

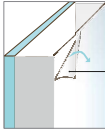
- Ruler ■
- Pencil ■
- Masking tape ■
- Measuring tape ■
- Silicone sealant & silicone gun ■
- Power drill & screwdriver ■
- High-grab adhesive ■
- Jig saw, hand saw or circular saw ■

Multipanel® 11 mm Laminate faced wall panel Collections.

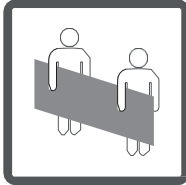
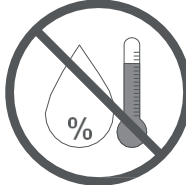

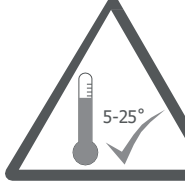


INSTALLATION GUIDE

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?
Where 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

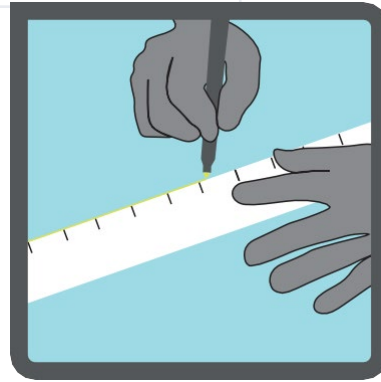


To ensure your Multipanel® is properly bonded, ensure all surfaces to which adhesive will be applied are clean and dry.

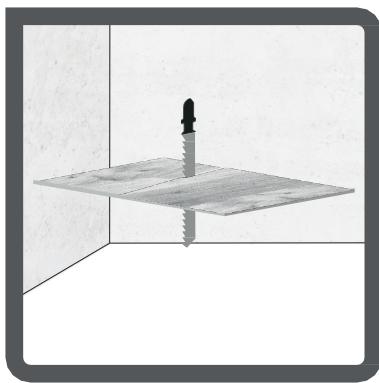
HANDLING AND CUTTING PANELS



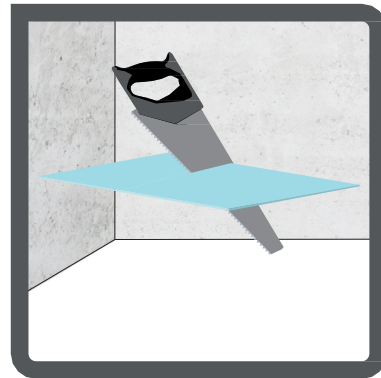
Gloves should be worn at all times when handling panels. Protective eye-wear should be worn when cutting panels.



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.

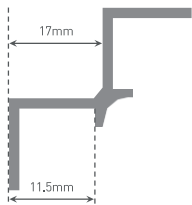


When using a fine-tooth blade handsaw, panels should be cut decorative face up.

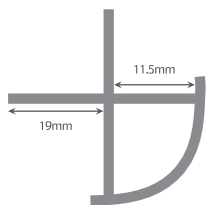
When measuring distance from walls, or passed shower enclosures, allowances should be made for the thickness of aluminium profiles and the space between walls and profiles.

