James Hardie Stria™ Cladding

Product Technical Statement: 102639

miproducts

Large format cladding with a 15mm horizontal groove that has the classic appeal of solid masonry

View miproducts listing

Level of assurance needed to demonstrate NZ Building Code Compliance

HIGH

Supporting documentation should include technical information by manufacturer and either a BRANZ or independent Appraisal or CodeMark

James Hardie confirms that this minimum level of assurance has been met or exceeded by the following:

CodeMark

GM-CM30109- RevA

BRANZ Appraisal

1225, 1224

Stria Cladding meets the E2/VM1 test criteria. Call James Hardie for further information.

Stria Cladding James Hardie

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Technical Statement

Scope of use

Stria™ Cladding can be installed on buildings that fall within the scope limitation of NZS 3604 and E2/AS1 of the New Zealand Building Code (NZBC).

Stria™ Cladding can also be installed on projects, which are subject to specific engineering design (SED) up to a wind pressure of 2.5kPa (ULS).

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.1, B1.3.2
- **Clause B2 Durability:** Performance B2.3.1(b), B2.3.2(a)
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.6, C3.7(a)
- **Clause E2 External moisture:** Performance E2.3.2, E2.3.3, E2.3.4, E2.3.5, E2.3.6
- **Clause F2 Hazardous building materials:** Performance F2.3.1
- **Clause H1 Energy efficiency :** Performance H1.3.1

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

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,

Energy Efficiency - H1: Stria Cladding walls constructed using bulk insulation meets the construction R-Value requirements as per Table 1 of Clause H1.

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

CodeMark

GM-CM30109- RevA

BRANZ Appraisal

1225, 1224

Stria Cladding meets the E2/VM1 test criteria. Call James Hardie for further information.

Stria Cladding James Hardie

Company Contact Details

JamesHardie

Company:	James Hardie
Physical Address:	1 O'Rorke Road Penrose AUCKLAND
Postal Address:	PO Box 12070 Penrose AUCKLAND
Fax:	64 09 5254810
Email:	info@jameshardie.co.nz
Website:	www.jameshardie.co.nz

James Hardie Stria™ Cladding

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Product Criteria

Design requirements

Stria™ Cladding can be installed to timber cavity battens or CLD™ Structural Cavity Battens. Vertical joint formed with Hardie™ 14mm vertical joint flashing mould or Hardie™ 14mm Trimline joint as per relative technical specification.

Installation requirements

Refer to Stria™ Cladding Technical Specification. Stria™ Cladding must be painted within 90 days of installation.

Maintenance requirements

As a guide, it is recommended that the basic normal maintenance tasks shall include, but not be limited to:

- Washing down exterior surfaces every 6-12 months*
- Re-coating exterior protective finishes**
- The cladding surface, sealants and flashings etc. must be inspected at least once a year
- Cleaning out gutters, downpipes and overflow pipes as required.
- Pruning back vegetation which is close to or touching the building as well as ensuring the New Zealand Building Code ground clearance requirements are maintained especially where gardens are concerned.
- The clearance between the bottom edge of Stria Cladding and the finished/unfinished ground must always be maintained.

*Do not use a water blaster to wash down the cladding.

* In extreme coastal conditions or sea spray zones, wash every 3-4 months.

** Refer to your paint manufacturer for washing down and recoating requirements related to paint performance.

Warrantees

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

Company Product Information

Environmental

We aim to conduct business in an environmentally sound and sustainable manner and to use management systems and operating procedures to identify, monitor, control and reduce the impact of our operations and our products on the environment. We strive to continually improve our manufacturing processes and product formulations to minimise our carbon footprint. As such, we are committed to ecologically sustainable development (ESD) principles.

Quality Assurance

ISO 9001 (Quality Management)

Date last validated: **14 November 2022**

Date last updated: **14 November 2022**