Aqua Wall
Fitting Instructions

AQUA WALL®
BY VERONA

SPC Wall Panel Installation

This guide provides the official procedures for installing Aqua Wall panels with a ClickSeal™ locking system. Adherence to these instructions is critical for a safe, efficient, and warrantied installation. Please read this document in its entirety before beginning your project.

Installation: Scan here to view our step-by-step installation video.

Important notes

Environment: The room must be fully enclosed with a stable, regulated temperature-controlled system to ensure that the room is kept within the working temperature of the panels (10 - 37°C). Avoid areas with excessive heat or extended direct sunlight, such as sunrooms and conservatories. Protect panels from direct sunlight exposure with interior window coverings such as shades, curtains or blinds.

Variations and Surface Imperfections: Aqua Wall panels are manufactured to strict tolerances; however, slight variations in colour, texture, pattern, finish, or minor surface blemishes (such as micro-spots, fine lines, or subtle surface finish marks) are inherent in the manufacturing process and do not constitute defects or affect the performance of the panels.

Variations in colour, shading and texture may occur between different batches of SPC, therefore we recommend you purchase sufficient packs in one go to complete your project.

Prior to installation, you must inspect all panels carefully for defects, colour variation or surface imperfections. Once installed, panels are deemed to be accepted, and no claim will be accepted for visible defects that should reasonably have been discovered before fixing.

Safety first

Two-Person Job: Panels MUST be handled by a minimum of two people to prevent injury and product damage.

PPE: Use appropriate personal protective equipment, including gloves, safety glasses, and face mask when cutting panels.

No Nailing: To prevent cracking and damage, do not nail through the panels. If you need to screw anything onto the sub-wall, such as a shower enclosure, follow the instructions for drilling holes and allow at least 3mm expansion gap all around the screws by making the diameter 7mm greater than the screw.

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SECTION 2: PREPARATION

Storage & acclimatisation

Important: Panels should be transported horizontally and stored on a flat, solid surface to prevent warping. Do not store or stand panels on their edges as this may damage the locking system. Acclimatise panels for a minimum of 24 hours prior to use by unboxing panels and separating them. Lay the panels flat in the room, keeping room temperature between 10-37°C.

Tools you may need

- Sealant gun
- 3mm spacers / packers
- Sanitary clear silicone sealant
- Sealant finishing tool
- Grab adhesive for SPC panels
- Handsaw / circular saw
- Hole saw / mitre saw
- Waterproofing tanking kit
- Spirit level / laser level
- Pencil / marker pen
- Rubber mallet
- Drill
- Tape measure
- Trims
- Heavy duty wipes
- Moisture level meter

Wall surface requirements

Clean and stable: Walls must be structurally sound, dry, and free of all grease, contaminants, and old mouldings.

Flatness: The surface must have a flatness tolerance of no more than 2mm over 1m.

Moisture check

Verify moisture content is within limits (Concrete < 5%, Gypsum < 10%, Brick <20%, Wood < 12%, Cement Board < 12%). Proper ventilation in the bathroom is essential to prevent moisture build-up and mould growth. Ensure that the area has sufficient air circulation through vents or an extractor fan.

SECTION 2: PREPARATION

Preparation

The British Standard for wall preparation when fixing wall shower panels is primarily governed by BS 5385 – Part 1. Any screws, nails or fixings must be removed from the surface. The wall must be smooth, clean, dry, and free of dust, oil, grease, and any other contaminants that could affect adhesion. The surface should also be flat and structurally sound. Use a spirit level check the wall surfaces are straight, flat and smooth. Wall flatness tolerance must be no more than **2mm over 1m.**

If required, use backer boards or repair the substrate to reach the flatness required. Allow sufficient time for any plaster / repair work to completely dry out. This will ensure that the wall panels can be aligned correctly and the joints lock into each other without issues. Use a high strength grab adhesive for optimal bonding. Non-water-soluble adhesives are recommended for wet areas.

Important: For wet areas we recommend using a tanking kit to create a waterproof barrier prior to installing the wall panels.

Ensure that all fittings including the bath / shower tray are level.

All large or heavy pieces of fixed furniture (cabinets, etc.) should be installed before fixing the wall panels.

Patterns: Unbox and sort panels before installation to avoid repeating patterns.

Please note: Our gloss-finished panels have a protective film. It is recommended to keep the film in place until the panel is in its final fitting location. Check each panel for damage or imperfections prior to installing them.

Planning your layout

To achieve a symmetrical, professional look, the first and last panels should be roughly equal in width. This can be adapted for personal taste.

Measure the height and width of the walls, then calculate if you need to cut the panels to fit (do not include the ClickSeal™ locking profile).