Profiles: reminder

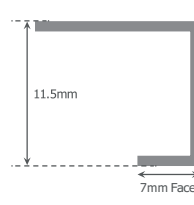
A. Internal Corner



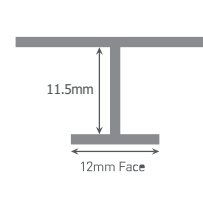
B. External Corner



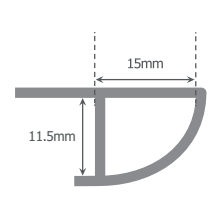
C End Cap



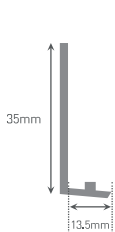
D. Mid Joint



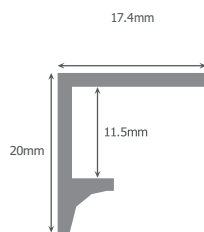
E. Quadrant End Cap



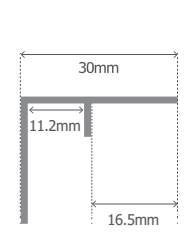
X. Base Profile



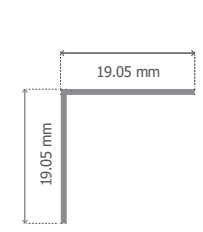
Y. Last Corner



101. Invisible Corner



102. Angle Profile

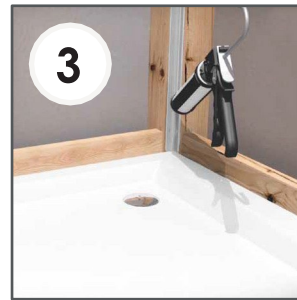


SEALING PANELS AND PROFILES

To protect the validity of our warranty, all panels must be installed and properly sealed using our adhesive and sealant throughout the installation. 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. To ensure the best installation, we recommend using original Multipanel profiles.



1 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



3 Apply silicone to the inside of the first profile



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



6 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.

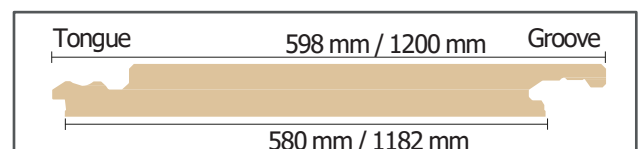
FIXING HYDROLOCK PANELS

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.

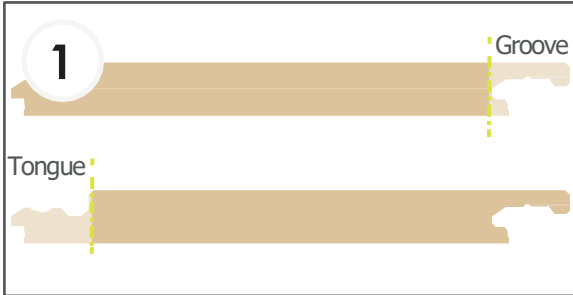
Hydrolock panels can be screw-fixed or bonded to the wall with high-grab adhesive. Screws should be at 400 – 600mm centres with the top and bottom screws a maximum of 35mm from the top or bottom edge of the panel

When manufacturing hydrolock joints, 18mm is lost from the original panel width – please allow for this when calculating panel requirements, e.g,

- 2400x598mm = 2400x580mm finished face size.
- 2400x1200mm = 2400x1182mm finished face size.



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.

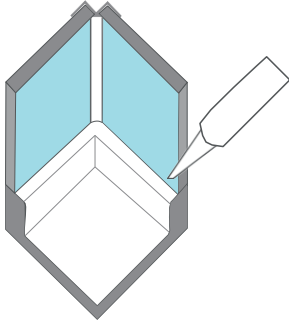


Starting at approximately 45°, angle the tongue of the next panel into the groove of the fixed panel. Ensure the tongue is fully inserted into the groove before snapping it back to the wall, otherwise it may damage the joint.



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

SHOWER TRAYS AND BATHS



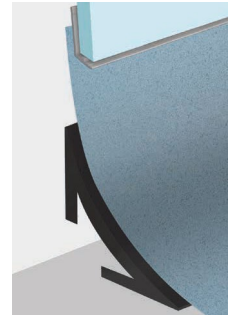
Multipanel® Seal is an all-in-one kit for sealing the bottom edge of Multipanel® at a shower tray or bath. See separate installation guide.

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



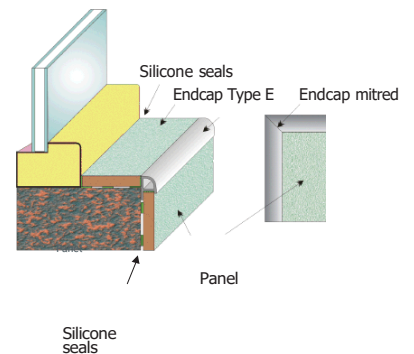
In wet areas, such as wetrooms, we recommend the use of an aluminium Type X base profile. Height adjustments should be made where the panel meets the ceiling. Floor covering material should continue approx. 100mm up the wall behind the panels. Screw fix the profile through the floor covering into the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



WINDOW DETAIL



At windowsills, a Type E quadrant endcap 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

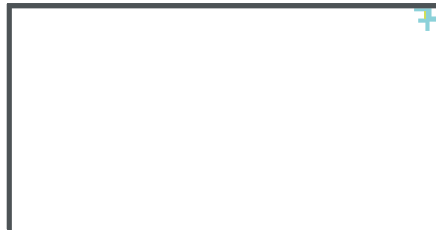
Once installed, your Multipanel® requires minimal maintenance. Multipanel® should be cleaned with warm water and a non-abrasive mild detergent. Scouring products or similar products should not be used, and doing so may invalidate your warranty.

