



Wall Panel Benefits

This guide is designed to increase your understanding of Muros Wall Panels and assist with your decision-making and specifying. For more information please visit www.muros.co.nz or contact Muros International at design@muros.co.nz.

5-step installation

- Easily drilled and cut on site
- Can be fixed to most surfaces requiring no structural work
- Straight-forward installation
- Joints are concealed
- Construction consents not required

Lightweight

- Approximate weight 6-8 kg per m²
- Light and adaptable to any structure
- Easy to move and handle
- Removes the need for engineering reports and structural compliance
- Average panel thickness is 8 - 45mm (according to design)

Strong and Durable

- Robust construction
- Not affected by erosion
- High resistance to changes and extremes of temperature and ultra-violet 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 interior settings and some exterior* locations
** Muros Wall Panels provide a decorative finish - not a cladding - and have been used successfully for over 25 year in most spaces. Panels are strong and durable with properties that include resistance to fire, water, erosion and ultra-violet light.*

Flexible

- Wall and ceiling panels can be curved. Radius (panel curvature) is determined by the design of each panel. Radium range between 90° (thick relief - e.g. Muros Barrelwood) to 180° (thin panels with little relief - e.g. Muros Roughcast Concrete).

Water Resistant

- Damp and weather proof

Fire-resistant

- Muros Wall Panels are fire resistant. In 2013 panels were tested to latest Australasian fire rating standards: ISO 5660 (NZ) and AS/NZS 3837 (Australia). The wall panels achieved a Group 3 Number Classification rating as reported by BRANZ. In accordance with standard UNE-EN 13501-1:2007 + A1:2010, Muros Wall Panels received a B-s2, dQ classification in the Euroclass Fire Rating, consistent with Group 1 Number Classification rating.

Low VOCs

Muros Wall 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 most locations 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 little or no maintenance once installed.

Reusable

- In some circumstances panels can be removed and reused, thereby increasing panel life and value.

Cost-effective*

- Achieves the same high quality finish with potential for significant savings over the total installed cost of original materials
** Costings vary depending upon selected panel design, location, access, build and installation type*

Quality Performance

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

