James Hardie Flooring

TABLE OF CONTENTS

Specification Details....2
Clauses....2
- Scope....2
- Co-operation....3
- Preparation....3
- Flexible Sealant....3
- Solvent Adhesive....4
- Workmanship....4
- Delivery & Handling....4
- Installation....5
- Fixings....5
- Completion....5

Compliances....6

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1 Specification Details

Trade Sections: Carpentry

Description:

Keywords: Carpentry, James Hardie, Hardies, floors, flooring, flooring sheet, floor sheets, sheet flooring, sheet floors, fibre cement sheets, fibre cement panels, fibre-cement, compressed fibre cement sheet, compressed fibre-cement sheet, fibre cement floors, fibre-cement floors, fibre cement flooring, fibre-cement flooring, flooring substrate, floor substrate, structural flooring, under tile flooring, under-tile flooring, tiled floors, wet area floors, wet-area floors, deck, decks, decking, deck floor, closed deck, closed decks, closed deck flooring, closed deck substrate, external decking, balcony, balconies, verandah, verandahs, bathroom floors, kitchen floors, laundry floors, interior floors, internal floors, exterior floors, external floors, underlay, sheet underlay, fibre cement underlay, fibre-cement underlay, tile underlay, floor tile underlay, wall tile underlay, flooring underlay, wet-area underlay, wet area underlay, HardiePanel Compressed Sheet, Tile & Slate Underlay, Tile and Slate Underlay,

2 Clauses

2.1 Scope

Help Note:
James Hardie Tile and Slate Underlay sheets are 6mm thick and are manufactured in different widths. The sheets are suitable for overlaying of timber-product internal floors that fall within the scope of NZBC E3/AS1.

James Hardie HardiePanel Compressed Sheet sheets are 18mm thick. The sheets are suitable for exterior or interior use as flooring in timber-framed buildings that fall within the scope of NZBC E3/AS1.

2.1.1 6mm Ceramic Tile Underlay

Supply and install James Hardie 6mm Ceramic Tile Underlay as a fibre-cement sheet substrate material to the floors identified on the drawings, complete with all accessories, ready to be overlaid with a trafficable flooring product. All aspects of this work shall be in complete accordance with James Hardie Flooring Installation Manual (check www.jameshardie.co.nz, or call 0800 808 868 for the latest edition) and other relevant product manufacturers' recommendations.

2.1.2 18mm Hardie™ Panel Compressed Sheet (Interior)

Supply and install James Hardie 18mm thick Hardie™ Panel Compressed Sheet as a fibre-cement sheet flooring material to the floors identified on the drawings, complete with all accessories, ready to be overlaid with a trafficable flooring product. All aspects of this work shall be in complete accordance with Flooring Installation Manual by James Hardie (check www.jameshardie.co.nz, or call 0800 808 868 for the latest edition) and other relevant product manufacturers' recommendations.

2.1.3 18mm Hardie™ Panel Compressed Sheet (Exterior)

Supply and install James Hardie 18mm thick Hardie™ Panel Compressed Sheet as a fibre-cement sheet decking material to the decking identified on the drawings, complete with all accessories, ready to be overlaid with a trafficable flooring product. All aspects of this work shall be in complete accordance with Flooring Installation 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 adjacent linings, framing, and associated elements, that the sheets correctly allow for the trafficable flooring product installation, and that services penetrations are correctly handled to maintain full watertightness and sheet integrity. Confirm with the trafficable flooring applicator that the specified flexible sealant is fully compatible with the trafficable flooring products.

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

2.3 Preparation

2.3.1 Ceramic Tile Underlay

Check that the flooring and 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. Flooring shall be fixed in full accordance with the manufacturer's requirements, in true alignment, complete and suitable for the sheets in accordance with James Hardie requirements. Check junctions to all other building elements and ensure that all necessary works have been completed that will enable the sheets and all accessories to be installed.

2.3.2 Hardie™ Panel Compressed Sheet

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 in true alignment, complete and suitable for the sheets, and maximum moisture content as per NZS 3602. Check junctions to all other building elements and ensure that all necessary works have been completed that will enable the sheets and all accessories to be installed.

2.4 Flexible Sealant

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

SIKA Silaflex MS is a standard product.
SIKA AT Façade is low VOC and is a premium product.

2.4.1 SIKA Silaflex MS

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

2.4.2 SIKA AT Facade

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

2.5 Solvent Adhesive

Help Note:
Specify the adhesive to be used to adhere the sheets to the flooring.

2.5.1 Adhesive for Ceramic Tile Underlay

Polyurethane adhesive sealant to be FULLERS Max Bond or SELLEY'S Liquid Nails or SIKA Nailbond Fast or SIKA Nailbond PB or SIKA Sikaflex 11FC or BOSTIK Seal N Flex-1 or BOSTIK Tuf As Nails. Use to

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