

Renzapanel™ Specification

This is our original wall panelling product consisting of a board core with the decorative laminate on the front and a balancer laminate on the back.

We offer four options of core:

- Standard MDF
- Moisture Resistant
- Ultralite plywood
- Marine Grade Plywood

Renzapanel™ is a very durable product with a very hard- wearing face. It also has a degree of structural rigidity which can be an advantage in certain installations. It is supplied in a standard size 2420x1200x10mm- square edged, also we can supply different sizes for special orders.

Our wall panel can be bonded straight to the wall so long as the wall is straight and true. The surface of the wall will also need to whether it will support the bonded boards suitably. Alternatively, the boards can be fixed to a timber framework which is ideal to straighten up walls that are not true. As with all Renzapanel™ products our own sealants and adhesives should be used.

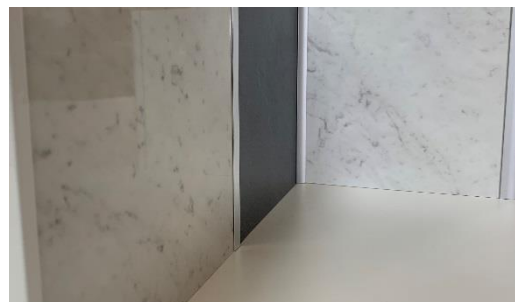
Renzapanel™ is a simple solution for any walls:

- Hygienic, washable and easy to maintain
- Very simple to install
- Can be cut to size very easily
- Save up to 50% of the cost
- Ideal for bathrooms, showers, kitchens etc.
- A wide range of decors
- Excellent insulation and sound proofing
- Recyclable

General notes on fixing panels

Panels can be fixed directly to battens or walls using Renzapanel™ panel adhesive. It is recommended that the panels are fixed to battens to provide air space behind. Fix treated timber battens horizontally with one at the head and one at the base of the panels

Additional horizontal battens should be a maximum distance of 500mm apart. They should be parallel to each other and plumb to give a solid ground for fixing the panels with Renzapanel™ adhesive. Additional battens should be used behind wash hand basins, towel rails and other heavy items to give a secure fixing.



Panel Preparation

1. Cutting Panels:

Cut panel with pattern facing upwards using a handsaw. If using an electric saw, cut panel with laminate face downwards.

2. Cut Edge Filing:

The panel edge should be filed at a slight angle away from the laminate edge.

3. Pipes and Accessories:

All pipes and accessories require a 3-4mm clearance, allowing them to be sealed with a bead of Renzapanel™ sealant. If fitting a collar, first seal with Renzapanel™ sealant.

4. Timber Battens:

Use battens if walls are uneven, at a maximum distance of 500mm apart. Fix panels to battens using Renzapanel™ adhesive.

5. Panel Fitting:

Fit panels 3mm above bath, shower tray or floor, with edge downwards. Seal gap with Renzapanel™ sealant. It is imperative that all edges are sealed, and the sealant is taken 5mm up the face of the panel at a 45° angle.

6. Panel & Decor Strip Sealing:

In wet areas such as a bathroom, use Renzapanel™ sealant inside each profile prior to inserting panel.

Renzapanel™ Installation

1. Where to start:

Panel in both directions around the room, starting at the corner furthest from the door. Fit the last panel above the doorway, placed in position tongue first and swung into position. All panels must be correctly aligned and plumb. Use Renzapanel™ panel adhesive to fix panels to battens. Seal all panel joints using Renzapanel™ sealant.

2. Begin Panelling:

Fix a Renzapanel™ internal profile in position first ensuring that it is plumb. Apply Renzapanel™ sealant to the recess of the profile. Apply Renzapanel™ adhesive to the battens. After removing the smaller tongue or cutting to size insert the first panel. Continue to panel away from the corner in both directions, fixing panels to battens with Renzapanel™ adhesive, and sealing joints with Renzapanel™ sealant.

3. Continue Panelling:

Continue panelling around the room fixing each panel to the battens with Renzapanel™ adhesive, or screws through the back lip of grooved edge. Seal tongue and groove joints using Renzapanel™ sealant. Where appropriate use internal and external corner profiles, sealing with Renzapanel™ sealant. Square cut with aluminium joint extrusions which allow for on-site cutting, the edges being covered by aluminium trim extrusions. This will facilitate for faster installation.

4. Fit the shower tray hard against or cut into the wall. First cut the panels and profiles to size. Fix a Renzapanel™ internal profile in position ensure that it is plumb. Apply Renzapanel™ sealant into profile and insert panels. Fix panels to battens using Renzapanel™ panel adhesive.

5. First panel is fitted as for the two-panel shower enclosure. Put a second internal corner profile onto the edge of second panel and apply Renzapanel™ adhesive to the battens. Insert other edge into profile already attached to the wall, and swing into place forming back of enclosure. Fix profile to wall, insert third panel and glue to wall. Ensure a generous bead of Renzapanel™ sealant is applied into all the profiles.

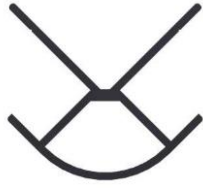
6. Finish outer panel edges with U-Trim, applying a bead of Renzapanel™ sealant into the U-Trim. Seal all gaps around the tray with Renzapanel™ sealant prior to installing the shower door or side panel.

Use the H continuous run decorative aluminium joining and stacking profile to join panels and install in a similar manner to tongue and groove panelling, applying a generous bead of Renzapanel™ sealant into the profile.

Aluminium Profiles

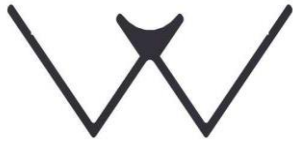
1. Internal corner profile:

(2400mm) Used on all internal 90° corners sealing with Renzapanel™ sealant.



2. External corner profile:

(2500 mm) Used on 90° external corners, sealing with Renzapanel™ sealant.



3. Joining and stacking profile:

(2500 mm) Used to mount panels side by side, or above each other, sealing with Renzapanel™ sealant.



4. U-TRIM:

(2500 mm) Finishing touches and cap for square cut edge of panel, sealing with Renzapanel™ sealant.



Renzapanel™ Adhesives and Sealants

It is recommended that only Renzapanel™ own brand adhesives and sealants are used.

Approximately 1 cartridge of Renzapanel™ adhesive and 1 cartridge of Renzapanel™ sealant is required for an 800 mm wide panel.

Cleaning and maintenance

The hardwearing surface of the panelling and aluminium profiles can be hygienically cleaned with Renzapanel™ spray cleaner which is a mild non-abrasive cleaner with anti-bacterial cleanser. Abrasive cleaners or bleach must not be used.

A large variety of possible applications

Commercial:

Hotels: bathrooms, kitchens, wet areas, reception areas, etc

Cafeterias: food preparation areas, kitchen, toilet facilities, etc

Offices, shops, hospitals, schools, laboratories, etc

Industrial:

Warehouses, workshops, site offices, modular buildings, etc.

Campervan/motorhome conversion

Marine industry