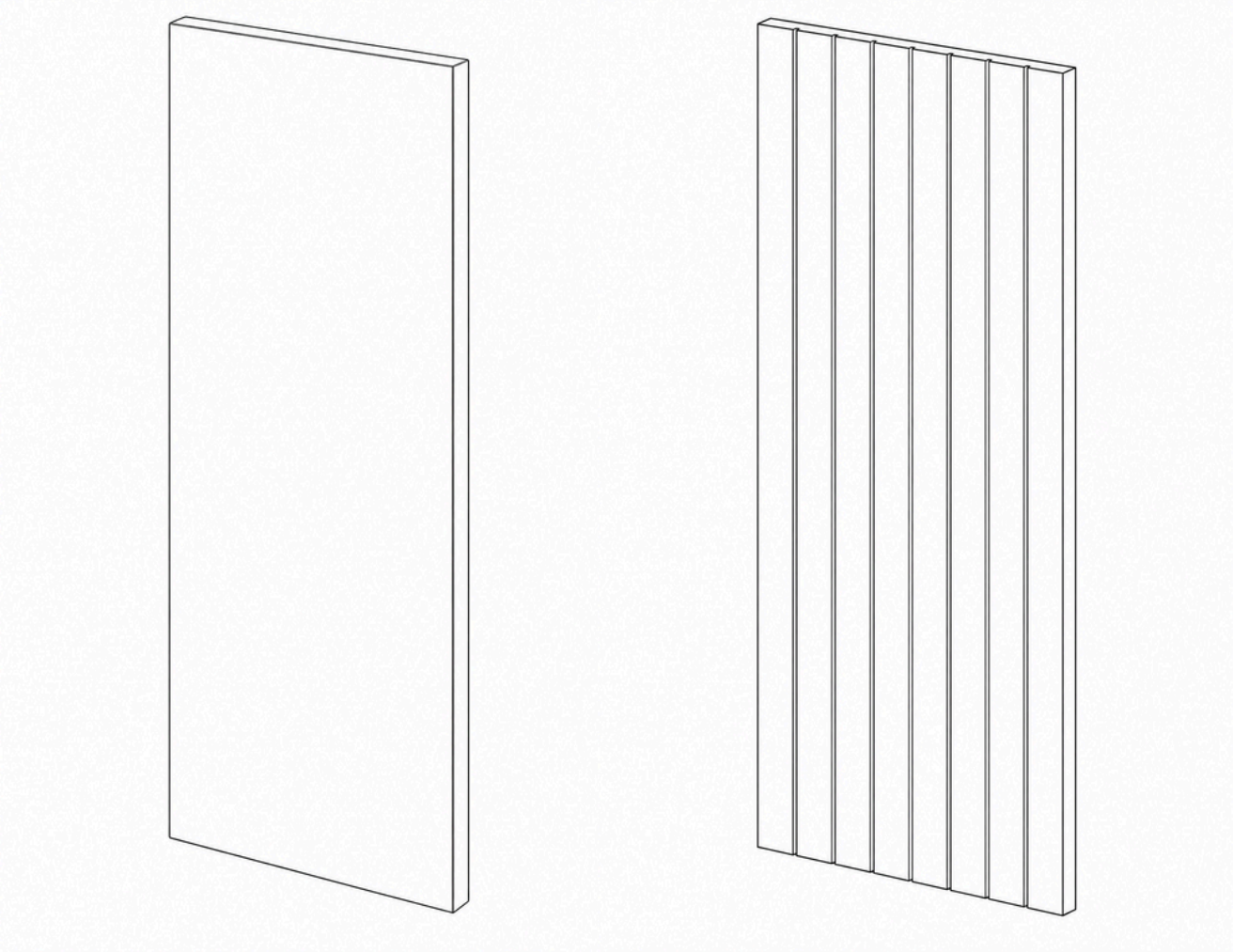
SANA

ACOUSTIC WALL PANELS

INSTALLATION & USER GUIDE



SANA ACOUSTICS

VISIONCHART

IMPORTANT WALL APPLICATION ONLY. This guide does not cover ceiling installation.

