

## Product Technical Statement

**Product Description:** Stria Cladding is a horizontal grooved profile wide format wall cladding manufactured using low density fibre cement formulation.

**Scope of Use:** Stria Cladding 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 up to 2.5kPa (uls) covered by a specific engineering design (SED). It is fixed over a CLD Structural Cavity Batten that is nominal 19mm thick and used for buildings that are exposed to wind pressures up to 2.5kPa (uls).

**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:* Uniform wind face load tests have been completed at James Hardie NATA Accredited Laboratory and the suitability of Stria Cladding and its fixings have been verified to meet wind pressure requirement in various wind zones as per NZS 3604 and SED wind zones 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:* 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 B2.3.1(b) and B2.3.2 of this clause.

*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 NZBC Clause E2, Third Edition, Amendment 5).

*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 Technical Specification. . The specification and details are available at James Hardie web site [www.jameshardie.co.nz](http://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.