The original dumawall®

WATERPROOF WALL TILES

MADE IN BELGIUM • MADE IN BELGIUM •

Installation Guide

VERSION 2.5

Contents

Thank you for purchasing Dumawall+® PVC Wall Tiles. To achieve the best possible results and ensure long-lasting performance, please read and follow this installation guide carefully.

Preparation, following the installation guide, and ongoing care are essential to maintain the appearance, durability, and performance of your Dumawall+® installation.

We know you'll love the finished result.

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Let us inspire you!

1. Introduction

Dumawall+® is a 5mm thick, waterproof uPVC tile intended for use as internal wall linings. Dumawall+® Tiles feature an interlocking tongue and groove profile on all four edges and are available in the following size:

- 375mm x 650mm - 8 tiles per pack – 1.95m2.

Where Dumawall+® tile is to be installed in a wet area, the substrate must have a suitable waterproof membrane applied.

Ensure that the MS Polymer Adhesive & Sealant is suitable for the substrate (including compatibility with the waterproofing), and the Dumawall+® tile.

Dumawall+® tile is only intended for internal use, vertical installation and spaces where the sustained temperature does not exceed 60°C or fall below -10°C. It must not be installed within 1m of a heat source (< 60°C).

2. Preparation

Handling and Storage

Take care when transporting, handling, and storing Dumawall+® tile to prevent damage. Transport and store the panels flat. Cover in a well-ventilated area out of direct sunlight. Confirm that the tiles/panels have been stored in a flat position for a minimum of 48 hours prior to installation.

Safety and Tools

Follow simple health and safety practices:

- Create a safe working environment that is well organised, tidy, and clear of obstructions.
- Always ensure PPE is worn (eye protection, gloves, dust mask, and safety footwear).
- Always operate tools and equipment strictly in accordance with the supplier's manuals.
- Regularly service tools and equipment to ensure efficient and correct operation.
- Where possible, work in an area that is well ventilated or where mechanical dust extraction is possible. This is especially important if cutting or drilling. Where working at height, ensure the correct selection and use of safety gear.
- An electrician may be required where there is risk of electrocution.

Standard carpentry tools are required to install Dumawall+® tile.
The following tools may help to simplify installation:

- Drill + Speed Drill Bits
- Scribing Knife
- Utility Knife
- Scoring Knife
- Soft-faced Mallet
- Cartridge Gun
- Table Saw
- Circular Saw 3
- Hole Saw
- Jigsaw
- Hack Saw

Also to install Dumawall+® tile, the following products will be required: MS Polymer Adhesive & Sealant must be compatible with Dumawall+® tile and the substrate (including compatibility with waterproofing if applicable), Aluminium finishing trims and Masking Tape.

2. Preparation *Continued*

Prepare Substrate

Ensure that the substrate is level, true, and fixed soundly to the framing, as per your local National Construction Code (NCC). Check that the substrate surface is clean, dry, and free of contaminants. If required, lightly sand glossy surfaces to remove sheen.

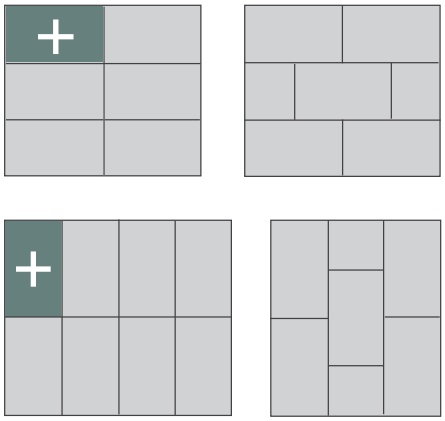
Dumawall+® tile can be bonded/fixed to most surfaces including existing tiles, concrete, plaster, plasterboard, and chipboard / plywood walls providing they are sound.

