

Decorative Wall Panels; virtually seamless joins without the cost.

INSTALLATION INSTRUCTIONS

- All the information is given and based on good building practice and are not a complete statement of all relevant data. As the installation of Dumwall is influenced by and relies on factors outside the control of PSP Limited, PSP Limited assumes no responsibility for the installation of Dumwall and their suitability to satisfy relevant Building Codes and Regulations.
- Our products are produced with the greatest possible care. However, no guarantee can be given with regards to small differences in look and colour in different production runs and batches. Therefore, installations in one room have to be carried out with products with the same production date. The date is stated on the label of the packaging box. Differences in look and colour once the product is installed with different production dates will not be accepted. Labels stating production dates will need to be provided.
- Wear protective gear during installation; safety goggles, mask, gloves, ear protection and steel cap boots.
- Always work in a well-ventilated area.

General

Note: This is a guide only. For a detailed installation and maintenance guide please contact PSP Limited on 0800 786 883 or email info@psp.co.nz. The panels are particularly well suited for use in damp areas.

Typical applications include:

- Private residences: bathroom, kitchen, laundry room, garage, basement, bedroom and living room.
- Professional applications: office space, sporting halls, shop areas, bathrooms, kitchen and laundry.
- Prefab houses: caravans, mobile homes and boats.

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The panels may NOT be installed:

- Outdoors, on account of possible discolouration and the possibility that the product becomes brittle, unless explicitly stated or shown otherwise on the package insert.
- In spaces with a temperature in excess of 60°C or lower than -10°C, for example in a sauna or refrigerated area.
- On walls where the contact temperature may be above 60°C, e.g. on a chimney flue, by a stove or radiators.
- In poorly ventilated areas.
- In areas where there is an abnormally high concentration of sulphur (H2S).

Acclimatisation and inspection

- Lay the panels flat during transport.
- The panels should be laid flat for 48 hours in the area in which they will be installed with a minimum distance of 50 cm from the walls to adapt to the environmental conditions in the area. The ideal temperature before and during installation is approximately 20°C.
- Before installation, check each panel carefully in adequate lighting for scratches, dents, damage, difference in colour and any other deviations to the standard quality. A panel that is installed even though it shows faults is excluded from our warranty.
- If Dumawall is being considered for a sunroom or in a similar space, please pay attention to the combined effect of intense exposure to sunlight and increased temperature. The panels should not be exposed to temperatures higher than 60°C.

Preparation

- Ensure the timber support (nog/dwang/batten/stud) faces are straight, in alignment and flush
- Studs and nogs need to be at 450mm for Dumawall 900mm panels.
- Ensure all support surfaces to be bonded are clean and dry (maximum moisture content: 18%)
- It is also recommended to provide the open spaces in the framework behind the panels to allow for some air circulation.
- With an even base a strong adhesive may be used. The Dumawall XL panels may be glued directly onto existing tiling without removing it. This method is only suitable for dry surfaces free from dust and grease. For damp and uneven walls we recommend the use of support timber framing.

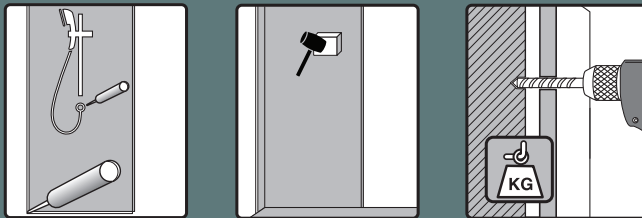
- For panels, use an MS-polymer based adhesive Sika MS123 or equivalent. Always check that the adhesive is suitable for use on the surface on which the Dumawall XL panels are going to be applied to. Take into account that the Dumawall XL panels will expand and contract in the event of major changes in temperature, provide 1mm per metre of Dumawall XL on either side. Visit <https://nzl.sika.com/en/home.html> and follow the Sika MS123 Application Guide.
- The Dumawall XL panels may be cut or shortened easily using a handsaw, table saw, portable circular saw or a sabre jig saw. Please take the necessary precautions when handling sharp tooling.
- Make allowances for the water supply by measuring and drilling the appropriate size hole.
- In advance and where possible, install support trims on the sides and base of the wall.

Installation

- A continuous bead of adhesive is recommended. Do not apply adhesive in blobs or spots.
- Recommended double sided foam tape - Gator Double Sided Foam Tape 12mm x 2mm x 30mtr or Danco 6620.
- For fixing on existing wall lining apply adhesive at 300mm centres and double sided tape at 400mm centres.
- For fixing on timber framing apply adhesive to horizontal framing and double sided tape to vertical framing. Double sided tape is used in conjunction with adhesives to provide temporary support during adhesive cure. This removes necessity of bracing the panels. The panels must be supported on the floor (do not affix in a floating manner). Installation without double sided tape to both plasterboard, other substrates types, and direct to timber and metal framing requires the positioning of timber supports to hold panels against wall while adhesive cures.
- For installation in a shower area, around a bath or other very damp places, a line of silicon must always be provided in the connection between the panels themselves and between the panels and support trims to ensure a completely waterproof joint. Thus also apply a silicon line between the panel and the edge of the shower or the bath. PSP Limited guarantees that the panels themselves are waterproof. Waterproofing each joint between the panels is the installer's responsibility and consequently PSP Limited will not be held liable for any damage caused to the wall/building structure.
- Use either Sika MS123, Sikasil NG, Gorilla Kitchen & Bathroom, Gorilla MS Sealant. Follow Manufacturers guidelines.
- Position the next panel next to it and apply a line of silicone between the joints for a completely waterproof connection. Ensure the panels are level and applied so that the following row fits in parallel. Also use silicone around the cut-out sections and drilled holes (refer figure 1).
- Tap the full surface using a rubber hammer (and protective block) and check with a level (refer figure 2).

Finishing and maintenance

- Do not attach heavy accessories like coat hooks, light fittings, mirrors, etc. directly to the panels but drill holes through the panels and use suitable screws and plugs to attach the accessories securely in the wall behind (Illustration 6). Put an extra support behind the panels.
- You can thoroughly clean the panels using a soft, non-abrasive cleaning agent. Do not use abrasives, aggressive substances or chloride-based cleaning products.
- This product is made from PVC and is 100% recyclable. PVC does not contain any hazardous substances.



Cleaning

Dumawall panels can be cleaned and polished to their original condition by using any typical household, non-abrasive cleaning agent. Normally, you only need a damp cloth to clean the panels thoroughly. Do not use abrasive, aggressive substances or cleaning products based on chloride. We do not recommend using solvents. Adhesive residue or pen marks are best removed using isopropyl alcohol. Please test a non-conspicuous area first before a full clean of the surface.