James Hardie Stria Cladding - with Timber Cavity Batten

TABLE OF CONTENTS

Specification Details 2
Clauses 2
- Scope 2
- Co-operation 3
- Preparation 3
- Timber Cavity Battens 4
- Flexible Sealant 5
- Workmanship 5
- Delivery & Handling 5
- Installation 6
- Horizontal Joints & Drainage Joints 7
- Batten Fixings 8
- Panel Fixings 8
- Completion 12

Compliances 12

SMARTSPEC

1 Specification Details

Trade Sections: Carpentry
Description:
Keywords: Carpentry, James Hardie, Hardies, Stria Cladding with Timber Cavity Battens, fibre-cement, fibre-cement sheet, fibre-cement sheets, fibre-cement sheeting, fibre cement, fibre cement sheet, fibre cement sheets, fibre cement sheeting, fibre-cement panel, fibre-cement panels, fibre-cement panelling, fibre cement panel, fibre cement panels, fibre cement panelling, cladding, wall cladding, vertical cladding, cladding system, cladding systems, facade cladding, facade panels, wall cladding, wall panel, wall panels, Stria Cladding,

2 Clauses

2.1 Scope

Help Note:
Stria Cladding is a horizontal grooved profile wide-format wall cladding, pre-primed, and manufactured at either;

14mm thick x 325mm wide x 4200mm long, and 14mm thick x 405mm wide x 4200mm long panels;

or 14mm thick x 325mm wide x 3000mm long, and 14mm thick x 405mm wide x 3000mm long panels.

Stria Cladding (Timber Batten) is installed horizontally or vertically over 20mm timber cavity battens with either a flexible underlay or a rigid air barrier to the building framing. The panels are suitable for timber-framed buildings that fall within the scope limitation of NZS 3604 and NZBC E2/AS1, in wind zones up to and including EH as per NZS 3604. For higher wind zones and pressures up to 3.2kPa, specific design is required.

For product information or technical advice, call James Hardie on 0800 808 868.

For technical information on products to attach to this project, please visit productspec.co.nz/en/supplier/james%20hardie.

2.1.1 Scope

Supply and install Stria Cladding with Timber Cavity Battens as a fibre-cement panel cladding material to the walls identified on the drawings, complete with all accessories, ready for paint finishing. All aspects of this work shall be in complete accordance with the James Hardie Stria Cladding Timber Cavity Batten Technical Specification and/or Stria Cladding Vertical Installation Technical Specification (check www.jameshardie.co.nz, or call 0800 808 868 for the latest editions) and other relevant product manufacturers' recommendations.

SMARTSPEC

2.1.2 Stria Cladding for Fire-Rated Elements

To the areas noted as 'Fire-rated' on the drawings, additionally comply with all relevant aspects of the Fire and Acoustic Design Manual by James Hardie (check www.jameshardie.co.nz, or call 0800 808 868 for the latest edition) and other relevant product manufacturers' recommendations.

2.2 Co-operation

2.2.1 Co-operation

Co-ordinate with other trades to ensure that appropriate clearances are allowed from roofing products and associated flashings etc., that the framing and slab edges are true, that the panels correctly allow for door and window installation, and that services penetrations are correctly handled to maintain full weathertightness and panel integrity.

Ensure that other trades are aware of the James Hardie Safe Working Practices.

2.3 Preparation

Help Note:
Select the appropriate installed cladding orientation.

For product information or technical advice, call James Hardie on 0800 808 868.

2.3.1 Horizontal Cladding

Check that the timber framing elements are in accordance with NZS 3604, or in accordance with NZS 3603 and AS/NZS 1170 for specific design, and in accordance with James Hardie requirements. Framing shall be plumb and in true alignment, complete and suitable for the panels, and maximum moisture content as per NZS 3602. Ensure that the framing is true in line with no projections due to structural and bracing bracketry, etc. Ensure that the bottom plate hold-downs are correctly installed.

The following framing is required:
- Studs must be provided at 600mm centres maximum.
- Nogs/dwangs must be provided at 800mm centres maximum.
- When studs are spaced at 400mm centres then the nogs/dwangs may be provided at 1200mm centres
- An extra stud is required in internal corners
- For specific design projects exposed to wind speeds higher than 50m/sec, the stud spacing must be closed to 400mm c/c.

Check that the flexible underlay or rigid air barrier has been installed in full accordance with the manufacturer's requirements and the drawings, and completely finished to all penetrations including doors, windows, services, etc.

Check junctions to all other building elements and ensure that all necessary works have been completed, e.g. flashings, etc., that will enable the panels and all accessories to be installed.