Where Dumawall+® tile is installed in a wet area, waterproofing of the substrate is required. Apply a suitable waterproofing to the substrate, and that your local National Construction Code (NCC) requirements have been complied with.

Plan the Layout

Consider tile/panel dimensions and orientation:

Dumawall+® tile 375mm x 650mm may be installed horizontally or vertically.



For each wall:

- Measure and mark fixtures that will affect the installation, especially electrical fixtures.
- Determine the centre of the wall; this represents the mid-point of the layout.
- The tiles will be positioned from the mid-point. Take note of the tiles that need to be cut.

Cutting Dumawall+®

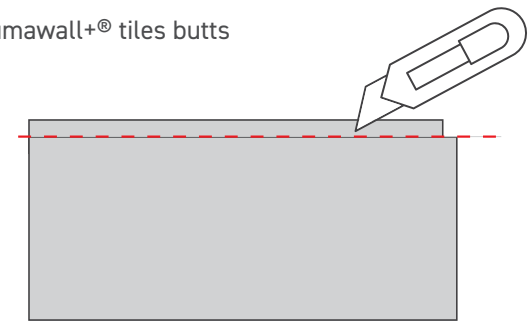
Measure and mark on the Dumawall+® tile where holes and cuts are required

Dumawall+® tiles may be cut with:

- A Circular Saw (60 tooth or higher)
- A Fine-toothed Blade Table Saw
- A Fine-toothed Jigsaw
- A Sharp Scoring Knife - to score a cut line Snap at the line and sand edge if necessary.

Tip: Apply masking tape to the cutline to protect the surface of Dumawall+® tiles and reduce the risk of chipping and saw-induced scratches.

Tongue profiles should be removed for a clean 90° edge where Dumawall+® tiles butts up to a corner or where it is in the top or bottom tile position.



1. Gently slice off the tongue with a utility knife.
2. Snap off any remaining edges and sand down if necessary.

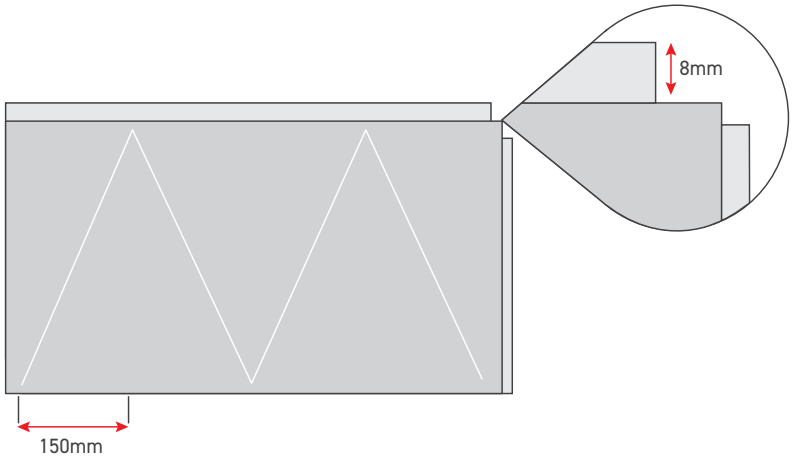
3. Install Dumawall+® Tiles

Create a Dry Layout

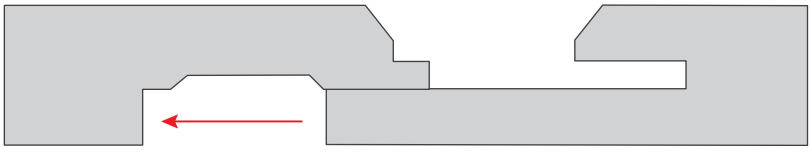
The dry layout stage is recommended to ensure that the final placement of Dumawall+® tiles is square and true. It will highlight any necessary adjustments to the substrate or if the Dumawall+® tiles need trimming to align with the wall, floor, or ceiling. Tongue profiles should be removed for a clean 90° edge where Dumawall+® tiles butts up to a corner or where it is in the top or bottom tile position.

