

Stria™ Cladding Product Technical Statement

Product Description: Stria™ Cladding is a wide format wall cladding manufactured using James Hardie low density fibre cement formulation.

Scope of Use: Stria™ Cladding is suitable for use as external wall cladding for horizontal/vertical installation 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 is fixed over a timber cavity batten that is nominal 20mm thick.

Stria™ Cladding is suitable for use in fire rated wall systems.

Limitations: Stria™ Cladding must not be direct fixed, used in curved wall applications or used in situations where it stays in contact with ground moisture.

Compliance with the NZBC: The following clauses of the NZBC are applicable to Stria™ Cladding and it complies with these requirements as explained below.

Structure - B1: Uniformly Distributed Load testing has been completed at James Hardie NATA Accredited Laboratory and the suitability of Stria™ Cladding has been verified to meet the wind pressure requirement up to design wind pressure of 3.2kPa (ULS) and complies with the requirements of Clause B1.3.1, B1.3.2 and B1.3.4 of NZBC.

Durability - B2: Stria™ Cladding has been tested at a NATA accredited laboratory in accordance with AS/NZS 2908.2 and meets the durability performance requirements as per Clause B2.3.1(b) of the NZBC.

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

External Moisture - E2: Stria™ Cladding cavity cladding installed as per its details has been tested/assessed for weathertightness and meets the requirements of E2.3.2, E2.3.5, E2.3.6 and E2.3.7 of NZBC.

Hazardous Building Materials - F2: Stria™ Cladding complies with the requirements of F2.3.1 of NZBC and will not present a health hazard when handled as per safe working practice published in its technical specifications.

Energy Efficiency - H1: Stria™ Cladding walls constructed using bulk insulation meets the construction R-Value requirements of Clause H1 of NZBC.

Installation: Stria™ Cladding must be installed in accordance with the current Stria™ Cladding Timber Cavity Batten Technical Specification/Stria™ Cladding Vertical Installation 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.

Stria™ Cladding has a BRANZ appraisal for horizontal and vertical cavity construction method. Refer to BRANZ appraisal No. 1224 and 1225 at www.branz.co.nz

Stria™ Cladding has also been assessed as per the product certification scheme by MBIE and is covered under CodeMark. Refer to CodeMark certificate 30109; www.building.govt.nz

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