James Hardie Hardie™ Flex Sheet

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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, monolithic sheet, monolithic panel, fibre-cement panel, fibre-cement panels, fibre-cement panelling, fibre cement panel, fibre cement panels, fibre cement panelling, cellulose cement sheet, lightweight cladding, cladding system, cladding systems, facade cladding, facade panels, external wall panels, soffit panels, soffit lining, eave lining, eaves lining, fibre cement eaves lining, fibre-cement eaves lining, fibre cement soffit lining, fibre-cement soffit lining, HardieFlex Sheet,

2 Clauses

2.1 Scope

Help Note:
James Hardie HardieFlex Sheets can be direct-fixed or installed on a cavity, with either a flexible underlay or a rigid air barrier to the building framing. The sheets 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. For higher wind zones and pressures, specific design is required.

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

2.1.1 6mm Hardie™ Flex Sheet

Supply and install James Hardie 6mm thick Hardie™ Flex Sheets as a fibre-cement sheet cladding material to the walls identified on the drawings, complete with all accessories. The sheets are to be finished with a paint system.

All aspects of this work shall be in complete accordance with the Hardie™ Flex Sheet Technical Specification 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 Elements

Help Note:
Select one or more clauses only if required.

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2.2.1 Hardie™ Flex Sheet as a Component of a Bracing Element

To the areas noted as 'Bracing' on the drawings, additionally comply with all relevant aspects of the JBracing Design Manual by James Hardie (check on 0800 808 868 for the latest edition) and other relevant product manufacturers' recommendations.

2.2.2 Hardie™ Flex Sheet 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 Co-ordination

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 building 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 eg. flashings etc that will enable the panels and all accessories to be installed.

Check that the ground levels are sloping away from the building so that there will be no ponding water against the building, and that the ground will be remain clear of the panels by at least 100mm at all times in accordance with E2/AS1.

2.5 Sealant

Help Note:

Specify the flexible silicone sealant to be used to seal the sheets and accessories:

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