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## Installation Guide

# Cladding Boards



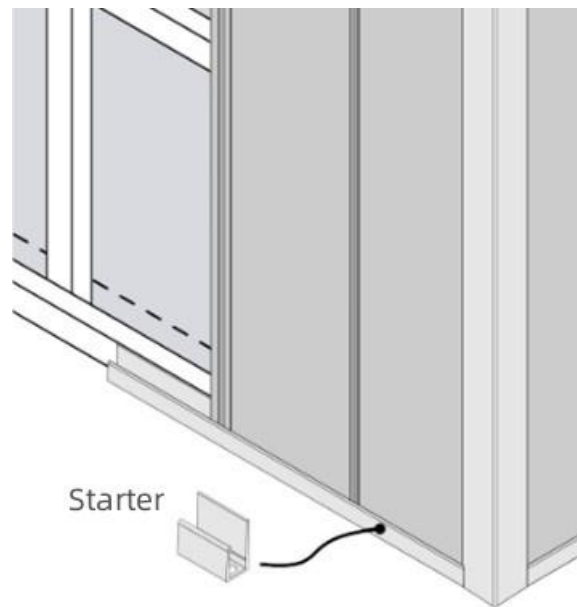
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## Storage

Prior to installation cladding should be stored out of direct sunlight.  
Check the cladding surface for damage prior to installation.  
Complaints of surface defects will not be accepted after installation is complete.

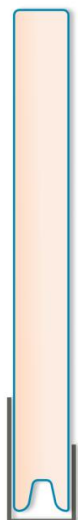
## Installation Instructions

1. Install aluminum starter or aluminum invisible starter into the structure.



2. Slot the row of cladding planks into the Aluminum start.

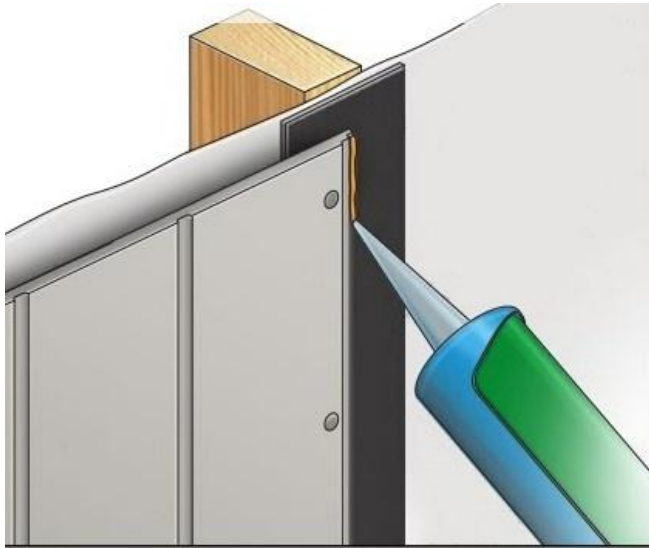
Aluminum Start



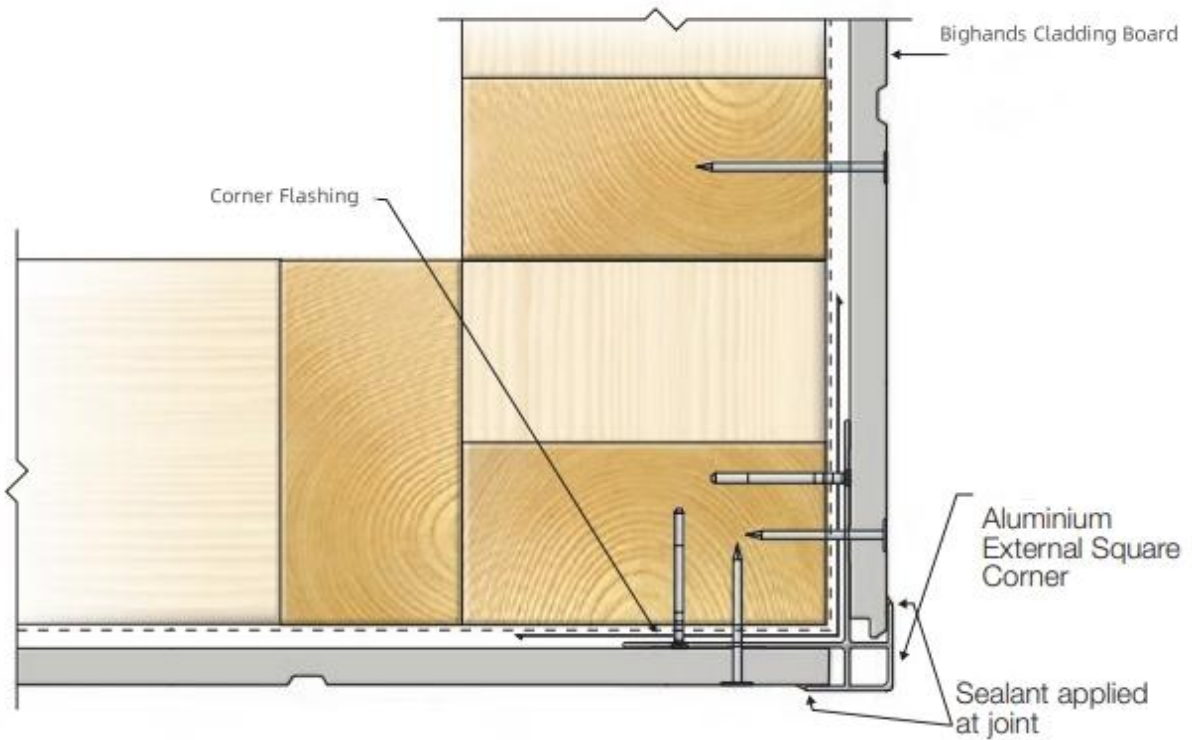
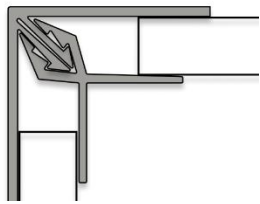
Aluminum Invisible Start