STANDARD INSTALLATIONS

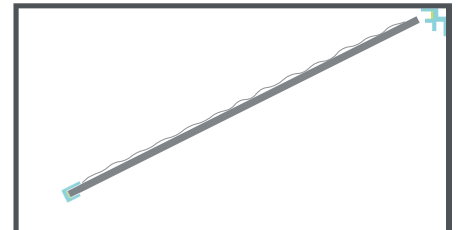
Corner installation detail

-  High Grab Adhesive
-  Silicone
-  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.



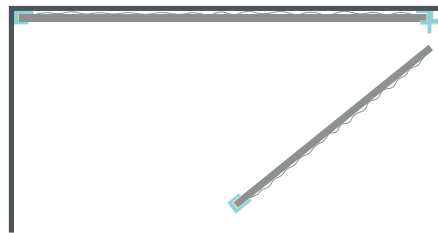
Fit Internal Corner in corner (either glued or screw fixed). Fill one side of Type A internal corner with bead of silicone ready for panel.



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.

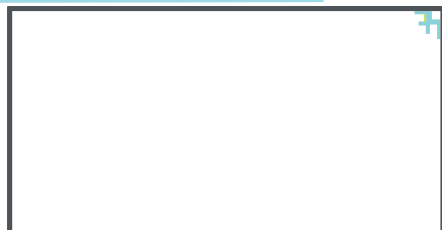
Repeat steps 2 & 3. Please see on page 3.



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

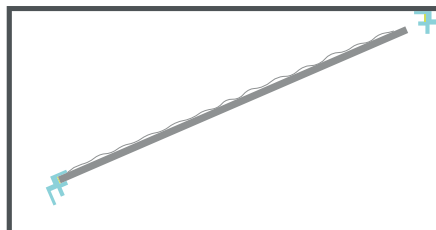
Please fix through panel into wall behind for secure fixing.

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.

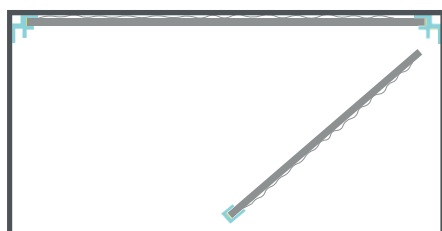


Spread high grab adhesive on back of panel.

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.

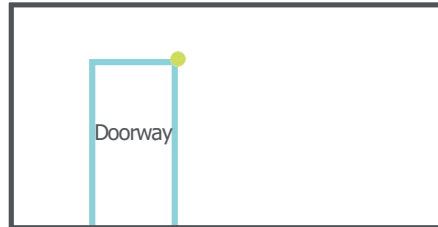


Panels now ready for cubicle door to be fitted if required.

Please fix through panel into wall behind for secure fixing.

Full room installation detail

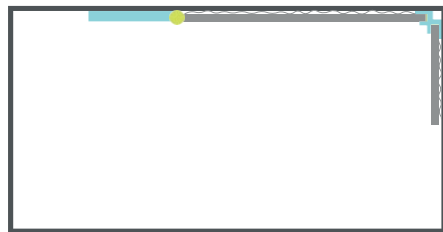
-  Multipanel®
-  Starting point
-  High Grab Adhesive
-  Internal Corner
-  Doorway
-  End Cap
-  Silicone



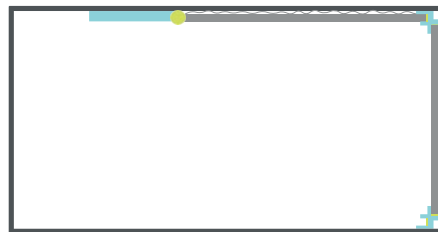
1. Starting at the side of the doorway working clockwise away from the doorway.



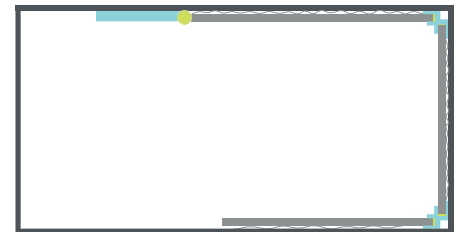
2. Silicone to top of doorway only then continue round room.



