

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 2.5kPa (ULS) design wind pressures. It is fixed over a timber cavity batten that is nominal 18mm thick.

Limitations: Stria 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 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 2.5kPa (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 classified as 'non-combustible' material and is suitable for use on external walls close to boundaries.

External Moisture - E2: Stria Cladding cavity cladding as per its details has been tested for weathertightness as per E2/VM1 (as contained within the NZBC Clause E2).

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

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 at James Hardie web site www.jameshardie.co.nz or Ask James Hardie™ at 0800 808 868 for further information.

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