

INSTALL & MAINTAIN GUIDE

DUMAWALL PANELS AND TILES

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GENERAL

INFORMATION

Purpose



This guide provides advice on handling, installing and maintaining Dumawall XL Wall Panels (Dumawall Panels) and Dumawall+ Wall Tiles (Dumawall Tiles).

Important Documents



This guide must be read in conjunction with the:

- Dumawall + Waterproof Wall Tiles pass™
 - Dumawall XL Waterproof Wall Panels pass™ and
 - PSP's Dumawall Panel/Tile Warranty.
-

Skills Required



To install Dumawall XL and Dumawall + the installer must, at a minimum, be a competent DIYer.

For more help



For technical assistance email us on

While all reasonable efforts have been made to ensure the accuracy of information provided, this document is a guide only. It may be subject to change.

For our warranty



Refer to

DUMAWALL XL AND DUMAWALL +

Description



Dumawall + Tiles are 5 mm thick uPVC tiles with a tongue and groove profile on all four edges. They are available in the following size:

- 375 mm x 650 mm (ex-stock).

Dumawall XL Panels are extra large, 5 mm thick uPVC panels with a tongue and groove profile along the two longest edges. They are available in the following size:

- 900 mm x 2600 mm.
-

Assurance

For a statement of assurance, scope and limitations refer to:

- Dumawall+ Waterproof Wall Tiles pass™
-

- Dumawall XL Waterproof Wall Panels pass™
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INSTALLATION

PREPARATION

Health and Safety



Take all necessary steps to ensure your safety and the safety of others:

- ensure adequate ventilation or mechanical dust extraction when cutting or drilling
- ensure the panels/tiles are well supported when cutting
- wear appropriate safety equipment, clothing and footwear
- use all tools in accordance with relevant instruction manuals
- clear the work area of any obstructions before work starts.

For further information refer to:

- WorkSafe July 2018. *Small Construction Sites, The Absolutely Essential Health and Safety Toolkit.*
- WorkSafe December 2016. *Health and Safety at Work, Quick Reference Guide.*

These documents are available at

Handling & Storage



- Take care when transporting, handling and storing the panels/tiles to prevent damage to them.
 - Avoid sharp objects.
 - Keep panels/tiles flat when transporting, handling or storing.
 - Stored panels/tiles should be covered in a well-ventilated area, out of direct sunlight.
 - Do not stack the panels/tiles if they are wet. If stacked, ensure the panels/tiles have adequate support.
 - Lay tiles flat for 48 hours prior to installation.
 - Panels/tiles are supplied wrapped in a protective film. Do not remove this film until you are ready to install.
-

Tools required



- hole saws
- speed bits
- drill
- jigsaw
- scribing knife
- utility knife
- plunge saw
- soft-faced mallet
- cartridge gun.

Other products



- Adhesive: use Dumafix PVC Glue or Sikaflex 123 MS.
- Sealant must be waterproof and antifungal.

Dumawall aluminium trims for finishing edges, corners and junctions.

The following trims are available in anodised silver or black and 2600 mm lengths:

