MULTIPANEL®

Linda Barker Collection
Heritage Collection
Classic Collection

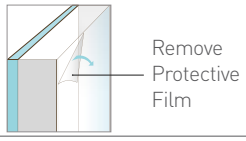
INSTALLATION GUIDE

Recommended Tools

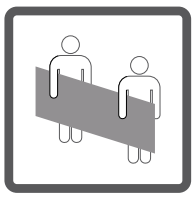
- Ruler
- Pencil
- Masking tape
- Measuring tape
- Silicone sealant & silicone gun
- Power drill & screwdriver
- High-grab adhesive
- Jig saw, hand saw or circular saw

Pre-installation

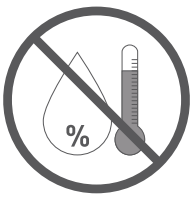
Prior to installation, Multipanel recommend that you visit our **video** section on **www.multipanel.co.uk**, where you will find a complete animation.

Pre-installation check-list	Checked?
Panels are supplied with clear protective polycoating to the face, and white laminate to the rear. The clear polycoating should be carefully peeled back to inspect the surface, and replaced for installation. This is particularly important where polycoating has text over-printed. 	Y / N
Inspect wall panels & profiles for any flaws, defects or damage.	Y / N
Check colour, sheen level and pattern concentration consistency between all panels and profiles.	Y / N
If panels are being fitted by a tradesman, colours should be approved by end user.	Y / N
Please ensure to read this guide in full before commencing installation.	Y / N
Once installation has commenced the panels are deemed to have arrived in perfect condition, any of the above reported after installation will not be covered by your warranty.	

CONDITIONING AND STORAGE

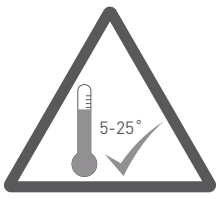


Panels should always be carried by two people



Panels should not be stored in areas of high humidity

Do not store outside or lean at an angle against a wall



Store in cool dry conditions between 5-25°C

Store flat and horizontal to prevent bowing

Condition panels & adhesive at room temp. for 48-72 hours

WALL PREPARATION, HANDLING AND CUTTING

Panels can be fixed to most surfaces including tiles, concrete, plaster, plasterboard, and chipboard/plywood walls providing they are sound.

Timber grounds should be applied over poor surfaces, set approximately at 60cm vertically and 80cm horizontally as appropriate.

These should be skimmed or packed off the wall as required to ensure they are all true and plumb. If timber grounds are installed they should be checked to ensure that they are true and flat before installing Multipanel® wall panels

To ensure your Multipanel® is properly bonded, ensure all surfaces to which adhesive will be applied are clean and dry.

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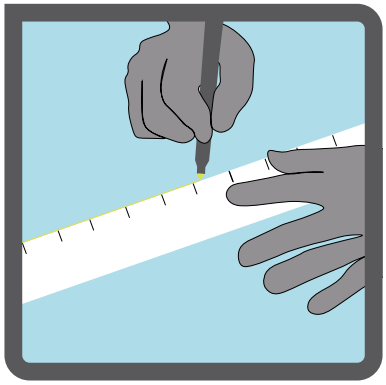
HANDLING AND CUTTING PANELS

Gloves should be worn at all times when handling panels. Protective eye-wear should be worn when cutting panels.



Measure and mark your required cutting line.

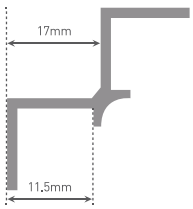
When using an upward cutting blade (jigsaw) or a circular saw, panels should be cut face down to avoid chipping.

When using a fine-tooth blade handsaw, panels should be cut decorative face up.

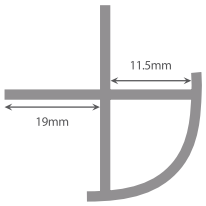
When measuring distance from walls, or passed shower enclosures, allowances should be made for the thickness of aluminium profiles and the space between walls and profiles.

