

Panel Benefits Guide

This guide is designed to increase your understanding of the Muros panel system and assist with your decision-making. For more information please visit www.muros.co.nz or contact Muros International at team@muros.co.nz.

Easy Installation and Removal

- Easily drilled and cut on site
- Can be fixed to any surface and require no building work
- Easily installed and removed
- Joins are perfectly hidden
- No construction permits required



Lightweight

- Light and adaptable to any structure
- Easy to handle and install
- Removes the need for engineering reports and structural compliance
- Average panel thickness is 4-5 mm (according to design)
- Approximate weight 6-8 kg per m²



Strong and Durable

- Robust construction
- Not affected by erosion
- High resistance to changes and extremes of temperature and ultraviolet rays

Authentic Finish

- Innovative design and manufacture process reproduces a perfect look, colour and texture
- Raised relief means panels are shaped and feel like the original product



Universal application

- Suitable for both interior settings and exterior locations
- * Muros International is consulting with BRANZ and local councils regarding approval for external use in NZ*

Flexible

- Wall and ceiling panels can be curved. The radius (panel curvature) is determined by the design of each panel. Radium range between 90° (thick relief - e.g. White Old Masonry) to 180° (thin panels with little relief - e.g. concrete).

Water Resistant

- Damp and weather proof

Fire-resistant

- Materials are manufactured in M1 (fire-resistant) and M3 (medium flammability) categories*. M1 certification means products are practically inflammable (i.e. they do not give off flammable gases and have very low flame spread with minimum size and persistence according to formal tests carried out). M3 products contain material with medium flammability. From 2010 Muros expects to also provide panels constructed to M0 (non-combustible) certification level.
- * Ratings based on European accreditation by Laboratoire National D'Essais (LNE) – Australasian certification is currently being investigated*

Low VOCs

Muros panels contain Estireno (Polystyrene) as the only Volatile Organic Compound (VOC). The quantity of residual Estireno changes according to time passed from production*.

- Residual Estireno from manufacture to one week (4.5%) – N/A for NZ due to shipping time
- Residual Estireno from manufacture to 3 months (4.0%)
- Residual Estireno from manufacture to 6 months (3.5%)

** Figures stated represent approximate data*

Maintenance-free

- Require no maintenance once installed (recommended installation by Muros Trained Installer)

Reusable

- Panels can be removed easily and reused (thereby increasing their life and value)

Cost-effective*

- Achieves the same high quality finish with potential to save up to 30% on the total installed cost of original materials
- * Costings will vary depending upon selected panel design, location, access and installation type*

Quality Performance

- Design and manufacture processes have achieved significant recognition and accreditation including Innovative European Technology, ISO9001 (Quality) and ISO14001 (Environment)