- Dumawall aluminium finishing trim



- Dumawall aluminium click finishing trim



- Dumawall aluminium universal corner 12-20 mm



- Dumawall aluminium inside corner 12 mm



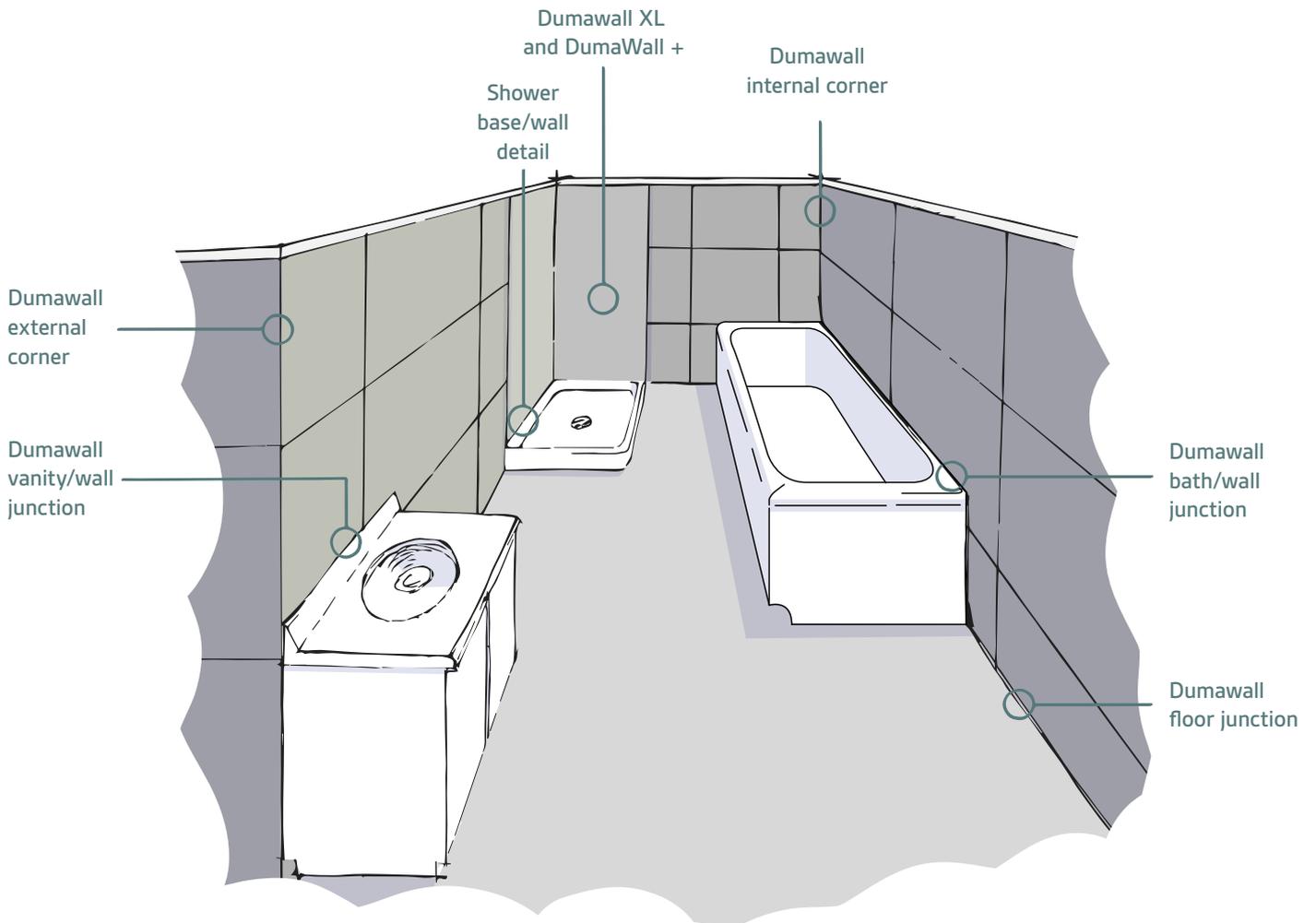
- Dumawall aluminium L trim outside corner 12-16 mm



- Dumawall aluminium start trim



Installation details map



Youtube clips to help in the installation of Dumawall panels:

INSTRUCTIONS

Substrate preparation

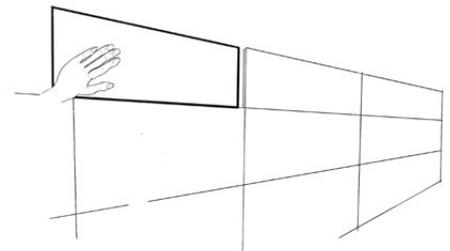


- Dumawall XL and Dumawall + may be fixed to most substrates.
 - Check the substrate is level and true.
 - Ensure all surfaces are clean, dry, smooth and free from dust, grease, solvent, wax, etc.
 - Lightly sand glossy surfaces to remove sheen.
-

Dry layout



- Complete a dry layout before applying any adhesive.
 - A dry layout is important to ensure that the final placement of Dumawall XL or Dumawall + panels are square and true. It will highlight if adjustments are needed to walls that are out of square or if panels or tiles need to be trimmed because of wall, floor or ceiling alignment.
 - Dumawall + may be laid in a stack or stretcher pattern configuration.
 - Arrange panels or tiles with equal margins to ensure small unsightly off-cuts are not required. Ensure allowances are made for the trim installation.
-