Profiles: reminder

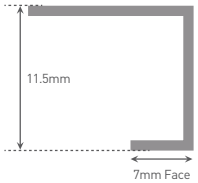
A. Internal Corner



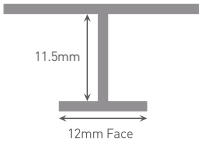
B. External Corner



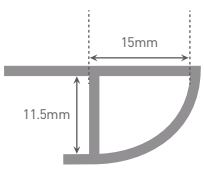
C End Cap



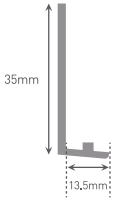
D. Mid Joint



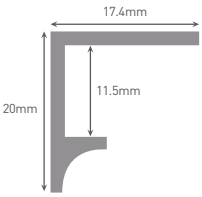
E. Quadrant End Cap



X. Base Profile



Y. Last Corner



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FIXING PANELS AND PROFILES

All panels must be properly sealed at all vertical edges, whether they are being attached to profiles, shower enclosures or hydro-locked. Panels must also ALWAYS be silicone sealed at the base, whether using Multipanel® seal kit, with or without extrusions. Inadequate sealing will invalidate your warranty. If the seal starts to deteriorate, it must be re-sealed immediately, and not allow moisture to penetrate joints or junctions.

The first profile, which normally starts with an Internal Corner or End Cap, should be fixed to the wall or end grounds with countersunk screws, or adhesive and a bead of silicone sealant applied to the channel

Apply silicone to the inside of the first profile

Apply silicone sealant to the channel of the second profile and attach it to the long edge of first panel.

Apply high grab adhesive to the reverse of the Multipanel® angle into the first profile and push firmly against the wall.

Alternatively, you can apply adhesive directly to the wall or timber framework.

FIXING HYDROLOCK PANELS

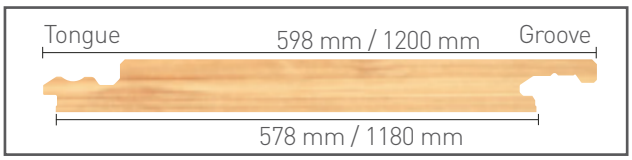
Prior to installation, it is strongly recommended that Hydrolock panels are conditioned in the room (or similar environment) where they will be installed for 48-72 hours. This is particularly important in cold conditions. Hydrolock tongue and groove panels should be dry jointed prior to final installation to ensure a sufficiently flush and tight joint will be achieved between all panels. Hydrolock panels MUST be silicone sealed at all vertical joints, as well as at all extrusions, joints and at the bottom of the panel.

Hydrolock panels can be screw-fixed or bonded to the wall with high-grab adhesive. Screws should be at 400 – 600mm centres with the top and bottom screws a maximum of 35mm from the top or bottom edge of the panel

When manufacturing hydrolock joints, 20mm is lost from the original panel width – please allow for this when calculating panel requirements, e.g,

- 2400x598mm = 2400x578mm finished face size.

- 2400x1200mm = 2400x1180mm finished face size.



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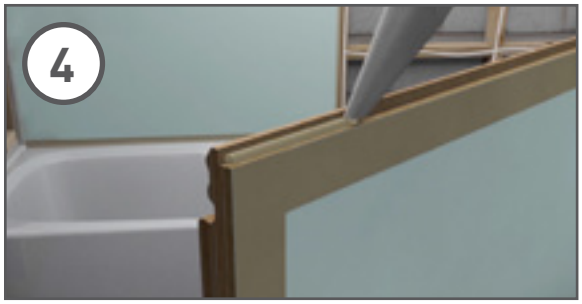
FIXING HYDROLOCK PANELS

Hydrolock panels are supplied as standard with a tongued long edge and a grooved long edge. When fitting panels into an extrusion, the protruding tongued or grooved edge should be cut off.

Bond the first panel to the wall or frame, with the grooved edge first. If screw fixing panels to the wall/ frame, pilot bore the recess in the groove where screws are to be located. Failure to pilot bore may result in the panel's joint splitting). Pack between back of panel and wall as necessary to avoid distortion to the Hydrolock joint when screw fixing and to ensure that it is true and plumb.

Fix through the back flange of the grooved edge with countersunk screws - the screw head should fit into the recess on the back of the tongue. Ensure that screws are turned until they are just under the flush to prevent any obstruction to the tongue of the next panel to be fitted.



