

Novapanel® Combined Fixed Façade

Novaflon 700® (Fluoropolymer Coating)

SPECIFICATION TEMPLATE

1. Cladding

- Proprietary item: NOVAPANEL® compressed fibre cement sheet as manufactured by Novaproducts Global
- Sheet thickness 9mm Otherwise nominated.

2. Cladding Types

2.1 Compressed Fibre Cement

Cladding Flat Panels

- *Generally:* Panels to have smooth even edges free of imperfections such as chips, cut to suite the layout, allowing for a joint gap of 10mm width between panels.
- *Preparation:* Panels to be machine sanded free of scale and slurry. Back seal panels with VC-9 or approved high build UV cured undercoat applied to a dry film thickness of 15-25 um, for warranty purposes.
- *First coat:* Undercoat face of panels with VC -10 or approved high built UV cured undercoat applied to a DFT of 30-50 um.
- *Top coat:* Machine sand face and edges of panels. Automatic machine apply NOVAFLON 700® (100% Lumiflon based Fluoropolymer System) topcoat in the selected colour.

3. Installation

- Framing shall be an approved installation system. James Hardie ExoTec® Façade Panel Fixing System. Incorporating ExoTec top hat, Intermediate JH top hat, ExoTec Gasket snap strip, ExoTec backing strip's and ExoTec façade washer. Install framing in strict accordance with the manufactures instructions.
- **Adhesive components:**
 - 3M VHB tape (or equivalent)
 - Bostick Fast Cure External Polyurethane Adhesive, or
 - Dow Corning External Structural Adhesive, or
 - Sikaflex External Structural Adhesive, or
 - Equivalent

- **Surface Preparation and application**
 - Ensure panels are dry and free from dust and dirt, wipe contact surface with 3M Hipa Clean 300 or equivalent solvent with clean cloth
 - Lightly abrade galvanised tophat surfaces with 3M Scotchbrite handpad or equivalent
 - Wipe surfaces with 3M Hipa Clean 300 or equivalent. If top hats are zinc alum or similar material apply appropriate primer and test adhesion.
 - Apply 3M VHB tape to centre tophat as per manufacturers instruction
 - Apply a continuous bead of adhesive along the vertical joints of panel and onto the centre top hat
 - Pre drill holes for screws minimum one screw per corner of panels install other components as per James Hardie ExoTec Installation Manual

4. **Flashing/Cappings/Corner angles**

- Standard: To AS/NZS 2904
- Material: Zinc Coated Steel/Aluminium/Colourbond – Colour matched to cladding or standard black.

5. **Completion**

Warranties

General: Name the Principal as warrantee. Register with the manufacturers as necessary. Retain copies delivered with components and equipment.

Commencement: Commence warranty periods at practical completion or at acceptance of installation, if acceptance is not concurrent with practical completion.

Installer: Novagroup does not warrant or accept responsibility for the contractor's performance. The contractor must provide a separate installation warranty.

Warranty term: 15 years

Maintenance manual

Contents: Submit a maintenance manual containing technical specification of the cladding system, setting out the manufacture's recommendations on maintenance, to the Principal at Practical Completion.

Cleaning

Final Cleaning: When installation is complete, remove extraneous matter and marks.

Protection: Protect as necessary and leave the finished work undamaged on completion.