

Product Technical Statement

Product Description: James Hardie™ Weatherboards are available in three different profiles in 7.5mm thickness.

Scope of Use: James Hardie Weatherboards are suitable for use as external wall cladding on residential buildings within the scope of E2/AS1 or light weight residential buildings covered by a specific engineering design (SED). It can be installed to the framing using direct fixed method for buildings within the risk score of 6 and on timber cavity batten for building with risk score 7 and above calculated as per Table 2 of E2/AS1.

Limitations: James Hardie Weatherboards must not be used in following situations;

- In curved wall applications
- In situations where it stays in contact with ground moisture
- When risk score is above 20

Compliance with the NZBC:

James Hardie Weatherboards are classified as acceptable solution in accordance with E2/AS1 and meets the requirements of the NZBC.

Structure - B1: James Hardie Weatherboards installed as per its technical specifications have been assessed to withstand wind pressures for various wind zones as per NZS 3604 and meets the requirements of B1.3.1, B1.3.2 and B1.3.4 of Clause B1.

Durability - B2: James Hardie Weatherboards are manufactured in accordance with AS/NZS 2908.2 and meets the durability performance requirements of section B2.3.1(b) and B2.3.2 of Clause B2.

External Moisture - E2: James Hardie Weatherboards installed as per Section 9.5 of E2/AS1 and its technical specification complies with Clause E2.

Fire Performance - C: James Hardie Weatherboards have been assessed and are classified as non-combustible material and are suitable for use on external walls close to boundaries.

Hazardous Building Materials - F2: James Hardie Weatherboard complies with the requirements of F2.3.1 and will not present a health hazard when handled as per its technical specifications.

Energy Efficiency - H1: *External walls clad with* James Hardie Weatherboards using bulk insulation meet the construction R-Value requirements as per Table 1 of Clause H1.

Installation: James Hardie Weatherboards must be installed in accordance with James Hardie Weatherboards technical specification. . The specification and details are available at James Hardie web site www.jameshardie.co.nz or Ask James Hardie™ at 0800 808 868 for further information.

Warranty: James Hardie Weatherboard has a product warranty of 15 years when installed and maintained as per the current technical specification.

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