James Hardie ExoTec Facade Panel

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1 Specification Details

Trade Sections: Carpentry
Description:
Keywords: Carpentry, James Hardie, Hardies, fibre cement, fibre-cement, cladding, claddings, cladding system, cladding systems, external cladding, external claddings, external wall cladding systems, wall cladding, wall claddings, wall cladding systems, rainscreen, rain-screen, rainscreens, rain-screens, rainscreen cladding, rain-screen cladding, rainscreen panels, rain-screen panels, expressed cladding panels, expressed panels, panelised cladding, panelised wall cladding, panelised cladding system, high density fibre cement, high-density fibre cement, high-density fibre-cement, facade, facade panel, facade panels, facade rainscreen, facade rain-screen, rainscreen facade, rain-screen facade, rainscreen systems, rain-screen systems, top hat, top-hat, tophat, top hat rain screen, top-hat rain-screen, tophat rainscreen, top hat rainscreen, top-hat rainscreen, top hat rain-screen, top hat cladding systems, top-hat cladding systems, ExoTec Façade Panel Rainscreen System, ExoTec facade Panel Top Hat Rainscreen System,

2 Clauses

2.1 Scope

Help Note:
Commercial façade Installation: install on a cavity using ExoTec Top Hat metal battens, with either a flexible underlay or a rigid air barrier to the building framing. The panels are suitable for timber or steel-framed buildings, or over concrete and masonry walls, that fall within the scope of AS/NZS 1170.

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

2.1.1 ExoTec Façade Panel Top Hat Rainscreen System

Supply and install James Hardie Exotec Façade Panels as a fibre-cement panel rainscreen cladding material to the walls identified on the drawings, complete with all accessories. The panels are to be finished with a paint system. All aspects of this work shall be in complete accordance with the James Hardie Exotec Façade Panel Top Hat Rainscreen Technical Specification (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 panels correctly allow for door and window

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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

2.3.1 Preparation

Check that the timber framing elements are 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.

2.4 Sealants

Help Note:
Specify the flexible silicone sealant to be used to seal the panels and accessories. SIKA Silaflex MS is a standard product. SIKA AT Façade is low VOC and is a premium product.

Also specify the adhesive sealant to be used to adhere the aluminium "T"-socket to the panels.

2.4.1 Flexible Sealant - Option 1 - SIKA Silaflex MS

Flexible silicone sealant to be SIKA Silaflex MS. Use to seal the panels and accessories in accordance with the sealant manufacturer's recommendations and to James Hardie requirements. Ensure sealant compatibility with selected finish.

2.4.2 Flexible Sealant - Option 2 - SIKA AT Facade

Flexible silicone sealant to be SIKA AT Facade. Use to seal the panels and accessories in accordance with the sealant manufacturer's recommendations and to James Hardie requirements. Ensure sealant compatibility with selected finish.