Step 1:
Before applying the MS Polymer Adhesive & Sealant, wipe down the back of the tile/panel, and refer to the adhesive supplier's instructions.

Step 2:
For all Dumawall+® tiles, apply a continuous 5mm bead of in an M or W shape at approx .150mm centres.



Step 3:
Begin the Dumawall+® tiles installation from the bottom row, ensure the long 8mm tongue profile faces upwards. Apply even pressure across the tile and press it into place. Work from the mid-point right and left, connecting the next tile by inserting the tongue into the interlocking groove, cutting each tile as you go.



Step 4:
After the first row has set, install the remaining tiles/panels in your desired pattern, as planned during the dry layout stage.

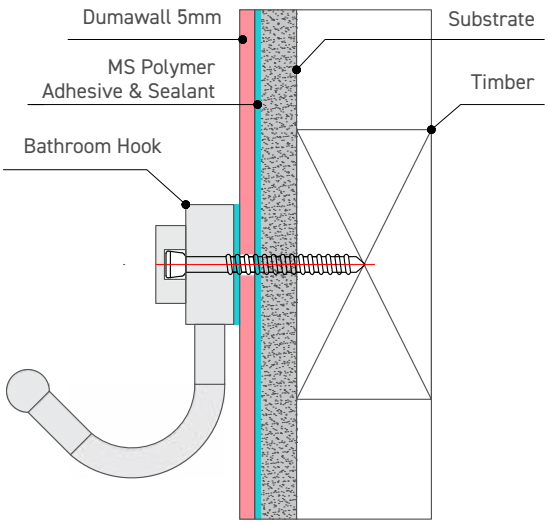
3. Install Dumawall+® Tiles *Continued*

Installing in Wet Areas

Use an MS Polymer Adhesive & Sealant in wet areas to ensure waterproofing in accordance with your local National Construction Code (NCC).

