

Product Technical Statement

Product Description:

Stria™ Cladding is a wide format wall cladding manufactured using 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 used in following situations

- Direct fixed,
- Used in curved wall applications
- 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 have been completed and the suitability of Stria™ Cladding have 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.

Durability - B2: Stria™ Cladding has been tested at a NATA accredited laboratory in accordance with the AS/NZS 2908.2 and meets the durability performance requirements as per Clause B2.3.1(b) for 15 years and B2.3.2.

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

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

Hazardous Building Materials - F2: Stria™ Cladding complies with the requirements of Clause F2.3.1 of the 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 in external wall application using bulk insulation meets the construction R-Value requirements 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 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.tepae.building.govt.nz

Warranty:

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

Stria™ Cladding is not subject to a warning or ban under section 26 of the Building Act.

Stria™ Cladding is manufactured in Australia.