

# Novapanel® Adhesive Fixed Façade

Novaflon 700® (Fluoropolymer Coating) revised

**This method is to be used in consultation with Novagroup and used in areas under 3 metres high**

## **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-10 or equal and approved high build UV cured undercoat applied to a film of 15-25 um, for warranty purposes.
- *First coat:* Undercoat face of panels with VC-10 or equal and approved high UV cured undercoat applied to a thickness of 80-100 um.
- *Top coat:* Machine sand face and edges of panels. Automatic machine apply NOVAFLON 700® 100 % (Lumiflon based Fluoropolymer coating) 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
  - Dow Corning External Structural Adhesive
  - 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 in one direction
- Lightly abrade tophat surfaces with 3M Scotchbrite handpad or equivalent
- Wipe surfaces with 3M Hipa Clean 300 or equivalent in one direction with clean cloth
- Apply 3M VHB tape to tophat as per manufacturers instruction
- Apply a continuous bead of adhesive along the vertical joints of panel and onto the centre top hat
- Install other components as per James Hardie Exotec Installation manual, replacing screws with the above adhesives

#### **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. Include the names and addresses of the suppliers, manufacturers and installers of each component.

##### **Cleaning**

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

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