Apply masking tape to the two meeting edges of the decorative face to protect the laminate face. Apply a narrow bead (2-3mm) of silicone sealant to the front shoulder of the tongue.
Note: Using too much silicone sealant will affect the tightness of the Hydrolock joint. Using too little may affect water-tightness.

Starting at approximately 45°, angle the tongue of the next panel into the groove of the fixed panel. Ensure the tongue is fully inserted into the groove before snapping it back to the wall, otherwise it may damage the joint.

Remove the masking tape and ensure any excess silicone sealant is wiped from the laminate face immediately.

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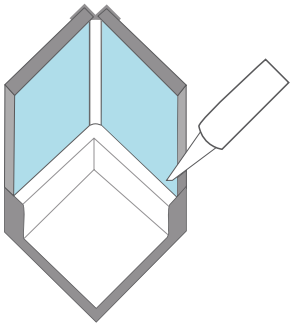
SHOWER TRAYS AND BATHS



Multipanel® Seal is an all-in-one kit for sealing the bottom edge of Multipanel® at a shower tray or bath. See separate installation guide.

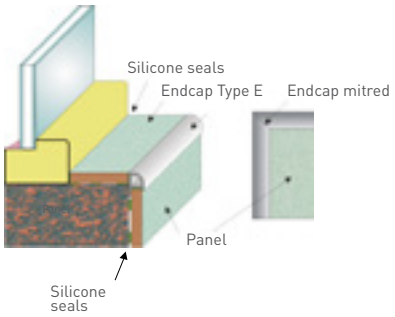
Alternatively you can fit Multipanel® with a 3mm gap between the bottom edge of the panel and the shower tray or baths, sealing the gap with silicone sealant.

WET AREAS

In wet areas, such as wetrooms, we recommend the use of an aluminium Type X base profile. Height adjustments should be made where the panel meets the ceiling. Floor covering material should continue approx. 100mm up the wall behind the panels. Screw fix the profile through the floor covering into the wall/frame, and apply silicone sealant to the base and the back of the profile.

WINDOW DETAIL

At windowsills, a Type E quadrant end cap should be used between panels, and mitred in the corners.



FITTING VALVES AND CONTROLS

When cutting apertures or drilling into Multipanel®, a 2mm clearance gap should be left around all edges, and sealed with silicone sealant.

ADHESIVES AND SEALANTS

Multipanel® Panel adhesive and sealant are available to order from your distributor or local showroom.

AFTERCARE

Once installed, your Multipanel® requires minimal maintenance. Multipanel® should be cleaned with warm water and a non-abrasive mild detergent. Scouring products or similar products should not be used, and doing so may invalidate your warranty.

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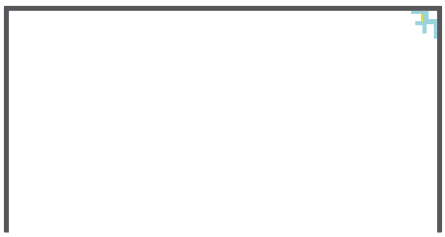
STANDARD INSTALLATIONS

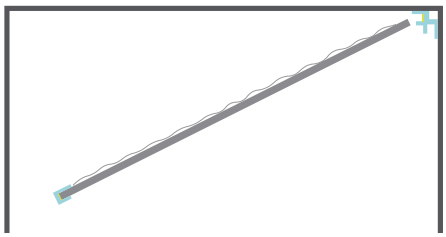
Corner installation detail

Silicone
Glue or screws
Multipanel®
Internal Corner
End Cap

Note: Do not overfill the profiles with silicone as this can make it difficult to push the panel into the profile, a suitable bead should be used to create a seal.

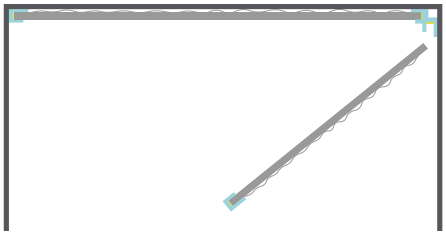


Fit Internal Corner in corner (either glued or screw fixed). Fill one side of Type A internal corner with bead of silicone ready for panel.



Spread high grab adhesive on back of panel. Fit end cap on panel with silicone cleaning excess of decorative face side.

Push panel into internal corner and press against wall firmly, clean any excess silicone from corner.



