IPSL
Interior Panel Systems

AquaBord T&G
Tongue & Groove Wall Panel Range

TOOLS & MATERIALS

Here is a checklist of what you require to install your panels:

* Aquabord PVC T&G Panels
* Adhesive
* Silicone
* Trims
* Measuring Tape
* Masking Tape
* Handsaw/Jig Saw
* Hacksaw
* Pencil
* Spirit Level

PREPARATION

1. PVC is commonly known to expand in humid conditions. Prior to carrying out any work or measurements, allow time for the panels to climatise with the environment (24 hours). Within the project area ensure the panels are laid flat.

2. Aquabord requires being fixed to a flat solid surface, prepare the area beforehand and ensure that it is free from film, dirt and other residues.

TIPS/HEALTH & SAFETY

1. Some of your panels come with protective film, please leave on during cutting as this will help protect against any damages or scratches.

2. Always cut and drill with the decorative side of the panel face up. When sawing, carefully cut the panel using a jig saw with a 1mm pitch cutting blade or alternatively a handsaw.

3. Health & Safety is key when installing your project, always wear protective glasses when cutting to avoid irritation.

INSTALLATION GUIDE & MAINTENANCE

Tips For Successful Installation
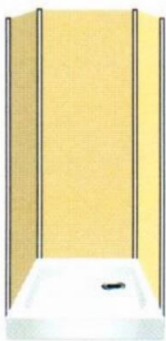
* Measure twice and cut once.
* Support panels during cutting and trim rough edges with a knife.
* When sawing, carefully cut the panels with a 1mm pitch blade or with a 15 teeth per inch handsaw. Colder conditions will increase the brittleness of the panels, increasing the room temperature will make the panels and trims easier to cut without splitting.
* Apply adhesive evenly across the panels in 10cm x 10cm squares to form a grid system, don't apply too close to the edges or this will spill out onto the face of the panels.
* Allow for a 3mm gap at the edge of the panels to allow for expansion, hide this inside trims.
* We strongly recommend using the Cladseal base seal trim in showers and other wet areas, this will ensure a waterproof edge that will last.

Panel Fixing To Walls

* Panels are normally fitted running from floor to ceiling (tongue & groove running vertically) although it is also possible to fit with the tongue & groove running horizontally. Use a spirit level to make sure that panels are fitted squarely.
* Measure the width and height of the wall and cut panels to size. It is possible that the width will need to be finished with a part panel, plan where you want any part panels to be fitted, as this should be the last panel on the wall.
* If using, fit any top or base trims in place before the panels. Side edge and internal corner trims can be connected to and fitted inline with the panels when working L to R or R to L.
* Once measured and cut, do a dry run to test a suitable fit. When happy with fit, apply adhesive as described. Fit panels to the wall, flex into any top and bottom trim pressing firming against the adhesive over the length of the panel. The adhesive will create a firm hold within 20 minutes and will fully cure in a room temperature environment in 24 hours.
* Fit each subsequent panel making sure that the tongue & groove is slid firmly home. When fitting with trims, panels do not have to be fully homed inside the trims.

Tips For Showers/Bath Areas

* A 2-Wall Kit will allow for an L-shaped installation whereas a 3 Wall Kit is for a U-shaped install. In this scenario a L-shaped installation can have it's single corner trim installed either before the wall panels or inline with the panels during installation. A U-shaped installation (Alcove) will require the back panel and both corners fitted altogether in one action. For the back panel you must deduct 30mm from the overall panel width to allow for both corner sections. Ensure measurements are taken from wall to wall.
* We highly recommend using the Cladseal waterproof base seal trim, if not using the trim fill in the gap left at base with waterproof silicone sealant. Wipe off all excess silicone and clean the panel with warm soapy water.
* A 2-3mm expansion gap is required on cut outs for pipes and fittings, even if collars are to be fitted. Fill gap with waterproof silicone sealant.
* Shower attachments can be fitted through the panels using suitable fixings and ensuring the waterproof seal is maintained. Any wall plugs must be completely through the panel into the supporting wall. Do not overtighten screws as this may damage the panels.

