Where installed vertically, castellated cavity battens are required. ➤ Flashings, flexible building underlays, and fixings must be in accordance with Table 23 of E2/AS1 and/or the NZMRM Code of Practice (current version). ➤ Contact with other materials must be in accordance with E2/AS1 and the NZMRM Code of Practice (current version). ➤ Where the building has a building height greater than 10 m and upper floors contain sleeping uses or other property, then the external wall must be subject to specific fire engineering design in respect of vertical spread of flame.

USEFUL INFORMATION

For design, installation and maintenance information, refer to [linkedgroup.co.nz](https://www.linkedgroup.co.nz).

CONDITIONS OF USE

› EuroSeam Standing Angle Seam Metal Cladding must be installed in accordance with all Linked Group requirements.

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Linked Group requirements, EuroSeam Standing Angle Seam Metal Cladding will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
B1 STRUCTURE B1.3.1 B1.3.2 B1.3.3 (a, b, c, d, g, i) B1.3.4 (a, b, c, d, e)	ALTERNATIVE SOLUTION	› Manufactured in accordance with AS 1397-2001. › Generally, in accordance with the NZMRM Code of Practice (current version) and E2/AS1.
B2 DURABILITY B2.3.1 (b) B2.3.2 (b)	ACCEPTABLE SOLUTION B2/AS1	› Materials in accordance with E2/AS1 and NZMRM Code of Practice (current version) which provides for profiled metal roofing and cladding solutions including the durability attributes of the building elements. › System componentry materials in accordance with Table 20 of Acceptable Solution E2/AS1 and section 4 NZS 3604:2011 and Table 1 of Acceptable Solution B2/AS1.
C3 FIRE AFFECTING AREAS BEYOND THE FIRE SOURCE C3.4 (a) C3.7 (a)	ACCEPTABLE SOLUTION CAS1, C/AS2 VERIFICATION METHOD C/VM2	› Metal is defined in C/AS1 and C/AS2 as non-combustible.
E2 EXTERNAL MOISTURE E2.3.1, E2.3.2, E2.3.5, E2.3.7	ALTERNATIVE SOLUTION	› Generally, in accordance with NZMRM Code of Practice (current version) and E2/AS1. › E2 Evaluation profile demonstrates compliance with Clause E2 [TBB, 01/2024].
F2 HAZARDOUS BUILDING MATERIALS F3.2.1	ALTERNATIVE SOLUTION	› Use in accordance with supplier's safety information. › Coating system is inert once dry.

SOURCES OF INFORMATION

› TBB. [03/2024]. E2 Evaluation of Linked Group EuroSeam Standing Angle Seam, Double Lock 27 mm and 38 mm Roof and Wall Metal Tray Cladding. V1.0.

SCAN OR CLICK THIS QR CODE TO ACCESS OR REQUEST THE RELEVANT SUPPORTING DOCUMENTATION FOR THIS PASS™.

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1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable. 2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards. 3. The product is not subject to a warning or ban under section 26 of the Building Act. 4. For overseas manufacturer details, where applicable, refer to the company that is the holder of this pass™. 5. The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™. 6. The availability of the information about the supplied products required to be disclosed under s14G(3) is the responsibility of the company that is the holder of this pass™.

Linked Group Ltd confirms that if EuroSeam Standing Angle Seam Metal Cladding is used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations

Date of first issue: 26/03/2024

Date of current issue: 26/03/2024

NZBN: 9429047312449

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that the process used to prepare this pass™ on behalf of Linked Group Ltd has been undertaken in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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