

4.5mm thick sheet for precladding on timber framing

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either a BRANZ or independent Appraisal or CodeMark



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

CodeMark
[CM30130 Rev A](#)
BRANZ Appraisal
[611](#)



Technical Statement

Product Description

HomeRAB™ PreClad™ Lining an alternative to traditional building wraps used in residential building.

Scope of use

Used as rigid air barrier for residential buildings within the scope of NZS 3604 and in wind zones up to and including VH as per NZS 3604.

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 B1 Structure:** Performance B1.3.1, B1.3.2
- **Clause B2 Durability:** Performance B2.3.1(a), B2.3.1(b), B2.3.2
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.6, C3.7(a)
- **Clause E2 External moisture:** Performance E2.3.2, E2.3.3, E2.3.4, E2.3.5, E2.3.6
- **Clause F2 Hazardous building materials:** Performance F2.3.1
- **Clause H1 Energy efficiency :** Performance H1.3.1

Evidence

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

Structure - B1: HomeRAB™ Pre-Cladding installed as per its installation manual has been assessed to withstand wind pressures for various wind zones up to and including VH as per NZS 3604 and meets the requirements of B1.3.1, B1.3.2 and B1.3.4 of Clause B1. HomeRAB™ Pre-Cladding is tested as per BRANZ P21 test and is suitable for use in bracing applications for buildings within the scope of NZS 3604.

Durability - B2: HomeRAB™ Pre-Cladding is manufactured in accordance with AS/NZS 2908.2 and meets the durability performance requirements of section B2.3.1(a) and B2.3.2 of Clause-B2.

External Moisture - E2: HomeRAB™ Pre-Cladding has been tested and meets the requirements of Table 23 of E2/AS1.

Hazardous Building Materials - F2: HomeRAB™ Pre-Cladding complies with the requirements of F2.3.1 and will not present a health hazard when handled as per its technical specifications.

Supporting Evidence

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



CodeMark
[CM30130 Rev A](#)



BRANZ Appraisal
[611](#)

Product Criteria

Design requirements

No intermediate cavity battens required. Suitable to withstand wind pressures experienced in wind zones as specified in NZS 3604 up to very high wind zone. HomeRAB™ Pre-Cladding can be used to achieve structural bracing. When used in a bracing element it must be fixed with Hardie™ Flex nails.

masterspec partner

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Installation requirements

Sealing tape must be installed over all vertical joints.

Horizontal flashing must be installed when more than one sheet high.

Warrantees

HomeRAB™ Pre-Cladding has a standard product warranty of 15 years.

Company Product Information

Environmental

We aim to conduct business in an environmentally sound and sustainable manner and to use management systems and operating procedures to identify, monitor, control and reduce the impact of our operations and our products on the environment. We strive to continually improve our manufacturing processes and product formulations to minimise our carbon footprint. As such, we are committed to ecologically sustainable development (ESD) principles.

Quality Assurance



ISO 9001 (Quality Management)



Date last validated: **20 June 2022**



Date last updated: **20 June 2022**

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