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SECTION 3: INSTALLATION

Step 1: First panel installation

1. Before marking out your panels, position the panels with the groove facing outwards to enable consecutive panels to connect when installed. Measure and make cuts to the first panel (if required). Measure the height of the wall from the floor to the ceiling in several places and transfer this to the panel allowing a minimum 3mm expansion gap at the base and top of the panel. TIP: Apply masking tape to the top surface of the panel prior to marking out your cutting lines. Use a spirit level or straight edge and pencil to make the cutting line on the panel.

2. With the panel facing upward, use the saw to cut the panel following the pencil line. Make sure the panel is wiped clean after cutting and any rough edges removed.

3. For panels where trims will be applied, for example at the outer ends or where panels meet at a corner, cut off the ClickSeal™ locking profile(s) on the side(s) where the trim(s) will be applied.

4. When cutting the panels around fixtures and fittings, ensure your measurements are accurate by taking vertical and horizontal measurements. Transfer these to the relevant panels ensuring the locking joints are located at the correct side of the panel, and the panel is the right way up when installed.

5. If you need to drill holes for pipework or fittings, make the diameter of the hole 7mm bigger than the screw to allow for expansion. Drill holes using a hole saw - take care to drill slowly without undue force to avoid cracking or damage to the panel. Wipe down panel to remove any burs and debris.

6. Before fitting the panels to the wall, use 3mm packers / spacers between the panel and the floor / shower tray / bath and the same joint at the corners.

7. Offer the panel up to the wall to ensure that the panel fits in its location. Once this is established, carefully remove any protective film that may be on the front of the panel, then apply thick lines of 5-6mm grab adhesive in a vertical stripe pattern on the back of the panel 20-25mm from the edges. Ensure the lines are a consistent thickness.

8. If required, install the end trim onto the outer edge of the panel (with the locking profile removed) before applying the panel to the wall. Apply a bead of silicone sealant into the trim channel to ensure a watertight seal is achieved.

9. Use a laser level to ensure the panel is perfectly plumb (vertically straight). This is the most critical check. Once the panel is located, press the panel firmly to the wall checking that it is flat and perfectly vertical to ensure the joints on all consecutive panels will align.

SECTION 3: INSTALLATION

Step 2: Installing subsequent panels

With the first panel as your perfect guide, continue building the wall with a consistent technique to ensure tight, seamless joints.

1. Apply a continuous bead of silicone sealant (approx. 3mm thick) into the groove of the already installed panel.

2. Take the next panel, angle its locking joint into the silicone sealant-lined groove at approximately 15-20°. Ensure its bottom edge aligns with the previous panel.

3. Gently push the panel towards the wall until the ClickSeal™ profiles lock together. The seam should be tight (≤0.2 mm).

4. Secure the panel by pressing it against the wall. Wipe away any excess silicone sealant from the seam immediately.

Step 3: Finishing the wall

1. The last panel - Measure the remaining gap to the corner or where you want the panels to end. Cut the panel to this width.

2. Add trims as required and install the final panel in the same way as previous panels.

3. Next wall - Repeat the entire process (starting with Step 1)

4. If panels meet at a corner, remove the ClickSeal™ locking profiles from the edges where they meet and use the appropriate trim (internal or external corner) to create a neat joint between the two panels. See page 6 for details of the corner trims. Apply a bead of silicone sealant into the trim channel to ensure a watertight seal is achieved. Remove any surplus silicone as you go using heavy duty wipes.

Step 4: Sealing

The final steps involve applying the finishing sealants (if not already applied) for a clean, professional look that covers all expansion gaps.

1. Any wall panel edges that do not have trims applied, and any other expansion gaps, must be filled using a good quality silicone sealant.

2. Apply a neat bead of silicone along the bottom edge where the panels meet the floor, trim or shower tray and in any other wet areas.

3. Ceiling edge: Use trims or silicone sealant to create a neat, watertight finish.

SECTION 3: INSTALLATION

Step 4: **Sealing** *(continued)*

Allow Curing Time: After fixing the panels, allow approximately 72 hours curing time for both adhesive and sealants before using the shower area. Please refer to your adhesive / sealant manufacturer's instructions for further details.

Following these instructions should ensure that the wall surface is adequately prepared for panel installation and that the panels will stay securely in place without issues.
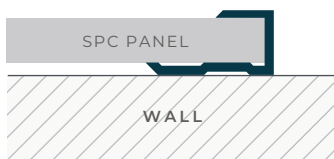
Transition points & curved walls

• Right-Angle Corners: Use inner and outer trims for a professorial finish. Install as per diagrams below..

