

INNOVA
by etex

October 2025

Effects[®] trims

Features

Design and installation guide

New Zealand

Effects[®] trims



Backed by Etex, the global leader in fibre cement, Innova is bringing the change the industry needs. So now architects, builders, and homeowners can make the changes they want.

We'll never stop innovating our stylish fibre cement range. We'll never stop finding efficiencies and passing on the savings.

Change is what defines us and propels us forward. Change is the foundation we're built on.

Innova. Built on change.

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Disclaimer

Innova products and systems designed by Etex Australia Pty Ltd are produced in accordance with both the New Zealand Building Code and the Building Code of Australia and relevant Australian and New Zealand Standards at the time of publication. Information in this document is to be used as a guide and is subject to project approval as many aspects of construction are not comprehensively covered. It is the responsibility of the designer to confirm Innova products and systems are suitable and meet the requirements for the intended application. Etex Australia Pty Ltd will not be held responsible for any claims resulting from installation not in accordance with the manufacturer's technical literature or relevant Standards.

Innova regularly updates technical literature; to ensure this document is current with the latest information, visit innovafibreceement.co.nz.

Warranty

Effects® trims is warranted for a period of 25 years.

Visit innovafibreceement.co.nz for the latest warranty information.

About Innova

Innova is a commercial brand of Etex, a global building material manufacturer and pioneer in lightweight construction. Etex wants to inspire people around the world to build living spaces that are ever more safe, sustainable, smart, and beautiful. Founded in 1905 in Belgium, Etex are a family-owned company with more than 13,500 employees across 160 sites and 45 countries.

Innova are the fibre cement specialists, and distribute external cladding systems, interior lining and flooring substrate products specifically designed for the residential and commercial markets in Australia and New Zealand

With a deep understanding of the local market needs, the Innova range of fibre cement products provide architects, designers, builders and homeowners with a range of traditional and contemporary solutions to create spaces that work for their project.

Innova are constantly looking for ways to evolve and innovate their product offering, adapting to changes in the market.

Innova - built on change, backed by Etex.

1. Working Safely

1.1 Working Safely with Innova Fibre Cement

WARNING: P2 OR HIGHER-GRADE RESPIRATOR MUST BE WORN AND PRODUCT CUT OUTDOORS.

Innova fibre cement is manufactured from finely ground sand (silica), cellulose fibres, portland cement and additives. In the product's manufactured state, it does not release airborne dust. Inhalation of Respirable Crystalline Silica (RCS) is hazardous and can cause damage to lungs, respiratory system, and cancer when users are exposed to dust over prolonged periods without adequate controls in place.

The risks associated with RCS inhalation arise during installation activities where mechanical methods are used for cutting, rebating, drilling, routing, crushing, sanding and cleaning up, disposing of, or relocating dust.

Before, during and after installation, it is important to be aware of activities that generate and lead to dust becoming airborne. Innova recommends following the Innova Working Safely Guidelines listed below in addition to site-specific safety procedures, WorkSafe New Zealand guidelines.



USERS ARE RESPONSIBLE FOR ADHERING TO GUIDELINES, RECOMMENDATIONS, SAFETY DATA SHEETS, INSTALLATION GUIDES AND LOCAL REGULATIONS TO AVOID SERIOUS HEALTH IMPACTS.

Control the risks by utilising engineering controls (i.e. tools/equipment), administrative controls (i.e. workspace/safe work method statement) and correct PPE (i.e. respirator/eye wear).

1.2 Innova Working Safely Guidelines

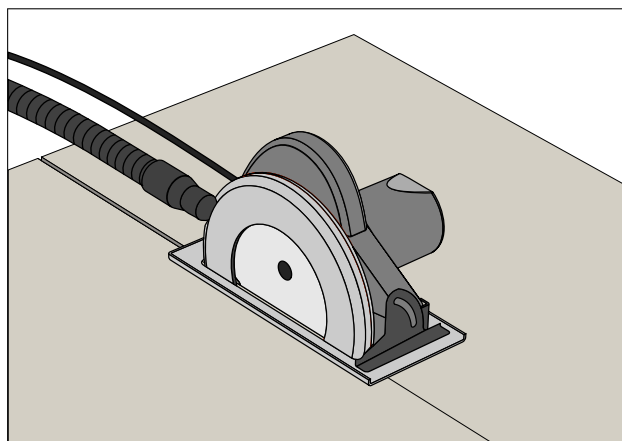
Documentation

Read the current Safety Data Sheet and Working Safely documents available at innovafibreceement.co.nz.

	ALWAYS wear a properly fitted P2 or higher-grade respirator when cutting, drilling, rebating, sanding.		ALWAYS use on-tool dust extraction when using power tools; M or H-Class vacuum fitted with a HEPA filter.
	ALWAYS alternate cutting activities with others to reduce exposure time.		ALWAYS follow the tool manufacturer's guidelines for correct and safe operation.
	AVOID using power tools to cut or shape fibre cement products indoors.		DO NOT dry sweep. Use wet suppression then sweep or H or M-Class vacuum.
	NEVER use a saw blade that is not designed to cut fibre cement.		DO NOT continue activities if you are concerned about exposure levels or cannot comply with the above guidelines.

Power Saw

Circular, compound mitre and track saws with dust extraction provide accurate and clean cuts. Ensure saw is fitted with a PCD 4 or 6 tooth fibre cement blade. Always follow the manufacturers guidelines for safe operation.