Tile/panel placement

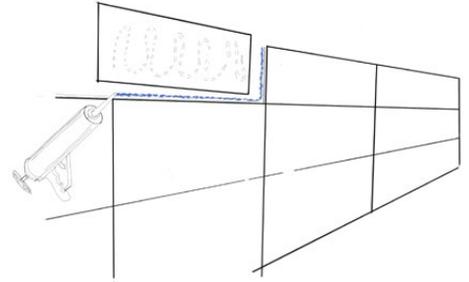


- Lay Dumawall XL or Dumawall + from right to left. This will ensure that the panels or tiles are correctly and securely interlocked—tongue into groove.
-

Gluing



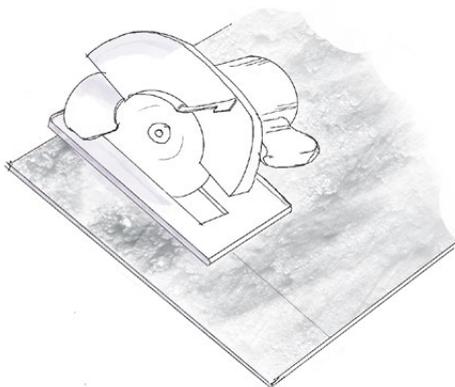
- Before applying adhesive, wipe the back surface of panel or tile with a damp cloth.
- Apply a 5 mm bead of adhesive to the back of the Dumawall XL or Dumawall + in a zigzag pattern with voids no greater than 50 mm. Apply a continuous bead 1 cm from the edge, around the perimeter.
- Press the Dumawall XL or Dumawall + in place. Apply even pressure across the panel/tile.
- Remove excess adhesive while it is still wet, using a damp cloth.
- Allow the adhesive on the first row to set before applying the next row or install temporary support such as removable braids or nails.



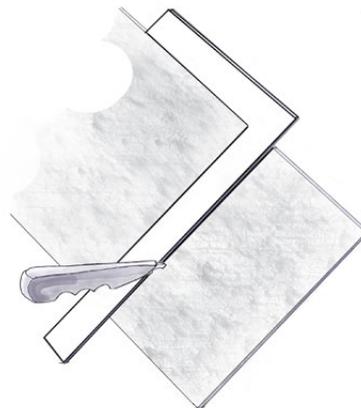
Trimming



- Cut Dumawall XL or Dumawall + using standard wood-working tools e.g., table saw or circular saw with a fine-tooth blade (60 tooth or higher) to provide a clean, smooth cut.
- Apply painter's tape to the line of cut to minimise chip out and to protect the Dumawall XL or Dumawall + surface.
- Alternatively, score the Dumawall XL or Dumawall + with a utility or sharp scoring knife, snap the panel/tile at the line, and sand edge if necessary.



Trimming – Skill saw



Trimming – Utility knife

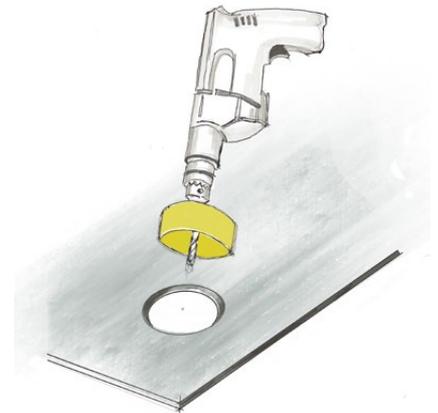
Creating openings



- To create openings for outlets and switches, mark the area to be removed. At the corner, drill a hole (15-18 mm diameter) and cut the remainder of the hole with a fine-tooth jigsaw. A jigsaw could create scratches to the surface finish, so cutting from the reverse side is recommended.



