

Panel Specification Guide



Product Name:	Muros Wall Panels
Description:	Decorative fibreglass-based panels representing an authentic look, colour, texture and relief of natural materials. Panels are used for a wide range of building applications, primarily walls and ceilings.
Design:	Over 100 designs, created from real-life textures, in stone, brick, wood, concrete, rock and contemporary styles.
Construction:	A base of natural and mineral pigments, mixed with polyester resin and fibreglass
Application:	Designed and used extensively for all internal and external* applications <i>* Muros Wall Panels provide a decorative finish - not a cladding - and have been used successfully for over 20 year in all spaces. Panels are very strong and durable with properties that include resistance to fire, water, erosion and ultra-violet light.</i>
Shapes:	Available in flat rectangular sheets, pillars, beams, arches, corbels, doors and other miscellaneous shapes
Dimensions*:	Width = 3,300mm Height = 1,300mm Depth = 8mm - 25mm (range) Sq metre = 4.30m ² <i>* Dimensions stated are indicative only and apply to Muros Wall Panels. Dimensions vary between designs. For confirmation of panel sizes view the Muros website or contact Muros International.</i>
Weight:	Panels are lightweight and range between 6 - 8kgs per m ² or 25 - 35kgs per panel (depending upon design)
Radius:	Wall and ceiling panels are flexible. 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).
ISO Accreditation:	ISO9001 (Quality) and ISO14001 (Environment) - applies to design and manufacture processes
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*. <ul style="list-style-type: none"> ■ Residual Estireno from manufacture to one week (4.5%) - N/A due to majority of shipping times ■ Residual Estireno from manufacture to 3 months (4.0%) ■ Residual Estireno from manufacture to 6 months (3.5%) <i>* Figures stated represent approximate data</i>
Fire Rating:	Muros Wall Panels are fire resistant. In 2013 Muros Wall 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. Wall Panels also perform to M1 and M3 fire resistant categories (European standard).
Green Star Credits:	An application is planned next year for one Green Star Credit in the 'Office Interiors - Mat-3 category'
Cleaning:	Clean panels using a dust cloth or light soapy water - DO NOT use solvents
Installation:	Prior to installation a sound structure is required to screw (zinc-coated) panels into - e.g. Ply/ MDF wall Installation creates a seamless design and involves the following steps: <ol style="list-style-type: none"> 1) Fixing - screw full panels into place, utilising wall studs and nogs 2) Cutting - cut panels to size to fill any areas not already covered in step 1 3) Sealing - using mastic (soft putty) cover screws and fill the 5-10mm spaces between panels 4) Texturing - texture the mastic to ensure a consistent design and relief between panels 5) Colouring - paint the mastic to ensure a consistent colour and shade between panels
Warranty*:	5-year manufacturer's warranty <i>* Warranty applies when panels are used for their intended purpose and installed correctly.</i>

For installation enquiries or more information visit www.muros.co.nz or contact Muros International at design@muros.co.nz.