Installation summary

1. Check the delivery, arrange panels in sequence and mark the top of each. Cutting or installation confirms acceptance.
2. Prepare a flat, dry, clean, stable and sealed wall. Adhesive cannot compensate for an unsuitable substrate.
3. Set out to the approved layout and test the cutting method on an offcut.
4. Use either Tensorgrip X41 Acoustic Panel Spray Adhesive or Tec7 MS Polymer Adhesive, following the selected product's instructions.
5. Position the top or joining edge first. Tensorgrip X41 forms an immediate contact bond and does not allow the panel to slide after contact.
6. Press or roll the complete panel. Protect it for at least 24 hours and follow the selected adhesive's curing instructions.

Products covered

PRODUCT	NOMINAL PANEL SIZE	INSTALLATION NOTE
SANA PET Acoustic Wall Panel 12mm	2800 x 1225 x 12mm	Solid pinnable face. NRC 0.45 with 0mm air gap.
SANA PET Acoustic Wall Panel 24mm	2800 x 1225 x 24mm	Solid pinnable face. NRC 0.75 with 0mm air gap.
SANA Linea PET Acoustic Wall Panel 12mm	2600 x 1200 x 12mm	V-groove face. Follow the Linea set-out on page 4.

Sizes are nominal, and panel thickness may vary by 1–2mm. Measure and square each panel before cutting.

Delivery checks

- Check product, colour, quantity and condition against the order and approved sample. Record freight damage on the delivery docket before the driver leaves.
- Arrange panels in installation order under lighting similar to the finished space. Check colour, shade and thickness.
- Mark the top and sequence number on the back of each panel. Keep every panel in the same orientation, as the PET shade may appear different if a panel is rotated.
- Do not cut or install an unacceptable panel. Cutting or installation confirms acceptance.

Handling and storage

- Use two people and carry panels upright. Do not bend or flex them, as creasing may be permanent.
- Lift each panel clear of the one below. Do not drag panels across one another, as this can mark the face.
- Store panels flat, indoors, clear of concrete floors and never on edge. Use clean gloves and a clean work surface.
- Keep panels away from direct sunlight, heaters and temperatures of 65°C or above.

Wall preparation

- The wall must be flat, stable, clean, dry and dust-free. Fill and sand defects; remove grease and loose coatings.
- Seal porous substrates before applying adhesive. This includes plasterboard, timber, MDF, blockwork and concrete.
- Complete wet and dusty trades, enclose and ventilate the area. Protect floors, fixtures and fire detectors from overspray and cutting dust.
- Bond a test piece to the substrate before installation. Confirm the selected adhesive suits the panel and substrate.
- Correct any damp, friable or out-of-plumb surfaces before installation.

What you need on site

- **Set-out:** Tape measure, pencil, square or straightedge, level or laser, and the approved panel layout.
- **Cutting:** Sharp long-blade utility knife with a metal guide; track saw or circular saw with a guide where a powered cut is required.
- **Fixing:** Either Tensorgrip X41 Acoustic Panel Spray Adhesive and a clean smooth carpet roller, or Tec7 MS Polymer Adhesive with an appropriate application gun and temporary supports where required.
- **Protection:** Clean gloves, drop sheets, masking, and the PPE and ventilation specified in the selected adhesive's safety data sheet.

Set out and cut

- Measure each wall section for width, height, level and square, then compare with the approved layout.
- Where full panels do not fit, position cuts as shown. Equal cuts at both ends often provide the most balanced appearance.
- Mark cut lines on the back and keep the top mark and sequence number visible.
- Test the cut on an offcut of the same panel and thickness. Confirm a clean edge without tearing, fibres or heat damage.
- Use sharp blades, a steady feed and only enough clamping pressure to prevent movement. Make several light passes with a knife and keep guards fitted on power tools.
- **Linea:** Cut between grooves unless the approved layout requires otherwise.

Select and apply the adhesive

Use one approved system and follow its current product and safety data sheets. Product instructions take precedence over this guide.