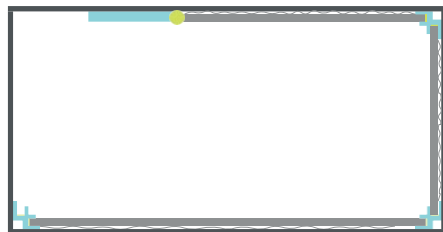
3.



4.



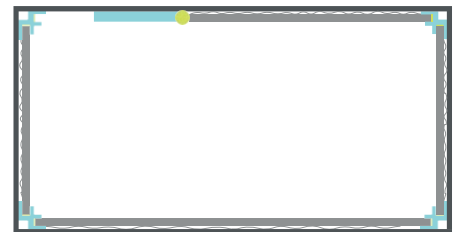
5.



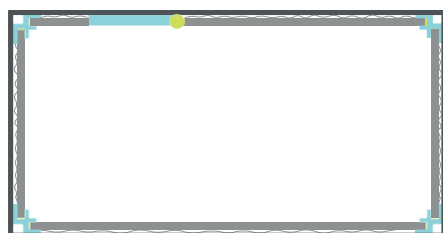
6.



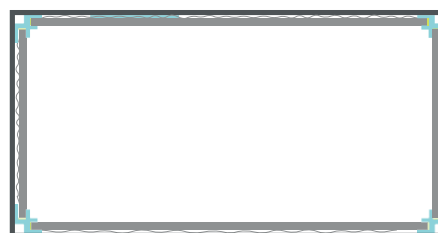
7.



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.



30 Year Product Warranty - Wall Panels

Multipanel® wall panels are covered by a 30-year product warranty that the panels will not crack, craze, blister or delaminate and will remain watertight when fitted and sealed in accordance with our published installation guidance. Multipanel® High Grab Panel Adhesive/Sealant must be used and is available to order from your local distributor or showroom.

In the event of a successful claim, we will replace the panels in the same design (if not available in an equivalent or other design) or provide a refund of the purchase price* for defective products. The warranty does not cover any labour cost associated with the replacement of products covered, or any consequential or special incidental charges, damages, or losses.

Multipanel wall panels are guaranteed under normal domestic use conditions** from the date of purchase by the original end user in the original location of installation. The guarantee is not transferable.

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

- Transport and handling.
- Faulty installation.
- Failure to maintain the silicone seal on all edges in line with installation instructions. Multipanel sealant must be used.
- Incorrect maintenance or storage - panels should be stored flat. Panels should not be stored vertically against walls or balanced between tressels and should be conditioned at room temperature for 48 hours prior to installation.
- Damage or misuse, such as:
 - ◊ Cracks, blows and cuts caused by hard objects.
 - ◊ Scratches and finish damages caused by sharp objects or other abrasive materials, irrespective of whether these are caused by a contractor, service company or end user.
- Wear and tear (aging), i.e. scratches, friction marks or other marks in the surface.
- Use of unsuitable cleaning agents (please refer to Multipanel care and maintenance instructions).
- Differences in gloss levels that can only be seen at certain angles or lighting conditions are not a valid claim.

Prior to installation the following checks should be carried out and any queries reported as claims of this nature will not be covered by this warranty following installation (Note - fitting is acceptance of the product having arrived in good condition):

- 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 in advance of installation.
- Dry fit hydro-lock tongue and groove jointed boards prior to final installation to ensure a flush finish and 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 then replaced for installation. This is particularly important where polycoating features printed text or label which may 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 specifically excluded. This guarantee does not affect your statutory rights as a consumer. The warranty period is not extended in the event of repair or replacement.

*The refund value of the purchase price is preserved for the first 15 years from date of purchase. In years 16 to 30 the refund value will depreciate by 5% of refund price per year.

**The product must be installed and used indoors in a climate of 18c – 25c with corresponding humidity of 30%-85% RH.

Multipanel® 30 Year warranty is backed by Norcros Group (Holdings) Ltd T/A Grant Westfield.

multipanel.co.uk

Multipanel®, Westfield Avenue, Edinburgh, EH11 2QH

† +44(0)131 290 2862 f +44(0)131 337 9241 e info@multipanel.co.uk