• Curved Walls: Lay the panel back side up. Use a straight router bit to create flexible grooves on the back. Space the grooves 6-8 mm apart. The tighter the curve, the closer the grooves should be. Gently bend the panel to match the wall's curvature.
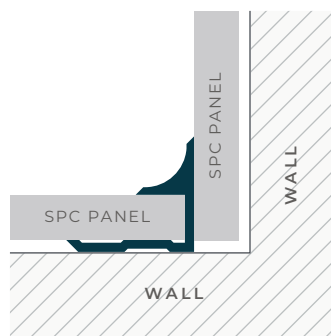
Trim types

End trim
Used to create a neat finish where vertical edges are exposed at the end of a panel. Can also be used horizontally at the top and bottom of panels to provide a neat, watertight finish.
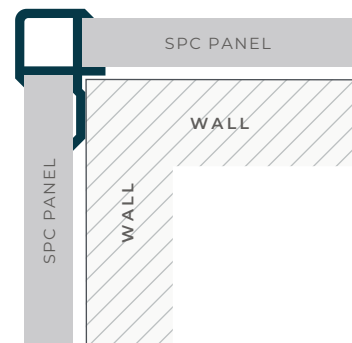

Inner corner trim
Use these where two panels join internally at a right angle.

Outer corner trim
Also used where two panels join at a right angle, but on outer corners.

Please note: the ClickSeal™ locking system should be removed where it is being installed into a trim. Always apply a bead of silicone within the trim during installation to ensure a watertight seal.

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SECTION 4: AFTERCARE

Care & maintenance

Your Aqua Wall panels are designed for longevity and easy maintenance. Follow these guidelines to keep your walls looking pristine.

Cleaning protocol

- **Initial maintenance:** Use a neutral pH cleaner to clean the surface of the wall panels after installation.

- **Daily/weekly cleaning:** Wipe off dust gently with a soft, dry cloth. For routine cleaning, use a damp cloth with a neutral pH cleaning solution. Do not use any abrasive cleaning products.

- **Spills:** Clean any spills immediately with a clean cloth or paper towel to prevent potential staining.

Preventative care

- **Sunlight:** Avoid prolonged, direct exposure to intense sunlight by using curtains or blinds to prevent fading.

- **Impacts:** Use protective measures to prevent damage from sharp or heavy objects.

- **General:** Regular cleaning and care are recommended to keep the panels in good condition for years.

SECTION 5: SUPPORT

Troubleshooting & FAQ

Answers to common questions and solutions for potential issues that may arise during installation.

Q: **The gap between my panels is too wide. What did I do wrong?**

This is usually caused by not fully engaging the ClickSeal™ locking system. Ensure you are angling the panel correctly and applying even pressure to lower it. Also, check for any debris in the groove of the installed panel that might be preventing a tight fit.

Q: **My first panel wasn't perfectly straight. Can I fix it?**

If the adhesive has not fully cured, you may be able to gently pry the panel off and reset it. However, it is much better to spend extra time ensuring the first panel is perfect. A slightly out-of-plumb first panel will be magnified with each subsequent panel, resulting in a crooked wall.

Q: **Can I install these panels in a bathroom or shower?**

Yes, these panels are 100% waterproof. For wet areas, it is absolutely critical to apply a continuous bead of high quality silicone sealant in every ClickSeal™ joint and around all fixtures and edges to ensure a watertight seal. We also recommend tanking your walls prior to installation.

SECTION 6: WARRANTY INFORMATION

Aqua Wall shower panels are supplied with a 20-year structural guarantee. We warrant that, under normal conditions and when correctly installed and maintained in accordance with our installation and care instructions, the structural integrity of the product — meaning the core composition of the panel and its ability to remain free from splitting, delamination, or other failure of the core material and its locking system — will not fail within 20 years from the date of purchase.

Because specific installation details, structural design, and environmental conditions are beyond the control of the Company, this warranty does not cover any failure, damage, or defect arising from incorrect installation, improper site conditions, or unsuitable maintenance practices. In particular, any failure to follow the Company's published installation or care instructions will void this warranty.

Examples of exclusions include (but are not limited to):

• Incorrect or inadequate sealing, or the use of unsuitable sealants or adhesives

• Water ingress due to poor sealing or inadequate jointing

• Failure to follow the installation and care instructions provided

• Damage caused by excessive heat

• Use of abrasive cleaners, harsh chemicals, or other improper cleaning methods

• Physical impact, misuse, neglect, or alteration of the product after installation

In the event of a latent manufacturing defect that affects the structural integrity of the panel, the Company will, at its sole discretion, replace the defective product free of charge. This warranty covers product replacement only and does not include the cost of removal, reinstallation, labour, or any consequential or incidental loss or damage.

Panels must be inspected prior to installation. The Company cannot accept responsibility for panels installed with visible defects, and no claims for visible faults will be accepted once panels have been fitted. Variations in colour, shading, and texture may occur between production batches. We recommend purchasing sufficient panels from the same batch to complete your project.

All warranty claims must be submitted through the original point of sale, supported by original proof of purchase (receipt or invoice). The Company must pre-approve, in writing, any product replacement before work is undertaken.

This warranty applies only to the original purchaser and is non-transferable. No other express warranties are given. These terms are in addition to and do not affect your statutory rights.