

Product Technical Statement

Product Description: Linea Weatherboard is a bevelbacked weatherboard wall cladding manufactured using low density fibre cement formulation.

Scope of Use: Linea Weatherboard is suitable for use as external wall cladding on residential buildings within the scope of E2/AS1 or light weight residential/commercial buildings with design wind pressure of 2.5kPa (uls) covered by a specific engineering design (SED). It can be installed direct fixed to the framing for residential buildings within or up to the risk score 12 calculated as per E2/AS1. Or, it can be fixed over a timber cavity batten that is nominal 20mm thick and used for buildings that are exposed to wind pressures up to 2.5kPa (uls).

Linea Weatherboard is also suitable for use in fire rated systems and bracing applications.

Limitations: Linea Weatherboard cladding must not be used in curved wall applications or in situations where it stays in contact with ground moisture.

Compliance with the NZBC: The following clauses of the NZBC are applicable to Linea Weatherboard cladding and it complies with these requirements as explained below;

Structure - B1: Uniform wind face load tests have been completed at BRANZ and the suitability of Linea Weatherboard and its fixings have been verified to meet wind pressure requirement in various wind zones classified in NZS 3604 and SED wind zone up to wind pressure of 2.5kPa and complies with the requirements of B1.3.1, B1.3.2 and B1.3.4.

Durability - B2: Linea Weatherboard has been tested at a NATA accredited James Hardie laboratory in accordance with AS/NZS 2908.2 and meets the durability performance requirements as per B2.3.1(a) and B2.3.2 of this clause.

Fire Performance - C: Linea Weatherboard has been tested and is classified as non-combustible material and is suitable for use on external walls close to boundaries.

External Moisture - E2: Linea Weatherboard cavity cladding as per its details has been tested for weathertightness as per E2/VM1 (as contained within NZBC Clause E2, Third Edition, Amendment 5).

Hazardous Building Materials - F2: Linea 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: Linea Weatherboard clad walls constructed using bulk insulation meets the construction R-Value requirements as per Table 1 of Clause H1.

Linea Weatherboard has a BRANZ appraisal for direct fixed and cavity construction method. Refer to BRANZ appraisal No. 446 and 447 at www.branz.co.nz

Linea Weatherboard has also been assessed under the product certification scheme by DBH and is covered under CodeMark. Refer to CodeMark certificate; www.dbh.govt.nz

Installation: Linea Weatherboard must be installed in accordance with the current Linea Weatherboard 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: Linea Weatherboard has a product warranty of 25 years when installed and maintained as per the current technical specification.