

# Proplas Tile PVC wall panelling

## INSTALLATION, CARE & MAINTENANCE



# Proplas Tile PVC wall panelling. Installation, care & maintenance

## INSTALLER & OWNER RESPONSIBILITIES

The performance of your PVC panel product is closely linked to the quality of the installation of it and good care & maintenance being carried out on it following installation. It is the installer's responsibility to ensure that the installation is carried out as per the following installation instructions in all respects. No claims for product failure will be accepted if the product is incorrectly installed and/or installation errors made.

## PRODUCT SUITABILITY & CHARACTERISTICS

Cellular PVC wall panels are intended for use as an internal wall overlay lining product only. If in doubt as to the suitability of the product consult an appropriate professional to confirm its suitability for your intended use of it.

**Disclaimer:** – PVC panels may have normal manufacturing characteristics visible such as telegraphing see through of the cellular section upstands, minor gaps between panel joints, and minor surface imperfections in the lacquer coating. These are an unavoidable aspect of the manufacturing process for the product and are therefore not grounds for complaint and are elements not covered by the product warranty.

## CUTTING WASTAGE FACTOR & STAGGERED GROUT LINES

Tile effect panelling requires each panel to be end trimmed to achieve the intended staggered joint affect. Therefore an extra wastage factor needs to be allowed for in your overall panel quantity required. On average the usable length per panel is 2.4 – 2.6 linear meters. The cutting wastage factor may be more depending on the complexity of your installation and particular requirement for length cutting.

**PLEASE NOTE !** that the intention for this product is **that it is installed using a staggered grout line effect across the short width direction of the panels** as due to the manufacturing limitations of the product the shorter grout lines across the width of the panels are unlikely to perfectly match if they are installed un staggered.

## RECOMMENDED TOOLS, EQUIPMENT & INSTALLATION ACCESSORIES

Recommended tools, equipment & installation accessories:  
• Fine tooth saw &/or Utility knife • Straight Edge • Silicone Sealant  
• Nails/Staples & Staple Gun • Tape Measure  
• Appropriate panel adhesive • PVC Antibacterial Cleaner • Gloves • Eye protection glasses • Ear defenders when cutting • Edge profile, corner profile, scotia profile.

## 1. PRE-INSTALLATION PROCEDURES

All of your PVC panels must be individually checked for any quality issues prior to installation of the panels.

- Please check carefully that the panels are from the same batch prior to installation and that the panels are an acceptable colour match. A batch number can be found on the back of

each panel, as well as the outer packaging. Colour variation can occur between different batches therefore all panels must be checked for colour uniformity before fitting and individual panels from separate boxes mixed during installation to blend in any variances present. No claims for colour variance between panels will be accepted following installation of the panels.

- If installing your PVC panels using panel adhesive, ensure all surfaces to which the adhesive will be applied are sound, clean, dust free, dry, plumb and even. Any paints, sealers or coatings of any kind on the intended installation surface must be checked for soundness and adhesion suitability.

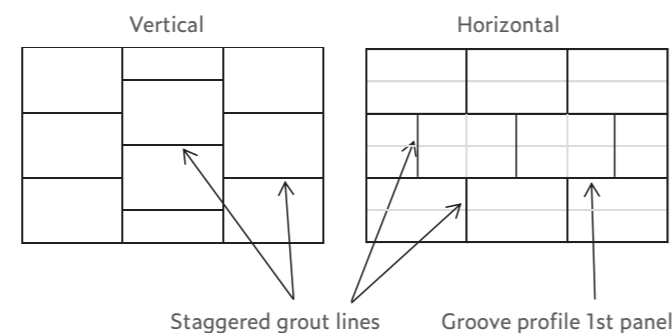
**If there are any concerns regarding the PVC panels in any respect at the product checking and pre-installation stage do not install the panels and contact your PVC panel supplier and advise of, and clarify, your concerns.** The associated product manufacturing defect warranty will be void, and no product fault claims will be accepted, for any form of defect complained of that was visible at the point of installation.

## CUTTING AND HANDLING PANELS

PVC Panels should be carefully cut using a fine-tooth blade hand-saw, decorative face up. Common sense safety precautions should be undertaken when handling the panels to avoid accidents. Gloves and eye protection should be worn when cutting the panels to minimize the risk of injury and ear defenders used.

## HALF LAP / BRICK PATTERN EFFECT

The panels are intended to be installed to give a brick pattern effect by way of trimming the ends of each panel and staggering the short grout lines so that the short grout lines align on alternate boards only. The panels can be installed either vertically or horizontally. If installed horizontally the panels must be located tongue into groove so the groove profile is at the top edge of the 1st panel when installed.



## INSTALLATION OF PANELS AND PROFILES

- PVC Panels may be nailed, stapled or screwed through the panel edge groove base flap into plumb and level wooden battens, or bonded direct to flat, plumb, sound and smooth walls. If the installation sub surface is uneven install an appropriate timber batten frame system to the wall to ensure a level batten frame to apply the panels to.
- Installation of your PVC panels should commence by attaching a scotia trim or end U cap as required to the wall edge joint.

