

Exterior Composite Wall Panel Installation Guide

[26mm Exterior Composite Wall Panel Walnut 290x21.9cm](#)



Step 1: Prepare the Wall Surface

Ensure the wall is clean, dry, and free of dust or debris. Use a brush or cloth to clean the area thoroughly. This will help the adhesive bond properly. Ideal surfaces: wood, cement, metal, brick.

Step 2: Plan Your Layout

Before applying any adhesive, plan the layout of your panels. Use a level and pencil to mark where each panel will go. Mark a centerline or starting point based on your desired layout (horizontal or vertical). Dry fit a few panels to visualize spacing and alignment.

Step 3: Apply Adhesive or Install Over Timber Joists

There are two common methods to install exterior composite wall panels: directly bonding them to the wall with adhesive, or mounting them on timber joists for additional support and ventilation.

****Option A: Direct Adhesive Installation****

Load the Bostik MSP 107 adhesive (or any other good adhesive) into a caulking gun .Apply vertical beads on the back of the panel every 5-10cm. Apply adhesive near the edges and center for secure bonding. Don't overdo it — moderate, even lines work best.

Exterior Composite Wall Panel Installation Guide

****Option B: Installing Over Timber Joists****

1. Install vertical timber joists (treated, approx. 25-30mm thick) onto the wall at 40-60cm intervals.
2. Secure the joists using appropriate exterior-grade wall anchors (e.g., plugs and screws for masonry).
3. Apply Bostik MSP 107 adhesive directly on the joists ****or**** screw the composite panels into the joists using stainless steel screws (concealed where possible).
4. Use a level to ensure panels are aligned vertically.
5. Maintain a 5-10mm expansion gap at the top and bottom edges, and between panels if needed.

Choose the method that best suits your wall condition..

Step 4: Mount the Panels

Place the panel onto the wall according to your layout. Press firmly and use a level to ensure it is perfectly vertical. If using joists, screw or clamp it as needed.

Step 5: Cutting & Finishing (Optional)

Trim panels with a fine-tooth saw for custom fits. Use finishing trim where necessary for edges or corners. Panels can be cut to fit under eaves or around fixtures. Clean off any excess glue immediately with a cloth.

Step 6: Curing Time

Allow adhesive to cure fully, ideally for 24 hours. Avoid touching or stressing the panels during this period. The Bostik MSP 107 sets well in outdoor conditions.

Maintenance Tips

Wipe panels with mild soap and water annually. Inspect for any loosening or wear and re-secure or replace as needed. Composite panels require minimal upkeep.

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Important Notes

- Install only between +5° C and +35° C.
- Always read and follow adhesive safety instructions.
- Maintain proper ventilation behind the panels if using joists.
- Store panels flat and dry before installation.