3. To join two panels together, apply silicon to the edge of the cladding board.



4. Install Aluminum corner accessories as required.

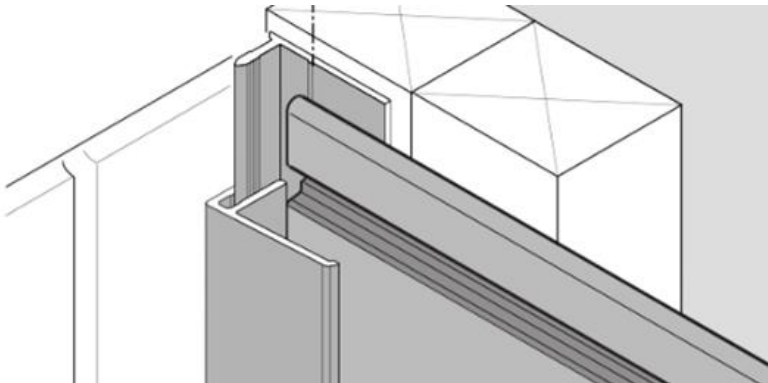


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5. Securely join the two cladding panels together, and fasten the bottom panel to the structure using appropriate fasteners.



6. Install Aluminum Top and Finish Pair to finish the cladding installation.



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# Big Hands Maintenance & Care System

## *For Metal Cladding & Roofing Systems*

### 1. Daily Care

#### 1.1 Cleaning Method

To maintain the appearance and long-term performance of cladding and roofing systems, cleaning should be carried out as follows:

Routine cleaning should primarily use clean water to remove dust, salt deposits, and surface contaminants.

For more stubborn dirt, a 1%–2% solution of neutral detergent may be used.

Use a soft cloth or sponge to gently wipe the surface, avoiding excessive force on localized areas.

After cleaning, rinse thoroughly with clean water to remove any residue.

Allow the surface to air dry naturally. Avoid using high heat or forced drying methods.

#### Do Not Use

To prevent irreversible damage to the coating, the following must not be used:

- Strong acidic or alkaline cleaning agents
- Organic solvents (such as alcohol, thinners, etc.)
- Steel brushes, wire brushes, or abrasive tools
- High-pressure water jets directed at close range

#### 1.2 Cleaning Frequency (Based on Environment)

Cleaning frequency should be adjusted depending on environmental conditions:

Coastal areas (high salt exposure): 3–4 times per year

Industrial areas (high pollution): 2–3 times per year

Urban areas: 1–2 times per year

General residential areas: Once per year

In harsher environments, more frequent cleaning is required to prevent long-term accumulation of contaminants and potential corrosion.

#### 1.3 General Usage Precautions

To avoid abnormal damage, the following precautions should be observed:

- Avoid contact with sharp or hard objects that may scratch the surface
- Avoid strong impacts that may cause dents or deformation
- Prevent accumulation of leaves, dirt, or debris that may trap moisture
- Do not allow prolonged water ponding on surfaces
- Do not drill, cut, or modify panels without proper design consideration
- Do not use the product outside its intended application or design limits



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## 2. Inspection & Maintenance

### 2.1 Annual Inspection (Recommended at Least Once per Year)

To ensure long-term system performance, periodic inspections by qualified personnel are recommended.