Option 1 — Tensorgrip X41 Acoustic Panel Spray Adhesive

- Place the panel face down on a clean drop sheet and protect nearby surfaces from overspray.
- Hold the spray applicator square to the surface and 10–20cm away. Apply an even web pattern to 80–100% of both the wall and the panel back. Keep adhesive off the face and finished edges.
- Overlap each pass by approximately half. Apply vertical passes to one surface and horizontal passes to the other.
- Allow the adhesive to become dry but tacky, without transfer when lightly touched. Bond within the open time in the current Tensorgrip X41 data sheet.

Option 2 — Tec7 MS Polymer Adhesive

- Apply Tec7 with a suitable manual or pneumatic gun to a clean, stable and dust-free surface.
- Use the bead size, spacing and coverage specified by Tec7 for the substrate and panel weight. Keep adhesive clear of the panel face and finished edges.
- Position and press the panel evenly into the wet adhesive. Support it where required until sufficient strength develops.

Position and finish

- With a second installer, align the top or joining edge before bringing the remaining panel into contact with the wall.
- Press from the centre towards the edges. For Tensorgrip X41, roll the complete panel with a clean carpet roller within 10 minutes, working towards the joins. For Tec7, press and support the panel as directed in the product instructions.
- At normal eye level, confirm the panel is flat, secure and free from bubbles, wrinkles, gaps, lifted edges or adhesive marks.
- Protect the installation and ventilate the area for at least 24 hours, or longer where required by the selected adhesive's curing instructions.

Joins and SANA Linea

- Install one panel at a time in the sequence marked on the back.
- Before applying adhesive, place the next panel against the installed panel and inspect the join. Faces should align despite normal thickness variation of 1–2mm.
- Where required, pack a thinner panel with an approved spacer strip. Do not use excess adhesive to compensate for significant thickness differences.
- Apply a controlled amount of adhesive near the join as instructed. Excess may squeeze through the seam under pressure.
- **Linea:** Install grooves vertically unless the approved layout states otherwise. Align the first panel to a laser line, then check each join to maintain consistent groove spacing. Apply firm, even pressure without flattening the grooves.

Before you leave site

- Confirm that panel sequence, direction and orientation match the approved layout.
- Confirm that panels are plumb, square and fully bonded, with no bubbles, wrinkles, gaps or lifted edges.
- Check that joins are tight, faces are flush, and Linea grooves are straight and continuous across each join.
- Remove adhesive from the face or finished edges using the adhesive manufacturer's approved method. Complete and protect perimeter edges as specified.
- Remove offcuts, adhesive containers, masking and debris. Advise the customer of the selected adhesive's minimum curing and protection period.

Troubleshooting

If this happens	Do this
Panel will not bond	Stop work. Check the wall sealer, adhesive coverage and the selected product's application and open-time requirements. Do not add unapproved fixings.
Bubble or loose area	Press from the centre out and re-roll or re-press while within the adhesive's working time. If the area remains loose, stop and contact the supplier.
Join not flush, or Linea grooves out of line	Stop work. Recheck wall flatness, panel thickness, sequence and squareness against the approved layout.
Adhesive on the face	Do not spread the adhesive. Use the manufacturer's approved cleaning method after testing it on an offcut.
Panel damaged or loose after curing	Keep the area clear and arrange an assessment before repair or replacement.

Care – Leave this information with the customer

- Remove dust with a soft cloth or a vacuum fitted with a clean, soft-brush head.
- Blot spills immediately with a clean, dry cloth. Do not rub or saturate the panel.
- For spot cleaning, use mild detergent in warm water and test it in an inconspicuous area first. Apply lightly, blot, rinse with a clean damp sponge, blot dry and allow to air dry away from heat and sunlight.
- Do not scrub or use abrasives or carpet shampoo. Use a professional cleaner for persistent marks.
- Protect panels from prolonged direct sunlight and direct heat.

Need help?

Contact the supplier you purchased the SANA PET Acoustic Wall Panels or Visionchart. Quote product code and describe the issue. Keep your proof of purchase available.

www.visionchart.com.au | service@visionchart.com.au