INSTALLATION GUIDE

Semicircular Fluted Wall Panel

Applies to BYPVCWN26002609 / BYPVCLO26002609 and other Kairui fluted wall panels. Read fully before starting. Installation method: glue / nail / staple.

Tools & Materials

Tape measure, level, chalk line, fine-tooth saw or miter saw, construction adhesive (polyurethane or MS polymer), nail gun or brad nailer with 18–20 mm brads, staples (stapler), caulk or color-matched filler, clear construction-grade adhesive, ladder/scaffold, PPE.

Before You Start

• Panels are for interior use only. Allow panels to rest flat in the room for 24–48 hours so they acclimatize to temperature and humidity.
• Wall surface must be clean, dry, flat and structurally sound. Remove loose paint and dust.
• Locate studs or install furring strips at max. 400 mm centers for best fixing.
• Plan the flute direction and dry-fit a full row before fixing anything.

Installation Steps

1. Plan & Mark

Find the high point of the floor and snap a level baseline at the height of the first panel. Mark vertical guide lines at panel widths (260 mm) so every panel lands plumb. Decide corner treatment: miter outside corners or finish with a trim profile.

2. Cut to Length

Cut panels with a fine-tooth saw, face down, to the wall height minus a 5 mm expansion gap at top and bottom. Miter or butt corners as planned. Keep flutes aligned when cutting adjacent panels so the rhythm continues across joints (panels are supplied in uniform 2600 mm lengths).

3. Apply Adhesive & Fix

Apply zigzag beads of construction adhesive to the back of the panel. Press the panel onto the wall, aligning with your vertical guide lines. Immediately secure with brads or staples along the flat valley between flutes where fixings are least visible, roughly every 300 mm, into studs or furring.

4. Butt-Joint Successive Panels

Join the next panel edge-to-edge (butt joint). Cut ends must be clean and square. Do not force panels together; a hairline joint is correct and should be checked for flushness with a straight edge.

5. Finishing

Fill nail holes with color-matched filler, seal top/bottom gaps with caulk or cover with skirting and trims. Wipe the surface with a dry or slightly damp cloth. Do not use abrasive cleaners.

Ceiling Installation

The same panel can be installed on ceilings. Extra mechanical fixing (screws into joists or furring at max. 300 mm centers) is recommended in addition to adhesive. Always follow local building codes for suspended or attached ceiling assemblies.

Care & Maintenance

Wipe with a soft, dry or slightly damp cloth. Avoid steam cleaning, solvents and abrasive pads. Indoor relative humidity 40–60% is recommended.

For the full specification, download the Product Information Sheet for the exact item number, or contact sales@kairui-home.com. Video walkthrough: see the installation video section on the product page.