

SHOWER PANELLING BY

luvanto



Fitting Instructions & Care Guide

INSTALLATION GUIDELINES

Please read these guidelines thoroughly before beginning installation. We recommend that you have Shower Panels by Luvanto installed by a professional installer. However, if you wish to do it yourself, follow the easy-to-follow guide below.

Tools Required: Level, Laser Level, Measuring Tape, Pencil, Pinless Moisture Metre, Silicone Gun, Adhesive (see Recommended Adhesive below), Suction Cups, Finishing Trims, Goggles, Face Mask, Gloves. Additional Tools for Wet Areas: Sanitary Silicone Sealant, Masking Tape, Scraper. Professional installers will have all the necessary tools for the job.

Recommended Adhesive: Everbuild EB25 or equivalent hybrid sealant/adhesive

Trims Available

- Internal Corner
- External Corner
- End Cap Trim
- Joining Trim

1. Precautions:

- The panels must be carried by 2 persons at all times.
- Work in well-ventilated areas. Wear suitable PPE during cutting/drilling activity.
- Use appropriate tools for cutting to prevent edge damage.
- Do not remove surface protective film until installation is complete.
- The panels must not be installed near to open flames or excessive heat sources.

2. Preparation of Your Wall Surface

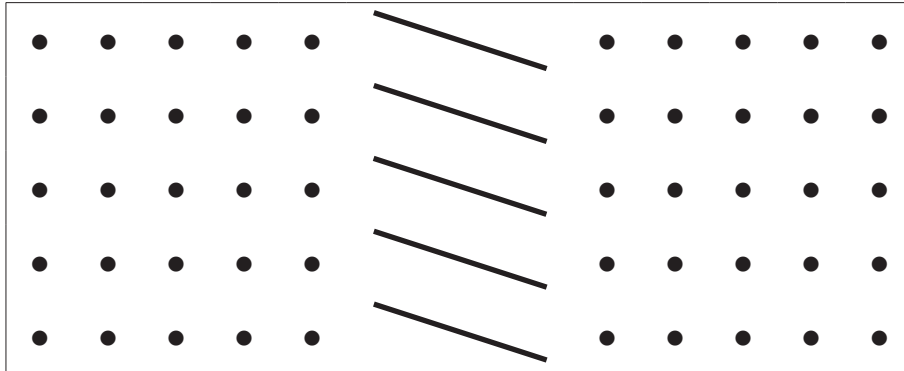
- Panels are suitable for flat surfaces only, not curved walls or columns.
- Ensure all concealed work, electrical wiring, and plumbing work are completed before installation.
- Check that the moisture content of the wall is below 20%. Treat for moisture if necessary.
- Verify wall surface flatness using a level; it should be $\leq 1.5\text{mm/m}$.
- Measure from top to bottom of external and internal corners; the difference should be $\leq 1\text{cm}$.
- Apply filler to cracks and uneven areas and allow to dry before beginning installation.
- Ensure the wall surface is firm, dry, clean, and free of oil stains or peeling. Remove any paint, wallpaper or other contamination which may affect the bonding strength.
- Apply wall hardener or stabilising solution to rough walls to increase bonding strength between adhesive and wall.

3. Installation Preparation

- Carefully inspect all wall panels for any signs of damage such as cracks, chips, or scratches. Any damaged panels should be replaced prior to installation to ensure a satisfactory finish.
- Store the panels and trims flat on a dry surface. Avoid stacking directly on moist concrete floors. Panels must be stored indoors in ambient temperature between 16°C and 24°C and 35% to 55% relative humidity.
- Allow the panels to acclimatise for at least 24 hours before installation. Ensure room conditions match the usual living conditions.
- Installation should commence only after the building is fully watertight, heating systems are operational, and any residual moisture from construction has dried.