Silicone other side of internal corner with silicone ready panel.

Repeat steps 2 & 3.

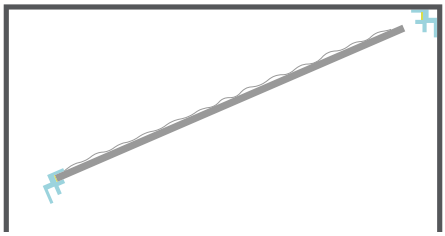
Panels are now ready for shower cubicle to be fitted if required.

Please fix through panel into wall behind for secure fixing.

Recess installation detail

Fit Internal Corner in corner (either glued or screw fixed).

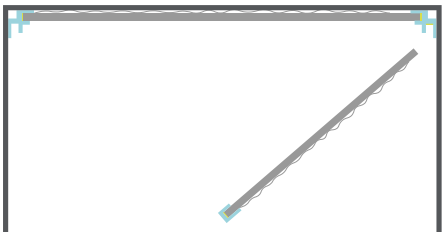
Silicone one side of Type A internal corner with bead of silicone ready for panel.



Spread high grab adhesive on back of panel.

Fit internal corner on panel with silicone cleaning excess of decorative face side.

Push panel into internal corner and press against wall firmly, clean any excess silicone from corner.



Silicone other side of internal corner with silicone ready panel.

Repeat steps 2 & 3, fitting an end cap if required.

Again repeat steps 2 & 3, fitting an end cap if required.

Panels now ready for cubicle door to be fitted if required.

Please fix through panel into wall behind for secure fixing.

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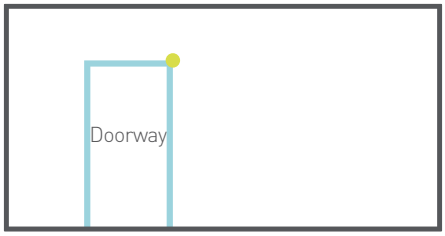
Full room installation detail

- Multipanel®
- Silicone
- Doorway
- Glue or screws
- Starting point
- Internal Corner
- End Cap



1. Starting at the side of the doorway working clockwise away from the doorway.

2. Silicone to top of doorway only then continue round room.

3.

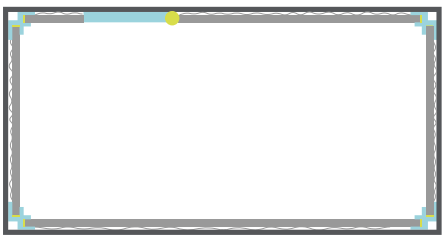
4.

5.

6.

7.

8.



9. Silicone to top of doorway only, then cut panel for above door.

10. Panel above door should be cut accurately. Joints to panels either side should be siliconed.

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DOMESTIC WARRANTY

Grant Westfield Ltd offers a 15 year warranty that Multipanel® panels will not crack, blister or delaminate and will remain watertight if fitted and sealed in accordance with our published recommendations.

In the event of a successful claim under your Multipanel® guarantee we will replace the panels, but will only cover any claims for consequential costs under exceptional circumstances where a defective panel prohibits ordinary use of the surrounding area.

Multipanel® High Grab Panel Adhesive must be used and is available to order from your local distributor or showroom.

This guarantee does not cover failure of the product due to:

- Faulty installation.
- Incorrect maintenance or storage - panels should not be leaned against walls, or balanced between tressels and should always be conditioned at room temperature for 48 hours prior to installation.
- Damage or misuse.

- **Prior to installation the following checks should be carried out and any queries reported, as claims of this nature will not be covered after installation:**
- Colour matching and sheen levels between all panels and profiles.
- If panels are to be fitted by a tradesman then colours and condition should be approved by the customer.
- Dry fit hydro-lock tongue and groove jointed boards prior to final installation to ensure a flush finish and ensure tightly butted joints.
- Flaws or defects in laminate - although unlikely. Where protective poly coating has text over printed, this should be carefully peeled back to inspect the surface and replaced for installation. This is particularly important where the poly-coating bears printed text which might obscure areas of the surface.

This guarantee does not confer any rights other than those set out above and claims for consequential loss or damage are excluded. This guarantee does not affect your statutory rights as a consumer.

www.multipanel.co.uk

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