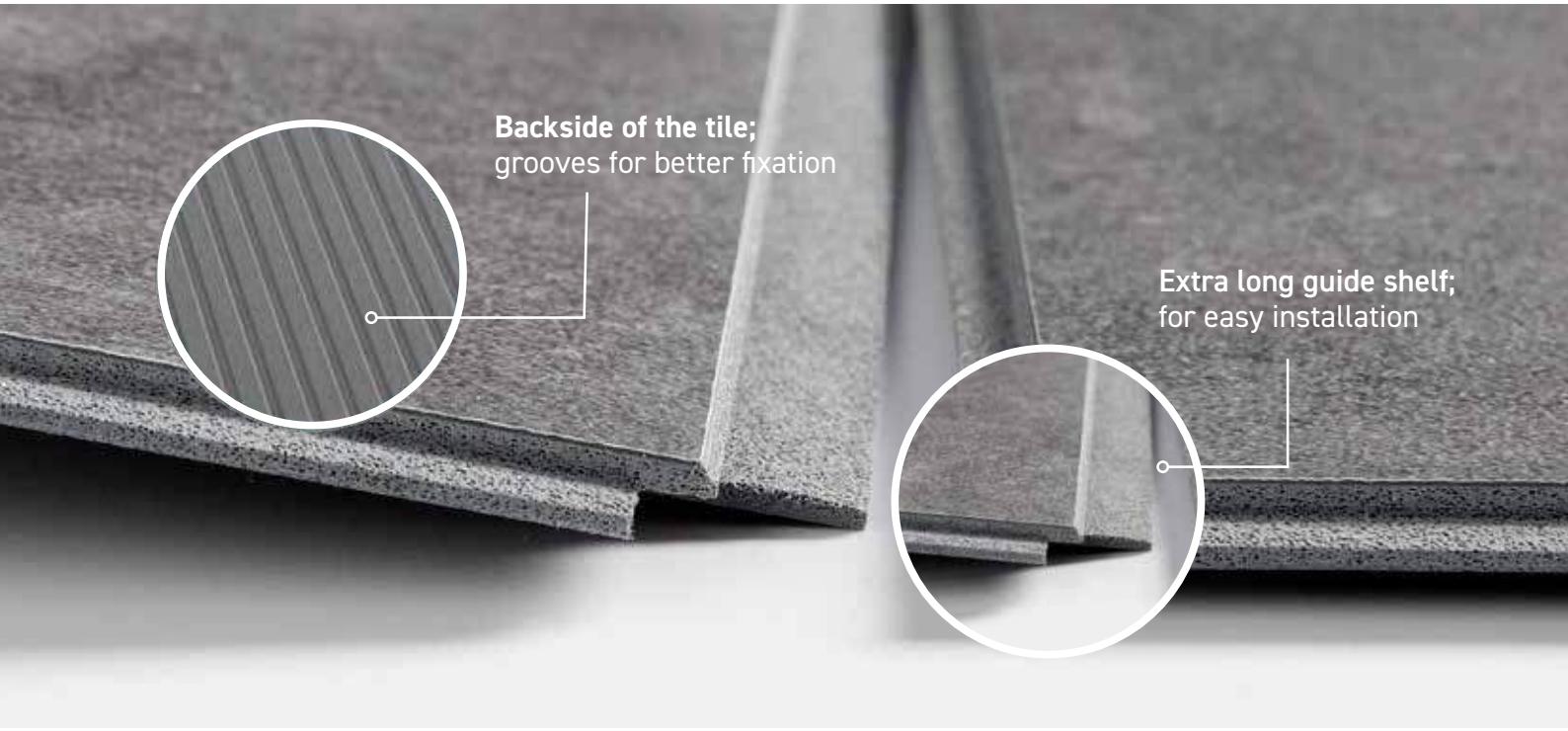
Install Fixtures

The adhered Dumawall+® tiles are not strong enough to support fixtures such as shelves and shower rails. “Stick on” fixtures are not recommended, as failure may cause damage to the Dumawall and substrate. It is best to install fixtures through to the framing.

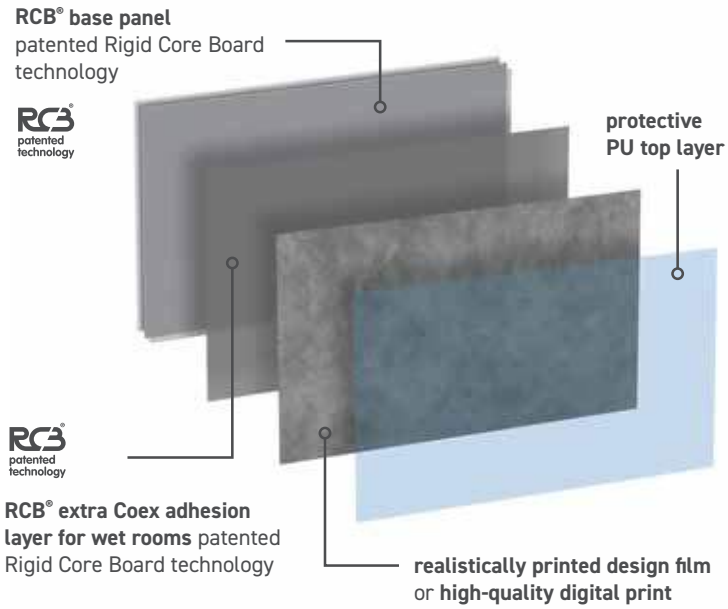


4. Care and Maintenance

Dumawall+® tiles are fully washable and should be regularly cleaned. Use a sponge with warm soapy water to remove any dirt or grime. Do not use abrasive substances or chloride-based products or solvents.



- No dirty grout lines
- Quick installation
- Easy connection
- UV resistant
- Waterproof
- Easy size
- Easy cover
- Adhesive application



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