

CARYSIL

Metrowall Installation Guide

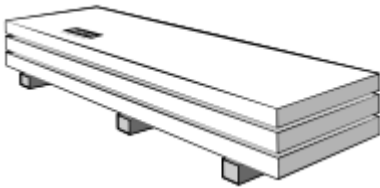
| Care & Maintenance Guide



Metrowall Panel Installation

The Metrowall panels must be conditioned for at least 24 hours at room temperature prior to installation.

Ensure your panels are stored flat. Storing panels on their edges can cause damage and bowing which will make completing the installation more difficult. It is important that you inspect all panels prior to installation. **Claims for defects cannot be made once panels have been cut.**



Ensure the walls / surface that the panels are being applied to are all square and plumb. They must also be free from dust and clear of any debris prior to commencing work.

Before applying panels, wipe the back of the panel to ensure cleanliness.

Tools Required:

- Tape Measure
- 1200mm Spirit Level
- Handsaw*
- Utility Knife
- Circular Saw*
- Jigsaw*
- Straight Edge
- Sealant Gun
- Masking Tape
- Suction Grips
- Protective Gloves
- Protective Goggles
- Ear Protection
- * fine toothed blade

Metrowall Trims & Adhesives

Metrowall Panels, Trims & Adhesives.

Metrowall panels are 1220mm wide x 2440mm in height x 4.8mm in thickness and are 100% waterproof. The sealant is used to protect the surface behind the panels from water damage.

If your intended installation covers wall areas greater than a single panel, we recommend using our TAG panels or the Metrowall trims. These trims are available in a colour-matched décor or black and polished aluminium.

TopSeal

TopSeal is a colour-matched adhesive and sealant. We recommend its use on Metrowall panels, as it offers a high-strength bond and is waterproof while remaining flexible. It bonds and seals at the same time.

Directions for use:

For bonding Metrowall panels to the wall: Apply adhesive in vertical stripes with 10-20cm distance between them. Do not apply adhesive in dots.

Before applying TopSeal, clean the edges or tongues and grooves to remove any dust that may interfere with the sealing process. Ensure that when joining two panels, the surface is flat to avoid any issues during the installation process.

If using Metrowall trims, apply a thin bead of clear silicone inside the trim. Remove any excess TopSeal from the decorative surface and clean with appropriate wipes or damp cloth before the clear silicone begins to cure and skin over.

When butt jointing two flat-edged panels, apply a thin bead of TopSeal to one panel, distributing it evenly. Ensuring that the two panels are placed on a flat surface, slowly press them together, smoothing the excess across the joint to cover any missed areas. Using a soft scraper, remove any remaining excess TopSeal from the decorative surface and clean with appropriate wipes or damp cloth before the TopSeal begins to cure and skin over.

If using Metrowall TAG panels, apply a thin bead of TopSeal inside the female tongue groove and evenly distribute it across the panel groove. Ensure the female groove is positioned flat to enable the male tongue to insert efficiently. Once inserted, flatten the panel against the wall and smooth any excess adhesive across the joint to cover any missed areas. Using a soft scraper, remove any remaining excess TopSeal from the decorative surface and clean with

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appropriate wipes or damp cloth before the TopSeal begins to cure and skin over.

When wiping the excess adhesive, make sure a non-abrasive pad/cloth is used to prevent any scratching of the décor panel.

When sealing corner joints against a wall, ensure that a bead of silicone is applied to the corner tray across the entire length of the panel to prevent any moisture from reaching the wall.

Alternative Options

If you choose not to use Metrowall trims, ensure all joints are correctly sealed with TopSeal or an alternative waterproof sealant.

If not using Metrowall trims, any external visible edges of Metrowall can be sanded with P240 grit sandpaper followed by P320 grit sandpaper. If choosing this option, be careful to only sand the exposed edge and not the decorative surfaces, as this would cause damage. By sanding the edge, you can achieve a polished appearance. When applying the flat edge to the wall, ensure that sealant is applied evenly between the wall and the flat edge to prevent any moisture from accessing behind the panel.

Metrowall panels are 100% non-porous, so you don't need to worry about moisture contacting this edge as long as the panel is correctly sealed to protect the wall behind.

Fitting the panels – assess your layout.

Depending upon the application and layout of the panels, decide upon your starting point.

If creating a shower enclosure, it is often beneficial to start on the narrowest section especially when using the Metrowall Trim. The panels will flex, but you should consider which option will be easiest as you need to be able to feed the panels into the trim and then still ensure a tight fit.

If using the trim, fix the corner trim to your first panel in advance and allowing the TopSeal to cure. Once cured use TopSeal to fix the corner trim and panel in place.

If using the TAG system panels, we recommend planning from the corner, removing the male tongue as necessary and if desired, anticipating the space required for a trim to be used.

We recommend that TAG system panels and standard panels are not used in conjunction with each other, while you can skim the tongues from the TAG panels to create a flat edge, doing this can increase the risk of potential issues during the installation process.

If your wall is an irregular size or has a sloping ceiling, measure the precise height of the wall to ensure the metrowall panel fits correctly after cutting.

