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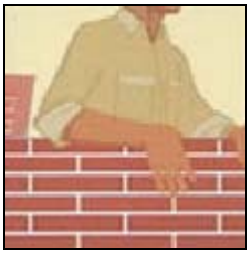
Panel Installation Guide

Muros Wall Panels allow you to create or transform any environment with great results! Panels are supplied ready for convenient installation. Due to their lightweight and flexible construction fitting is completed with little mess and in minimal time.
For correct installation and finish, we use and recommend Muros Trained Installers. Muros Wall Panels can also be installed by skilled builders, shop-fitters and set designers - or those experienced and wanting a Do-It-Yourself (DIY) project.

This step-by-step guide is designed to demonstrate the installation process and assist those undertaking their own installation.
Please note: Provision of this guide does not provide or imply any guarantee of finished result. Further information is available on the Muros website - **www.muros.co.nz**. Panels and installation materials (mastic, paint, catalyst) are available from Muros International.

1a PREPARATION



ALWAYS WORK SAFE AND USE SAFETY EQUIPMENT IN A WELL-VENTILATED AREA.
To avoid damage all panels should be wrapped with protective packaging while in storage or being moved.
To avoid bending, wall panels should be stored in a horizontal position (standing up or lying down).
Prior to installation a sound structure is required to affix the panels (includes stud and nogs preferably using Ply or MDF, although Gib is fine).

1b MEASURE AREA

Measure the area where the installation will be made. Calculate how full panels can be positioned to most economically cover all, or the majority, of the area. Next, calculate how many cut panels will be needed to complete the area (if required). Add up the number of panels (full and cut) required for the project. Ensure you have sufficient panels prior to starting the installation.

1c CUTTING

Where required cut full panels into pieces to fit into smaller areas. Remember to leave up to a 5mm space between panels. (Later, use this space to apply and shape mastic to create a consistent and seamless joint between panels). Cut panels evenly and continuously on a flat surface using a radial saw or angle grinder (preferably with blades/ disks for fibre/ polyester). Install cut panels as outlined in Step 2.

2 FIXING

Starting from the top, place panels in position one at a time and drill holes through the panel into the structure behind. **Where possible, always screw through the joints, not the panel design.** Screws should be placed at a maximum of every 600mm (approx 15 screws per panel). Use 32mm / 8 diameter zinc-coated screws. Depending upon design a space up to 5mm should be left between panels for mastic.

3 MASTIC

Once all panels have been screwed into place the next step is to seal the screw heads and spaces between each panel. This is completed using Muros Mastic (soft putty) and Muros Catalyst. **You will require approx 1kg mastic per installed panel** (quantities vary based on installation type). To prepare the mastic, **add 10cc of catalyst for every 1kg of mastic** - and mix both together. The mastic is now ready to use.

4a SEALING

Mastic should be applied promptly following preparation. Do leave uncovered or leave in heat as the mastic may set before application.
Using a spatula apply mastic in the spaces between each installed panel. The mastic will harden to form a strong seal between each panel. Also apply to hide the screw heads and where any panel rebuilding or repair is required.

4b TEXTURING

Before the mastic sets shape it with light touches using a no 6 brush. The goal is to match the texture and relief of the panel design. This is a critical part of the installation process because joints between panels should not be visible. Regularly remove excess mastic and clean the brush continuously with acetone. A sponge can be used to help achieve the desired texture. Selleys No More Gaps may also be used to fill any unwanted gaps left between panel and wall.

5 PAINTING

When the mastic is dry (normally 24 hours) paint it using specified Muros paints. The aim is to integrate the colours to ensure a perfect finish with consistent relief, texture and colour over the whole decorated area. Apply paint using a spray gun or paint brushes. A sponge can be used to rub the surface lightly to combine the paint with the surrounding panel. This is final step… the installation is complete.