James Hardie Monolithic

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1 Specification Details

Trade Sections: Carpentry
Description:
Keywords: Carpentry, James Hardie, Hardies, fibre cement, fibre-cement, cladding, claddings, wall cladding, wall claddings, external wall cladding, fibre cement sheet cladding, fibre-cement sheet cladding, fibre cement sheets, fibre-cement sheets, cladding panels, cladding sheets, monolithic cladding, fibre-cement panel, fibre-cement panels, fibre-cement panelling, fibre cement panel, fibre cement panels, fibre cement panelling, cellulose cement sheet, lightweight cladding, vertical cladding, cladding system, cladding systems, vertical surface, vertical surfaces, facade, facade cladding, facade panels, wall panel, wall panels, plaster substrate, plasterwork substrate, plastering substrate, plaster backing, plasterwork backing, solid backing, plaster solid backing, plasterwork solid backing, fibre cement backing fibre-cement backing, stucco plaster, stucco plaster substrate, stucco plaster backing, stucco substrate, stucco, backing, rigid backing stucco rigid backing, plaster rigid backing, plasterwork rigid backing, solid substrate, fibre cement substrate, fibre-cement substrate, plaster surface, plastered surface, plastering surface, solid plaster backing, solid plaster substrate, solid plaster rigid backing, plaster cladding systems, plaster cladding, plastered cladding systems, plastered cladding, plaster walls, plastered walls, plaster finish, textured plaster, plaster systems, plastering systems, Hardiebacker Substrate, Monotek Sheet,

2 Clauses

2.1 Scope

Help Note:
Axon Panel Smooth panels must be installed on a cavity, with either a flexible underlay or a rigid air barrier to the building framing.

Axon Panel Smooth panels are suitable for timber-framed buildings that fall within the scope of NZBC E2/AS1, in wind zones up to and including EH as per NZS 3604. 9mm Axon Panel Smooth is more suitable for high impact areas, and for wind pressures up to 2.5kPa. Specific design is required for using Axon Panel Smooth panels for higher wind pressures.

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

Axon™ Panel Smooth formerly known as EasyLap™ Panel

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2.1.1 Axon™ Panel Smooth 9mm

Supply and install Axon™ Panel Smooth 9mm as a full mesh jointing and texture coated system fibre cement cladding material to the walls identified on the drawings, complete with all accessories. The sheets are to be finished with a proprietary EM4 compliant texture coating. All aspects of this work shall be in complete accordance with the Axon™ Panel Smooth Texture Coating Technical Specification by James Hardie (check www.jameshardie.co.nz, or call 0800 808 868 for the latest edition), BRANZ Appraisal No.466, and other relevant product manufacturers' recommendations. Use the James Hardie Axon™ Panel Smooth Installation Checklist at all relevant stages of the work.

2.2 Elements

2.2.1 Axon™ Panel Smooth as a Component of a Fire-Rated Element

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 on 0800 808 868 for the latest edition) and other relevant product manufacturers' recommendations.

2.3 Co-operation

2.3.1 Axon™ Panel Smooth

Prior to the installation, discuss the proposed sheet installation generally with the textured coating contractor, with special regard to the full mesh plaster system, sealants, and joints. Confirm the location of all joints, and agree that they will perform correctly and that they are in accordance with the drawings and the Technical Specification. Bring to the attention of the designer any joints that are not in accordance, or joints that may be compromised by other building elements, and take instruction accordingly.

Co-ordinate with other trades to ensure that appropriate clearances are allowed from roofing products and associated flashings etc, 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.

2.4 Preparation

2.4.1 Preparation

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.

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

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