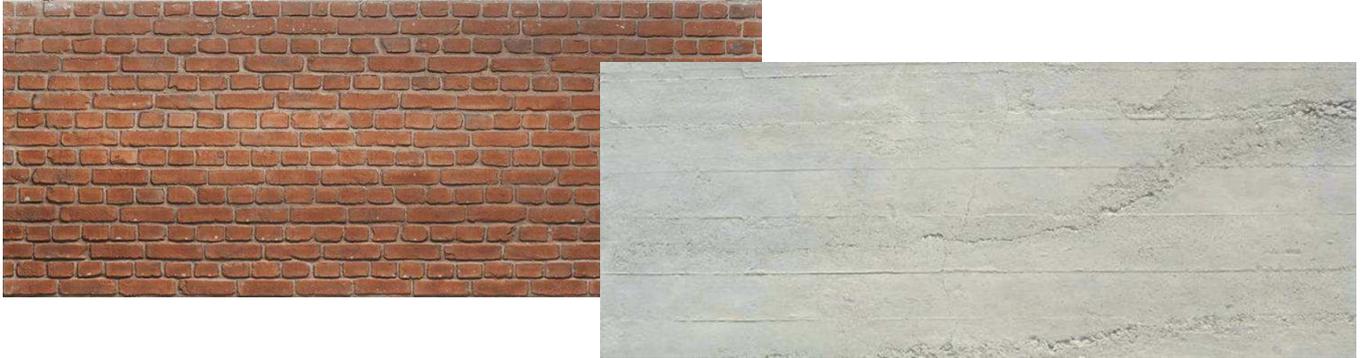




Wall Panel Specification



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 internal and external* applications <i>* Muros Wall Panels provide a decorative finish - not a cladding - and have been used successfully for over 25 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 and wooden beams.						
Dimensions*:	Width = 3,300mm Height = 1,300mm Depth = 8mm - 45mm (varies by design) Area = 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 (varies by 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*. <table><tr><td></td><td>Residual Estireno from manufacture to one week (4.5%) - N/A due to majority of shipping times</td></tr><tr><td></td><td>Residual Estireno from manufacture to 3 months (4.0%)</td></tr><tr><td></td><td>Residual Estireno from manufacture to 6 months (3.5%)</td></tr></table> <i>* Figures stated represent approximate data</i>		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%)
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	Residual Estireno from manufacture to 6 months (3.5%)						
Fire Rating:	Muros Wall Panels are fire resistant. In 2013 Muros Wall Panels were BRANZ tested to latest Australasian fire rating standards: ISO 5660 (NZ) and AS/NZS 3837 (Australia). The wall panels achieved a <u>Group 3 Number Classification</u> rating as reported by BRANZ. Wall Panels are also available for <u>Group 1 Number Classification</u> .						
Durability:	The Gaiker Aging Report concludes following moisture, heat and UV tests on Muros Wall Panels: Aging applied does not affect the mechanical performance of material.						
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, damp cloth or mild soapy water - DO NOT use solvents.						
Installation:	Install according to Muros guidelines. Prior to installation a sound structure - e.g. 18mm Ply or MDF - is preferred for mechanical fixing wall panels in place. Then follow the following steps: <ol style="list-style-type: none">1) Fixing - Screw full panels into place, utilising sound substrate and stud/ nogs.*2) Cutting - cut panels to size to fill any areas not already covered by panels in step 13) Sealing - use Mastic* (soft putty) to cover screws and fill the up to 5mm gaps between installed panels4) Texturing - using Acetone texture the Mastic to ensure a consistent design and relief between panels5) Painting - paint Mastic used on joints and screwheads to ensure a consistent colour and finish <i>* Use Holdfast Saudaseal 240 for the following applications: a) External use; b) When flexible joints are required; and c) Wall panel adhesive for extra strength/ hold (to be used in conjunction with mechanical fixing)</i>						
Warranty:	10-year Manufacturer's Warranty* <i>* Warranty applies when wall panels are used internally 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.