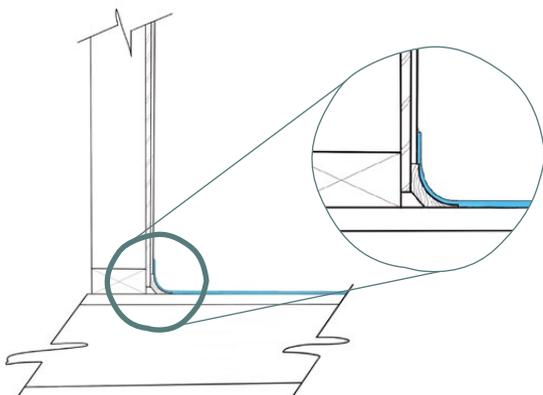
- For circular holes use a hole saw or drill a series of holes as close as possible to the other using a sharp 3.5 mm – 5.0 mm speed bit. Finish off with a utility knife and push waste material through.
- Remove edge profiles (tongue or groove) using a utility knife or table saw.



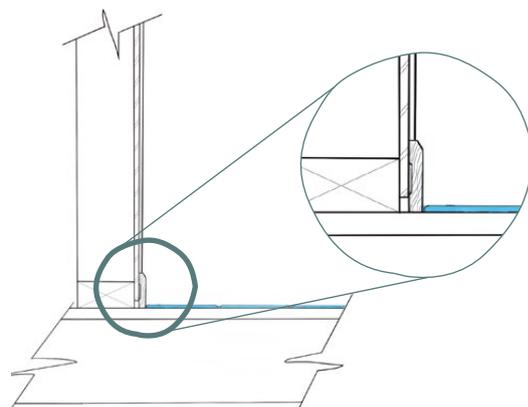
Corner and top and bottom row instructions



- Where a panel/tile butts up to a corner or where the tile is the top or bottom tile, remove the edge profile to allow for a clean 90° edge.

