

Hydrapanel pre-finished wall and ceiling lining

Product Technical Statement: 107325



Panel lining that is impervious to moisture and resistant to water, steam, abrasion & chemicals

[View miproducts listing](#)



Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Hydrapanel confirms that this minimum level of assurance has been met or exceeded by the following:

CodeMark
[SAIG-CM20090](#)



Technical Statement

Scope of use

Hydrapanel can be fixed to timber or steel framing in accordance with NZS 3604 light framed buildings and also to existing wall linings.

Examples of use ;

Refurbishment, Bathrooms, Showers, Laundries, Toilet, Kitchens, Kitchen Splashbacks, Utility Rooms, Garages, Retail fit outs, Cabinetry panels, Display Panels, Signage, Shop Linings, Food preparation, Restaurants, Commercial kitchens, Hospitals, Aged Care, Agricultural and heavy wash down areas, Industrial wet areas and public showers, Fast food, service areas in Hotels

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(c)
- **Clause E3 Internal moisture:** Performance E3.3.4, E3.3.5, E3.3.6
- **Clause F2 Hazardous building materials:** Performance F2.3.1
- **Clause G3 Food preparation and prevention of contamination:** Performance G3.3.2

Notes

Codemark Certificate of Conformity

Certificate Number SAIG-CM20090

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Hydrapanel complies with the New Zealand Building Code (NZBC) and meets the following provisions of the NZBC

B1 - Structure - B1.3.2, Acceptable solution b1/AS1 Table1, Shoer Linings

B2 - Durability - B2.3.1(c) 5 years, Acceptable Solution b2/as1, Table 1

E3 - Internal Moisture - E3 - section 3/1/2, Acceptable solution E3/AS1 - section 3.2.1(g) section 3.3.4, 3.3.5, 3.3.6

G3 - Food Preparation an prevention of Contamination - G3 - G3.3.2(a), Acceptable Solution g3?AS! section 1.6, section 2.1.5, 2.2.3

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



CodeMark
[SAIG-CM20090](#)

Use in Service History

Hydrapanel was officially introduced to the NZ market by Bunnings in February 2015.

Previous to this Hydrapanel had been used directly into specific contracts as part of the final design and codemark certification process.

The first versions and design process started in 2012 and are an extension of product developments that started with research design and production of water resistant timber flooring systems that

masterspec partner

Company Contact Details



Company: Hydrawood Holdings Limited

Physical: Ponsonby
Address: Auckland

Postal: PO Box 47927
Address: Ponsonby
Auckland

Telephone: 64 09 3651660

Email: info@hydrawood.co.nz

Website: <http://www.hydrawood.co.nz/>

Hydrapanel pre-finished wall and ceiling lining

Product Technical Statement: 107325



Hydrawood Group have been developing since 1998

Product Criteria

Design requirements

Hydrapanel is a non-structural pre finished wall and ceiling panel lining that is impervious to moisture and resistant to water, steam, abrasion and typical cleaning materials. Intended primarily for use in wet areas such as bathrooms, kitchens and laundries

Hydrapanel is ideal for use as a lining system in areas requiring durability, high impact resistance and areas requiring a high level of hygiene.

Hydrapanel is constructed as a sandwich lamination of high pressure laminates and magnesium oxide sheets. The panels are silica free, contain no VOCs and are contractor friendly requiring no special tools for cutting or installation.

Panels can be fixed to timber or steel framing and to existing linings with a range of plastic and aluminium track systems and fillets.

Installation requirements

Hydrawood Lining products can be fixed directly to Steel and also timber frame constructions.

Lined Walls and ceilings Surfaces, such as plasterboard must be flat, sound and suitably fixed

Ensure concrete, masonry is dry and seal if necessary.

Old shower linings must be removed, framing and plumbing must be inspected to ensure items are fit for covering.

Full instructions can be viewed and or downloaded @ <http://www.hydrawood.co.nz/installation-and-specifications>

Maintenance requirements

Hydrawood Linings are water and moisture resistant panels, however the sheets must be installed and maintained to resist water penetration.

Care must be given to joints and penetrations and these must be maintained to ensure that no water can penetrate to the framing.

Hydrawood Linings are finished in High Pressure Laminate and such the cleaning of such should be with non abrasive cloths and cleaners

Warrantees

STORAGE AND HANDLING OF SHEETS

Long term storage of the sheets must be under cover on evenly spaced bearers(600mm max) to keep them flat and dry. Outside storage requires panels to be covered with a breathable waterproof material that allows air to circulate around the panel stack. Panels must be lifted and not dragged off the stack.

PRODUCT WARRANTY

Hydrawood Flooring Systems Limited warrants the product, will be free of defects due to factory manufacturing and, subject to condition set out below, will be resistant to delaminating, rotting, cracking, termite damage for a period of 15 years from the date of purchase. This warranty applies to the first purchaser of the product and is not transferable Conditions apply

Company Product Information

Environmental

Hydrapanel is a sandwich construction panel

Comprised of

1. Face and back - High Pressure Laminate
2. Core - Magnesium Oxide

Quality Assurance



ISO 9001 (Quality Management)



Date last validated: **07 October 2016**



Date last updated: **07 October 2016**

Disclaimer: The Product Technical Statement (PTS) template is copyright to Construction Information Limited. However the content of this PTS is the responsibility of the product manufacturer/supplier. Refer to the miproducts Terms and Conditions