

Linea™ Weatherboard Product Technical Statement

Product Description: Linea™ Weatherboard is a bevel backed 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 as per specific engineering design (SED) up to a building height of 25m max. and 3.2kPa (ULS) design wind pressures. 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.

Linea™ Weatherboard is also suitable for use in fire rated wall systems.

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 3.2kPa and complies with the requirements of Clause 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 Clause B2.3.1(b).

Fire Performance - C: Linea™ Weatherboard has been tested and is suitable for use where 'non-combustible' cladding materials are required to be used on external walls close to boundaries. It meets the requirements of Clause C3.5 and C3.7.

External Moisture - E2: Linea™ Weatherboard installed as per its details has been tested for weathertightness as per E2/VM2 and meets the requirements of Clause B1.3.1, B1.3.2 and B1.3.4.

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 safe working practice published in its technical specifications.

Energy Efficiency - H1: Linea™ Weatherboard clad walls constructed using bulk insulation meets the construction R-Value requirements as per Clause H1.

Installation: Linea™ Weatherboard must be installed in accordance with the current Linea™ Weatherboard Technical Specification. The specification and details are available online at www.jameshardie.co.nz or Ask James Hardie™ at 0800 808 868 for further information.

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 MBIE and is covered under CodeMark. Refer to CodeMark certificate 30018; www.building.govt.nz

Warranty: Linea™ Weatherboard has a product warranty of 25 years when installed and maintained as per the current technical specification.