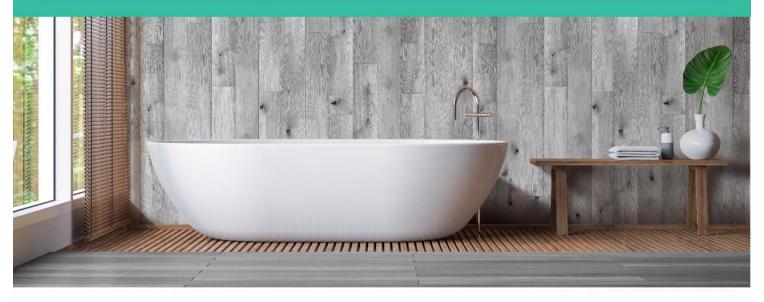# IPSL
Interior Panel Systems

AquaClad
Narrow Tongue & Groove Wall & Ceiling Panel Range

TOOLS & MATERIALS

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

* Aquabord PVC Wall 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 a protective film, please leave on during cutting as this will help protect against any damage 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 15tpi 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 likely 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.

Panel Fixing To Ceilings

* If using coving or edge trim around the perimeter, fit 3 sides of trim in place and then fit the panels.
* Fix ceilings with similar method to walls, but using screws to fix at 30-50cm spacing. Flat headed stainless steel screws are recommended and fitted within the in-groove on the panel's groove section. Fixing here allows the tongue part of the subsequent panel to hide over the screw fixing.
* Use battens if existing ceiling cannot take screws or support panels.
* If using perimeter trim, attach the final trim with the last ceiling panel and install together as one piece using adhesive.
* Consider using a quadrant as a finishing trim.
* LED or energy efficent spotlights can be inserted and fitted with the ceiling 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 Aquaclad PVC Narrow 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 Aquaclad PVC Narrow Panels are for internal use only. When installed and maintained using our trims and fixings, the product is covered by our 10 year guarantee. Heavy impact may result in the crushing of this panel type.

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.

INSTALLATION GUIDE & MAINTENANCE