MAINTENANCE

For regular cleaning use only hot soapy water and a non-abrasive cloth or sponge. Do not use solvent based cleaners, scouring pads or harsh abrasive cleaners as these will damage the panels. Always rinse all surfaces well after cleaning.

FIRE

All Aquabord PVC Wall Panels are Class 1 Fire Rated. Please contact us for further details

TEMPERATURE

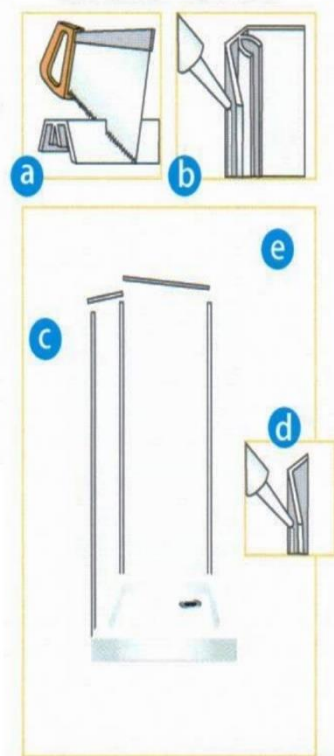Suitable for use in temperatures between -10°C and 60°C.

PERFORMANCE

All of our Aquabord PVC Wall Panels are for internal use only. When installed and maintained using our trims and fixings, the product is covered by our 10 year guarantee.
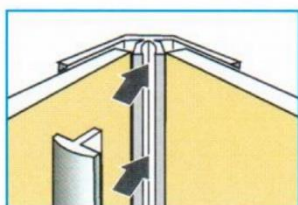
DISCLAIMER

During the manufacture process there can occasionally be some variation in shade or pattern. Please check for any variation before fitting. We are always happy to try and provide a better match before fitting, but please note we cannot accept any consequential costs post fitting.
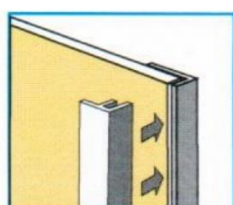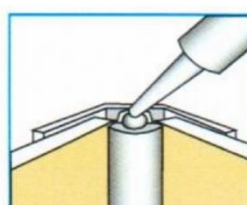
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Trim Fixing

* First cut the corner sections to the same height as the panels. This can be done with a handsaw, junior hacksaw or a strong pair of snips. (Image A)
* If using PVC trims, they will often be a 2-part trim, cut both parts to size at the same time. The back section will always require being fitted before or inline with the panels where as the front section can be installed post fit if required. The front section of a PVC trim may require being tapped home with a rubber mallet, take care not to strike the panel as damage may occur.
* When ready to install, apply adhesive to outer edges and fix to wall. (Image B) Masking tape can be used to temporarily secure the trim if required. If being fitted with the panel attached (e.g Alcove fitting) or inline, apply a bead of silicone to the insides of the trim. Ensure that any silicone squeezed out when panel is in place is wiped away.
* Using a spirit level or plumb-line mark the position of the end of the panel directly on the wall and if using a top trim, mark the position of the trim (Image C)
* Cut the side edging trim to the same height as the panel, apply adhesive to the outer edge and fix to the wall. (Image D) If you are working from L to R or R to L, you may find yourself starting the installation with the fixing of this trim.
* If using a top trim, measure and cut the top trims to fit between the inner sections of the corners and outer edge trims. (Image E) A 2-part PVC trim can have the back section installed before the panel is in place, with the front section put in place after. For a 1-part trim, such as our Chrome trims, it is advised that you either fix the top trim in place first or attach the trim to the top of the panel(s) and fit altogether in one action.
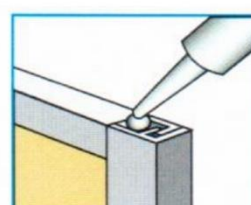
Corner Joint & trim detail

Edging or top trim detail

Apply a bead of waterproof silicone to the top corner trim and to the edging and top trim

Guarantee

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