

INSTALLATION INSTRUCTIONS DUMAWALL XL DECORATIVE PANELS FOR WALLS

- **Read the installation instructions carefully. If the instructions are not fully adhered to the warranty shall be null and void.** Failure to comply with the instructions below releases the manufacturer from any liability.
- All the information is given in good faith and reflects our current knowledge and therefore may not be used against us.
- 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. This date is mentioned on the label of the packaging box. **Complaints about colour and tone differences of installed products with different production dates are not accepted.**
- Wear protective gear during installation like safety goggles, mask, gloves and steel-toe boots. Always work in a well-ventilated area.

General

The panels may be placed on walls of, for example:

- private residences: bathroom, kitchen, laundry room, garage, basement, bedroom, living room,...
- professional applications: office space, sporting halls, shop areas,...
- prefab houses, caravans and mobile homes, boats,...

The panels are particularly well suited for use in damp areas.

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 by daylight 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. **Complaints about inherent defects that were visible before installation shall not be accepted after installation.**
- When installing panels in a sunroom or in similar spaces, please pay attention to the combined effect of intense exposure to sunlight and increased temperature, since the panels could be exposed to temperatures higher than 60°C. Please check this before installation. If the temperature can become too high, then the panels may not be installed. Dumaplast cannot be held liable for damages caused on such occasions.

Preparation

- A sturdy support frame must be attached to **uneven or damaged bases** to ensure an even surface on which the panels may be installed (**illustration 1**).
 - Usually wooden lattice work is chosen. Plastic lattice work is also possible.
 - These supports are installed in the opposite direction of the panels (e.g. if the panels are installed horizontally, then the supports must be placed vertically).
 - The distance between the supports may be a maximum of 20 cm.
 - 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 the best adhesion, we recommend that you also degrease the back of the tiles, for example with isopropyl alcohol. For damp and uneven walls we recommend the use of lattice work.
 - Apply the adhesive in a zigzag pattern onto the panel or the base.
 - For panels, use an MS-polymer based adhesive, or a two-component polyurethane adhesive. Please always check that the adhesive is also suitable for use on the surface on which the DumawallXL panels shall be installed.
- **Take into account that the DumawallXL panels might expand and contract in the event of major changes in temperature** in an area, and provide for this by leaving extra space at the sides of the panel surface (1mm per running meter of DumawallXL on each side).
- 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 tools.
- Measure the rear walls and install sizes over the panel. Make allowances for the water supply. Drill holes in the panel for the water supply.
- In advance, install support trims on the sides.

Installation

- Apply the adhesive in a zigzag pattern on to the panel or the base.
 - Install the panel with the adhesive against the flat wall (A) or the window frame (B) (**illustration no. 2**) and spray silicone in the joint where possibly the following panel will be installed. The panels must be supported on the floor (do not affix in a floating manner).
 - Position the next panel next to it and spray silicone between the joints for a completely waterproof connection. Ensure the panels are always nice and level in each other's extension so that the following row fits in perfectly in parallel. Fully grout the edges at the top and bottom each time. Also use silicone around the cut-out sections and drilled holes (**illustration no. 3**).
- Tap the full surface using a rubber hammer (and protective block) and check with a straight slat (**illustration no. 4**).
- Keep the panels under tension for a few hours using glue clamps (A), support posts (B) and/or similar support material so that the adhesive can bond (**illustration no. 5**).
- **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.** Dumaplast may only guarantee that the panels themselves are waterproof. Waterproofing each joint between the panels is the installer's responsibility and consequently Dumaplast cannot be held liable for any damage resulting from this.

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.
- For maintenance use ordinary household products.
 - You can thoroughly clean the panels using a soft, non-abrasive cleaning agent. However, you usually only need a damp cloth to clean the panels
 - Do not use abrasives, aggressive substances or chloride-based cleaning products. Solvents should also not be used.
- This product is made from PVC and is 100% recyclable. PVC does not contain any hazardous substances.