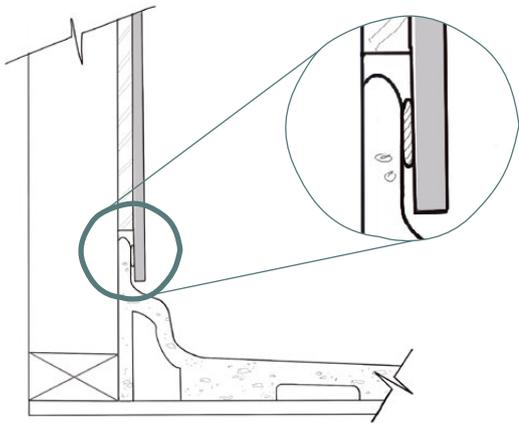


Coved floor junction

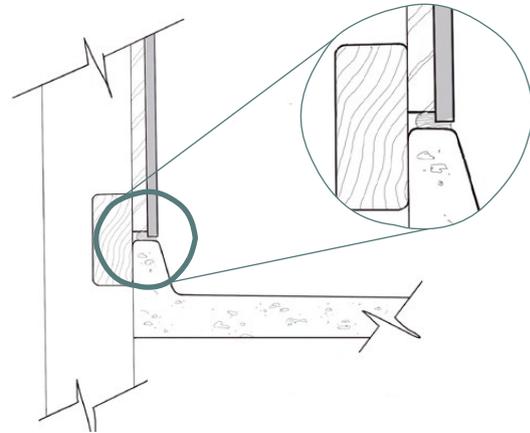


Skirting floor junction

Tiling around a shower, vanity, bath base



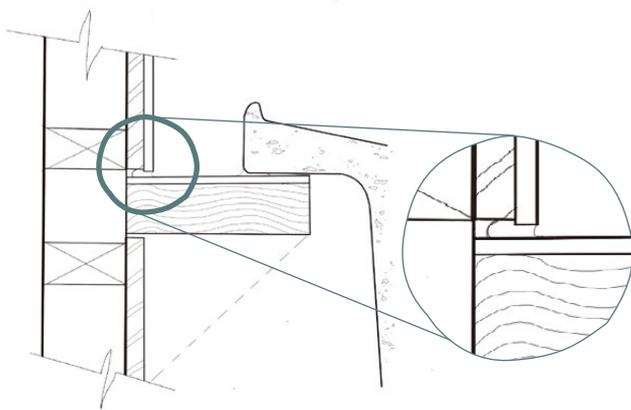
Shower/Wall Junction



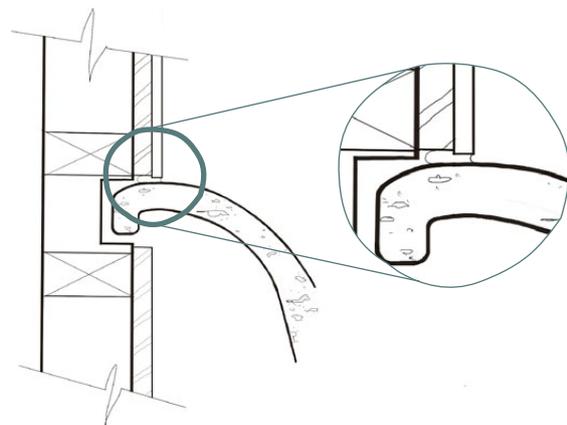
Vanity/Wall Junction

Shower trays

Treat in the same manner as for installing any wall lining. Overlap the top edge of the shower tray, while maintaining an open gap of approximately 5.0 mm (anti-capillary) between the edge of the shower tray and the panel/tile. A bead of silicon should be applied to the upper edge of the tray lip or flange before the panel/tile is installed.



Bath/Wall Overlay



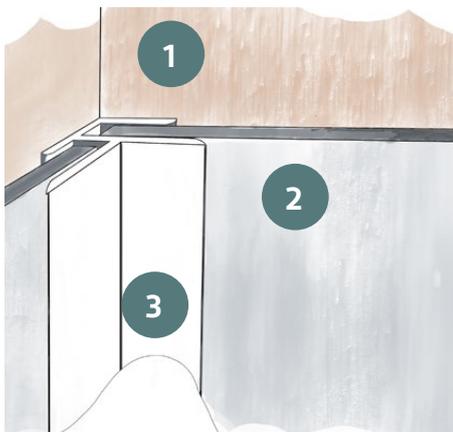
Bath/Wall Rebate

Bath wall junction

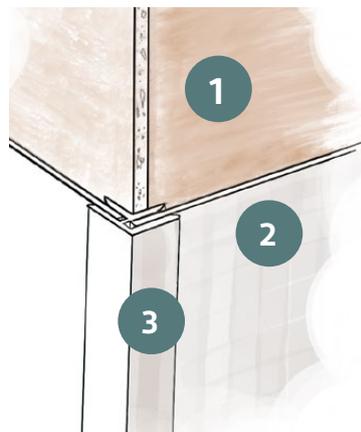
Most new baths or basins come complete with a raised lip or flange on the top edge. The same principles of the shower installation apply. If your bath does not have either, a proprietary flashing is the simplest solution to waterproof these junctions. Ensure the flashing has sufficient cover over the fixture edge.

Sealant for wet area instructions

- Apply a thin bead (2.0 mm – 3.0 mm) of sealant to the connecting edge of each Dumawall XL panel or Dumawall + tile on both vertical and horizontal edge profiles.
- Apply a thin bead of sealant along cut edges or edges placed in corners if not using trims.
- Apply sealant in the trim channel if corner trims are used.
- Where possible remove excess silicon before it cures.



Internal Corner Trim



External Corner Trim

- 1 Substrate panel.
- 2 Dumawall XL or Dumawall + adhered to the substrate panel.
- 3 Internal and external, aluminium or uPVC trim.
Apply a thin layer of sealant into the trim groove then fit the Dumawall tile.

- Dumawall aluminium trims must be used to finish off the edges, internal and external corners, or junctions to fittings or fixtures.
- Attach inside/outside corner trims with adhesive to the substrate, using a small bead of adhesive.
- Apply a bead of sealant into each of the channels of the trim to prevent water reaching the substrate.
- Attach finishing trims (to finish the terminal end of panels/tiles) by sliding into place on the panel's/tile's edge. Ensure adhesive is not applied a few centimetres from the edge of the tile or panel.
- Apply a bead of sealant into the receiving channel of the trim and press into place.
- Attach L trims (to cover existing exposed tiles) by pressing the trim into place with a bead of sealant on both the panel/tile and the substrate.

MAINTENANCE

Care and maintenance instructions



- The Dumawall XL and Dumawall + require simple, regular cleaning. They are water-resistant and so fully washable.
- Clean regularly using non-abrasive, household cleaning agent. Polish the panels/tiles to their original condition using a damp, soft cloth.
- Do not use abrasive, aggressive substances, chloride-based cleaning products, or solvents.



For further assistance please contact PSP Group:



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www.psp.co.nz

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