Panel Condition

Visually inspect for:

- Cracks, fractures, or physical damage
- Warping, distortion, or surface deformation
- Signs of corrosion, rust, or abnormal surface changes

Sealing System Inspect sealants and joints for:

- Ageing or hardening
- Cracking or separation
- Loss of sealing performance

Fixings and Accessories Check for:

- Loose or missing fasteners
- Damaged components
- Stability of connections

If any issues are identified, repairs or replacements should be carried out promptly. Professional inspection and servicing is recommended. Early intervention helps prevent further damage.

### 2.2 Lifecycle Maintenance (Recommended Guide)

As the system ages, periodic maintenance becomes necessary:

10–15 years: Local inspection and minor maintenance

15–20 years: Surface recoating / refurbishment

20–30 years: Sealant replacement and major system maintenance

Actual maintenance intervals may vary depending on environmental exposure, climate conditions, and maintenance history.

## 3. System Performance Notes

Cladding and roofing systems are continuously exposed to environmental conditions such as ultraviolet radiation, rain, wind, airborne pollutants, and temperature fluctuations.

Expected Natural Changes Over Time

- Gradual loss of surface gloss
- Minor colour variation
- Surface chalking



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- Increased dirt retention
  - Localised signs of corrosion

### **Important Notes**

These changes are considered normal weathering and do not indicate product defects. Proper maintenance and inspection can significantly slow down these processes and extend service life.

## **4. Safety & Responsibility**

### **4.1 Safety Requirements**

Do not attempt roof or high-level work without proper training and safety measures. Do not carry out repairs or replacements without professional assessment. All maintenance work should be undertaken by qualified personnel. Improper handling may result in safety hazards and damage to the system.

### **4.2 Maintenance Responsibility**

The following are generally not covered under product warranty:

- Routine cleaning costs
- Inspection and maintenance costs
- Sealant replacement
- Labour and access costs

## **5. Warranty Relationship**

### **5.1 Warranty Conditions**

Product warranty is valid only under the following conditions:

- Installation has been carried out correctly in accordance with guidelines
- The product is used within its intended application
- Regular cleaning, inspection, and maintenance are performed

### **5.2 Situations That May Affect Warranty**

Warranty may be void or limited in the following cases:

- Failure to follow recommended cleaning and maintenance procedures
- Lack of periodic inspection
- Unauthorised modification or improper repairs
- Long-term contamination or environmental damage not addressed
- Use outside of intended environmental or design conditions

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# Warranty Terms & Conditions

## 1. Warranty Period

- The warranty period is 10 years from the date of construction completion.
- If a defect occurs, the warranty will expire 6 months after repair instructions are issued.
- Claims made after this 6-month period may not be accepted, even if within the original 10-year term.

## 2. Coverage Area

- This warranty applies within Australia only.

## 3. Warranty Conditions

To qualify for warranty coverage, all of the following conditions must be met:

- The building must be used under normal residential conditions.
- Regular inspection and maintenance must be carried out.
- The defect must be clearly identified as being caused by covered product or system-related issues.
- Warranty certificate and supporting documentation must be properly retained.
- No unauthorized modification or alteration affecting product performance after completion.

## 4. Transfer of Warranty

- The warranty applies to the original building owner.
- It may be transferred to a new owner upon sale of the building, provided all required documents are handed over.

## 5. Responsibility Allocation

Responsibility for defects is defined as follows:

- Product-related defects → Handled and repaired by Bighands Building
- Installation-related defects → Handled and repaired by the contractor



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## 6. Warranty Coverage (Remedies)

If rainwater penetration occurs and is confirmed under warranty, the following remedies may be provided:

- Repair of defective sections
- Replacement of defective materials
- Labor required for repair
- Partial removal and reinstallation where necessary

Compensation is limited to direct repair costs only

## 7. Exclusions (Not Covered)

### 7.1 Natural Conditions

- Earthquakes, floods, lightning, snow damage
- Fire, explosion, or external accidents
- Environmental pollution, salt corrosion, acid rain, industrial contamination
- Extreme weather beyond design assumptions

### 7.2 Structural Movement

- Settlement, vibration, or structural movement
- Design or structural defects of the building
- Movement of substrate or framing

### 7.3 Improper Use

- Damage caused by misuse, impact, or negligence
- Damage caused by third-party works after completion
- Unauthorized modifications

### 7.4 Installation-Related Issues

- Installation not following recommended guidelines
- Use of non-approved accessories
- Improper flashing or sealing
- Inadequate waterproofing at joints or penetrations

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## 7.5 Aging & Wear

- Natural fading or discoloration
- Minor scratches or surface changes
- Sealant deterioration
- Normal material aging

## 7.6 Maintenance Failure

- Lack of regular maintenance
- Failure to repair previously identified issues
- Delayed reporting of defects