



Aluminium Wall Coping Installation Guide



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1. Preparation Before Fixing

Confirm that a minimum 18 mm marine-grade plywood or a suitable non-combustible substrate is installed to the parapet, together with an appropriate weatherproof membrane. These elements are to be provided by others and must be complete prior to installation of the coping system.

2. Positioning and Setting the Fixing Brackets

Position the coping brackets centrally over the parapet, ensuring the EPDM sealing strip is adhered in the centre of each bracket prior to fixing.

3. Securing the Brackets

Secure each bracket through the pre-formed fixing slots using suitable fixings appropriate to the substrate.

Bracket centres are influenced by several factors, including:

- Substrate type
- Coping width
- Building height and exposure

As a general guide:

- 750 mm centres when fixed through non-combustible substrates
- 1500 mm centres when fixed into a minimum 18 mm marine-grade plywood substrate

Where required, project-specific structural calculations can be provided to confirm bracket spacing based on wind loading and building height.

Note: Fixing hole positions within the brackets are pre-engineered to suit the coping overhang.

4. Additional Bracketing at Corners or Bespoke Pieces

Where corners, stop ends, or bespoke coping pieces are used, install additional half-brackets to one side only to provide adequate local support.

5. Fitting the Coping Panels

Installation should always commence with corner pieces, allowing the remainder of the coping run to be accurately aligned.

To install each coping section:

Hook the external drip return of the coping over the external downstand leg of the bracket

Rotate the coping over the parapet and down over the internal leg of the bracket, push firmly until the EPDM seal is fully compressed, forming a weather-tight seal. Hold the coping in place before mechanically securing the coping using a suitable fixing with neoprene washer through the internal downstand leg of the coping into the bracket.

This method is used for lengths, corners and stop ends alike.

6. Projection from Wall Face

Ensure the external face of the coping is installed at the predetermined projection from the finished wall surface, in accordance with the specified coping profile.

7. Cutting Lengths on Site to Suit Linear Dimension

Continue installing coping lengths along the wall run until the next corner, bespoke piece, or abutment is reached.

Measure the remaining distance accurately and cut the final coping length on site to suit.

After you have cut the length to suit, apply touch-up paint to all exposed aluminium edges to maintain corrosion resistance.

8. Allowance for Thermal Movement

Leave a 3 – 4 mm gap at all coping joints to allow metal expansion and contraction with temperature changes.

System Overview & Benefits

Stormguard wall coping profiles are pressed aluminium with acute folded edges designed to lock onto the fixing straps, creating a weather-tight and decorative finish.

Good Practice Tips

Always use the correct tools (e.g., circular saw with appropriate blade) and handle materials safely.

Check all measurements on site — walls and finishes can vary from design drawings.

Ensure all cut aluminium edges are touched up on site to prevent corrosion.