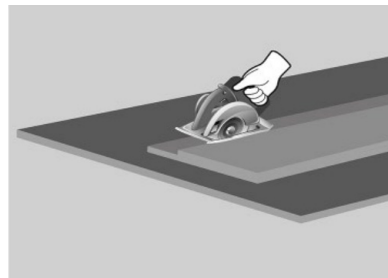
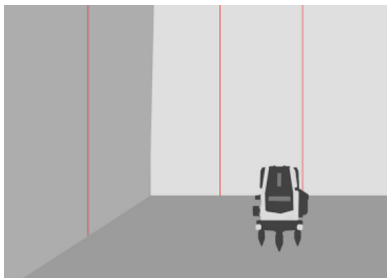
4. Glueing Method

- Apply five diagonal strips of glue in the centre of the back of the wall panel, each strip 60-80cm long.
- Create five columns of glue dots to the top and bottom of the back of the panel, with dots spaced 10-20 cm apart.

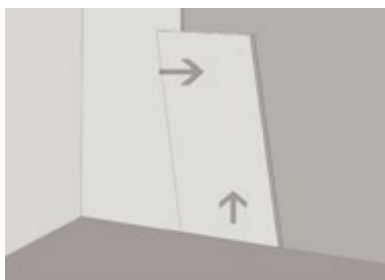


5. Installation Steps

- Use a laser level to mark the wall surface into blocks according to panel size.
- Draw layout of each panel in advance.
- Where panels need cutting to fit, use a track saw or hand saw with a suitable blade.
- Place the panels against the wall to mark the positions where wall sockets and switches will be located.



- Clean the back of the board. Apply the adhesive to the back of each panel as per the Glueing Method.
- Press the panels to the wall, starting with the tongue side and working up from the bottom. Ensure they are aligned with marked lines. Check alignment with level after installing each panel.
- After installing every 4 panels, check horizontal and vertical alignment with laser level.
- Use a roller or a flat tool to firmly press the panels onto the wall surface, ensuring good contact with the adhesive. Take care not to scratch the decorative surface.
- For internal/external corners, mount the metal trims to the wall using the adhesive or suitable masonry screws if appropriate.



- When installing in wet areas, seal all joints between panels and trims by applying a bead of silicone sealant to each joint before installing. Seal all other edges and joints which may have contact with water (eg. around shower trays) to prevent any water penetration behind the panels.
- Clean up any debris or excess material from the installation process.

6. Accessories Available

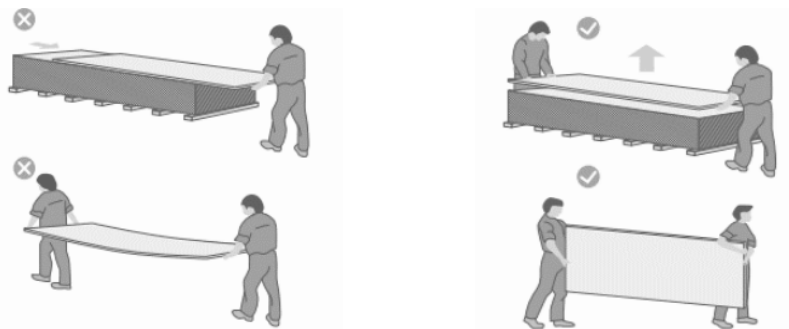
1. External Corner	2. Internal Corner	3. End Cap Trim	4. Joining Trim

7. After Installation

- Remove the surface protective film from the panels and immediately clean any residue or contamination from the decorative surface.
- Allow 24 hours for the adhesive to cure after installation. Avoid any impact or movement of the panels during this time.
- Protect the panels from damage during any further installation activities.

8. Storage & Transportation

- During transportation, stack the panels horizontally to maintain their flatness.
- Secure the panels adequately to prevent damage during transit.
- Handle boards with care during unloading and carrying to prevent damage to the corners.
- Store the panels and trims flat on a dry surface. Avoid stacking directly on moist concrete floors. Panels must be stored indoors in ambient temperature between 16°C and 24°C and 35% to 55% relative humidity.
- To lift and carry the panels, hold them at both ends and keep them upright to avoid bending.



9. Care & Maintenance

- Use a soft, dry cloth to gently remove any dust or dirt from the surface.
- For any stains or spills on the panels, use a mild detergent solution and a clean, damp cloth to gently clean the affected area. Clean spills immediately to avoid staining.
- Do not use any abrasive materials or harsh chemicals like stain remover, which may damage the surface.
- We recommend using protective measures such as furniture pads to prevent damage to the wall panels from furniture or other objects. This can help to prolong the lifespan of the panels and maintain their appearance over time.