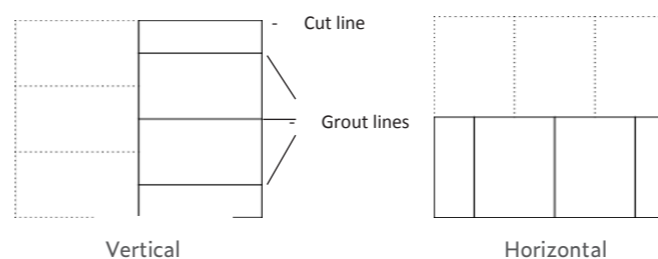
- Mechanically fix or adhere the end cap/ starting profile to the wall. **For wet areas,** apply a full length unbroken bead of silicone sealant into the channel of the starting profile.
- Measure the required overall height of your panels. **Allowing for your overall panel height,** (or width if laid horizontally), **needed after cutting,** measure the distance between the short grout lines on your panels and cut half the dimension figure off the appropriate end of the first panel.

**NOTE !** for vertical installation ensure the panel edge tongue is to the left of the panel and for horizontal installation ensure the panel edge tongue is located at the bottom of the panels.

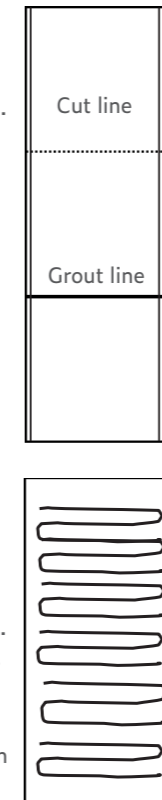
- First panel** – If gluing panels to the wall framework, apply multiple 6mm wide snake pattern beads of panel adhesive **to the back** of the first cut panel and angle it into position on the wall and in the starting profile. Alternatively if a wooden frame sub system is installed and nailing installation is to be used, locate the panel in position and staple or pin through the **groove base flap** into the wooden framing.

**NOTE !** Select individual panels to install from several open boxes and mix panels during installation to ensure any slight colour/shade variances between are blended into the installation.

- Second panel** – measure and cut the next panel appropriately so that **when cut to overall length** the short grout lines lie centred between the first panel short grout lines and a neat brick bond pattern of grout lines is achieved.



- For wet areas,** apply a small **silicone sealant** bead along the upper tongue face of the second panel. Locate the second panel tongue into the groove of the previously installed panel and fix in the same manner as the first panel. Remove any excess silicone once the profiles are located.
- Continue across the sub surface or frame, using the same techniques per panel. It may be necessary to cut off the tongues or grooves before fitting into any profiles used.
- Use an internal or external corner trim** at wall corners or returns. Where corner trims are required it will be necessary to cut the panel at that point to width, (vertical install), and install the corner trim on the right hand edge of the panel before the panel and trim is installed as one unit. For horizontal installs needing a corner trim the trim should be installed first and the



panels flexed or angled to aid location of them into the corner trim. Apply panel adhesive to the reverse face of the corner trim before installation of it, and silicone sealant into the trim channel if used in wet areas.

- Finish the installation of the panels by measuring and cutting the last panel to size. Finish and seal the final edge using silicone sealant or inserting either an end U cap or scotia trim to the panel edge as required, prior to fixing to the final panel and end trim as one unit to the sub surface (vertical install). For horizontal installs end caps should be installed first and the panels again flexed or angled to insert them.
- Ensure all panel ends and edges around sinks, baths, shower trays, shower units and any pipes or cut outs are fully sealed using silicone sealant. The PVC panel warranty will be void and no product fault claims will be accepted, where a problem occurs due to incorrect or inappropriate sealing of joints or seal failure as a result an inappropriate sealant being used in wet areas.
- When fixing any accessories or **heavy items to the panel surface ensure that the screws used to fix the item locate securely into the wall or battens** as PVC panels are a thin cellular product and therefore the PVC material itself has limited holding capacity.

## LIGHTS & DOWN LIGHTING

PVC panels and profiles should not be subjected to temperatures from any source **in excess of 60°C**. If the panels are subjected to temperatures in excess of 60°C then damage may occur to its surface and as such will invalidate your warranty. Check with a suitably qualified electrician if any doubts exist as to the suitability, in terms of type and heat output, of any lighting units used on, or installed into, your PVC panelling.

## CARE AND MAINTENANCE

Once installed, your PVC Panels require only occasional on going maintenance and should be cleaned using a PVC Antibacterial Cleaner. **Do not use any abrasive scourers, abrasive agents or bleaches** of any kind to clean this product.

PVC panels have an element of resistance to both artificial and natural Ultra Violet light however the panels are not ultimately Ultra Violet light stable and therefore fading of panels may occur over time where the panels are subject to direct sunlight. To avoid and minimize this effect occurring it is recommended that curtains or blinds are used during periods of prolonged or intense sunlight.

As the panels are light weight extruded PVC damage and indentations can occur to it so care must be taken to avoid anything hitting the panels that may cause this type of damage.

## WARRANTY

Your PVC panelling carries a five year domestic use limited manufacturing defect warranty. Please retain your product receipt as proof of purchase as this will be required should a product fault claim be made.

A copy of the Proplas PVC warranty is available via your PVC panelling Supplier, or can be downloaded from [www.panelstyle.co.uk](http://www.panelstyle.co.uk)

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Disclaimer - We reserve the right to amend the details contained within this document without prior notice. E&OE. It is ultimately the responsibility of the installer to ensure the product is installed in full compliance with these installation instructions and failing to do so will invalidate the product warranty. PVC panels can have minor manufacturing characteristics present such as lines or telegraphing of the cellular structure, minor gapping between joints and minor surface particles or imperfections. These are normal visual elements for this type of extruded PVC product and therefore if present are not grounds for complaint and are not aspects covered by the product warranty.

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