For uneven walls, differing thicknesses of silicone on the back of the panel can help to even the panel against the wall.

Metrowall can be installed over pre-existing tiles. To prepare the panels, thoroughly clean the tiles with a degreaser and lightly sand the surface to create a rough texture that will help the adhesive bond with the panels.

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Cutting the panels.

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

When using a jigsaw or circular saw with an upward cutting blade, the panels should be cut from the back, decorative face down to prevent chipping of the decorative surface.

Mark the panels to size for cutting. If fitting at full height to the ceiling leave a 2-3mm gap for expansion. This can be filled later with TopSeal or an alternative flexible bathroom sealant.

When measuring ensure that you account for the thickness of the trims in your calculations if using them.

If using the TAG system, following the instructions above, you should remove the male tongue where necessary.

It is recommended that you perform a dry-fit of the wall panels to ensure that the panels are cut to the correct size and there will not be any issues during the installation. Any damages caused to the panels during the installation process are not covered by the warranty.

If there is any pipework, shower fittings etc make a suitable template using mdf / ply to cut to the required shaping and mark and position holes. This can then be used to transfer the required markings, holes etc to the Metrowall panel. This is not essential but can help avoid any costly mistakes.

Sealing Pipes

When creating cutouts or holes in your panels for pipes or shower units, leave a clearance gap of 3mm between the fixed object and the panel edge.

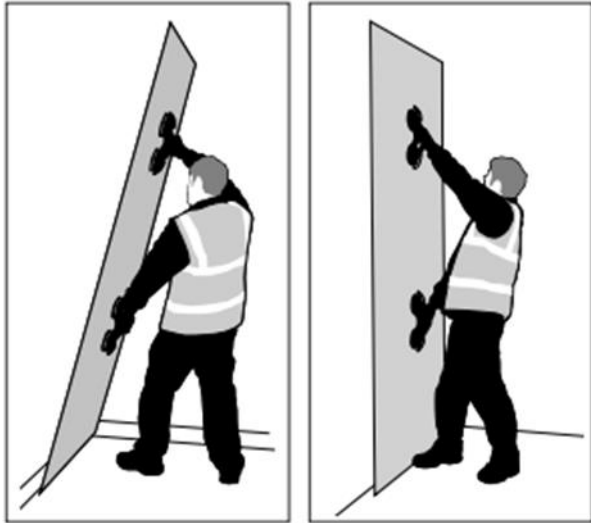
Once the panels are installed, completely fill this 3mm gap with sealant before fitting any shower units or related fixtures.

After installing shower units, pipe collars, or similar fittings, apply sealant around their edges again to ensure an additional watertight seal is achieved externally.

Installation

Once you have cut your panels to size, apply TopSeal in vertical lines as per the instructions. Ensure you apply a bead to the top and bottom edge also in a horizontal direction. It can be useful to have an additional person at this stage to apply the TopSeal while the panel is held vertically.

The use of suction grips can aid in handling the product.



Ensure the bottom edge is correctly in place then push the panel back firm against the wall and apply pressure to all areas of the panel to make sure the TopSeal adhesive grabs to the wall.

If you have the option, place braces from the panel to the opposite wall to hold the panel in place whilst the TopSeal cures. Ensuring you do not damage the panel or wall.

Continue to apply the panels using the same method.

Once all panels have been installed leave for a minimum of 24 hours before use to ensure all sealants have fully cured.

Once the sealants have fully cured, it is advised to verify the integrity of the seals by performing a light water spray test. Any issues caused by insufficient seals will not be covered by the warranty.

General care and maintenance

For cleaning of your Metrowall panels, we recommend the use of either hot soapy water or standard bathroom cleaning products. Do not use neat bleach or high bleach concentration products and do not use abrasive cleaners as these may damage and alter the appearance of the surface material.

Warranty

Metrowall panels come with a lifetime warranty against manufacturing defects. To validate this warranty, the following form must be completed by the consumer, signed by the fitter and returned to Carysil Surfaces Limited.

In the unlikely event of there being any problems with this product, please refer in the first instance back to your retailer. The installation, care and maintenance instructions must be referred to both before and after installation, as the use of harsh abrasive chemicals and cleaners can affect the appearance of the surface material.

The warranty applies to the first owner and first installation only and is not transferable.

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Warranty Registration Form: metrowall

Name

.....

Address.....

.....

.....

Post Code

Tel

Email.....

Where did you purchase the wall panel?

.....

Product reference number

.....

Date of purchase

The product reference number can be found on the metrowall packaging

To be completed by the installer

I certify that this metrowall wall panel has been fitted in accordance with the prescribed installation instructions.

Signed.....

Date.....

Please print name..... (FITTER)

Please return to: Carysil Surfaces Ltd, Azalea Close, Clover Nook Industrial Park, Alfreton, Derbyshire DE55 4QX

Tel: 01773 521300 E-mail: info@carysil.co.uk

Data Protection: Carysil Surfaces Limited may use your information for administration, customer analysis, customer service and targeted marketing. We may contact you by email, SMS, telephone, fax or other reasonable methods to let you know about other products, services or promotions that may be of interest to you. If you do