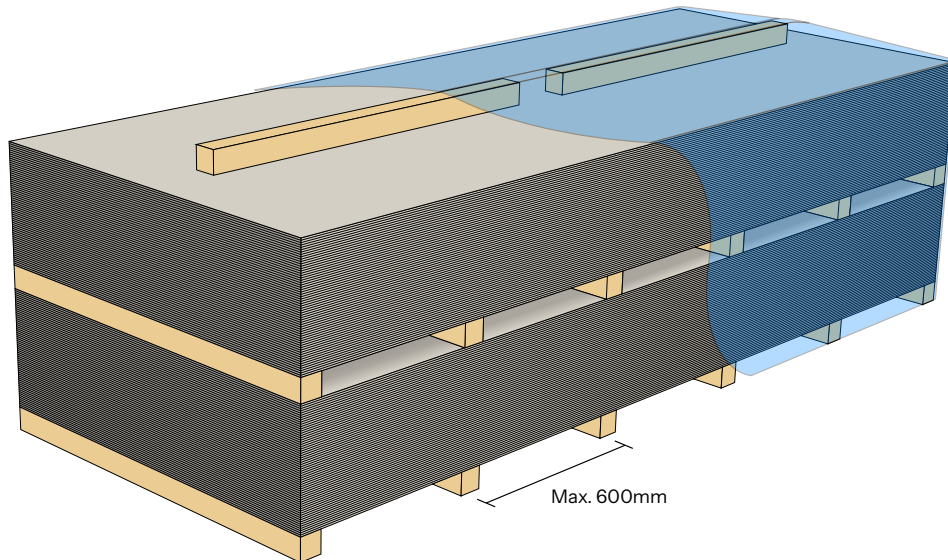
2. Storage and Handling

2.1 Storage

Effects® trims must be stored flat on pallets or level gluts at a maximum of 600mm, inside and undercover in dry conditions, protected from weather and potential influence of other trades.

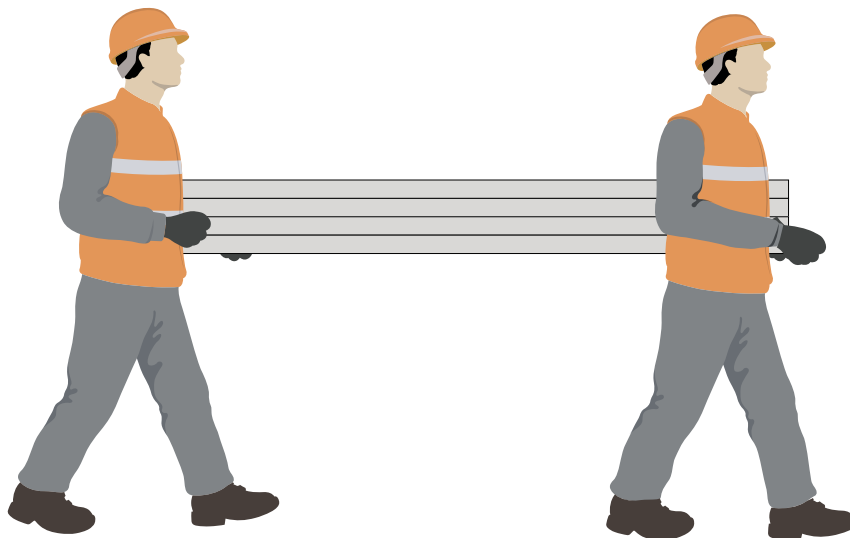
If outdoor storage is unavoidable, extra care and attention is needed to protect the product from rain and direct sun.

Protect the packs with a solid color waterproof cover such as a tarpaulin. This cover must be pitched in the center to allow for moisture to run off and avoid water pooling.



2.2 Handling

Effects® trims must be dry prior to fixing or finishing. Care should be taken to avoid damage to the ends, edges and surfaces. Pieces must be carried on edge to avoid excessive bending. Coordination of installation is important to avoid damage from adjacent trades or activities. Damaged Effects® trims must be replaced.



2.3 Inspection

Check trims before starting installation, if there are signs of damage or defects, do not install and contact Innova for guidance.

3. Design and Construction

3.1 Considerations

It is recommended that for project specific facade designs be undertaken by a suitably qualified professional.

All aspects of design and construction must comply with the New Zealand Building Code (NZBC) and New Zealand Standards (NZS).

Construction details featured in this guide feature typical residential cladding systems and are for reference purposes only, it is the responsibility of the designer to specify products and accessories suitable for the intended project.

3.2 General Framing

Effects® trims shall be fixed through the cladding and into either timber battens or metal tophats supported by the primary frame.

3.3 Control Joints

Movement or control joints within the primary frame and subsequent lining must also be reflected through to Effects® trims.

Effects® trims may be used at these junctions to bridge over control joints but shall be mechanically fixed to one side of the joint only.

3.4 Alpine Regions

Effects® trims should not be used in situations where it will be in direct contact with snow or ice.

3.5 Ground Clearances

The clearance between the bottom edge of the cladding and Effects® trims shall comply with clause 9.1.3 of E2/AS1.

In all instances, the finished ground must slope away from the building.

Effects® trims must not come into contact with standing water.

3.6 Exposure Zones

Effects® trims is suitable for use in all exposure zones outlined in NZS 3604 Timber Framed Buildings Section 4.2.

It is the responsibility of the architect or building designer to specify appropriate components such as fasteners, clips and metal framing systems, with corrosion resistant properties meeting the corrosivity standards and site conditions of the project. Adverse microclimatic factors, as detailed in NZS 3604 Timber Framed Buildings Section 4.2.4, may require specific engineered design.

4. Product Information

4.1 Introduction

Effects® trims is a range of primed fibre cement trims designed to 'picture frame' windows and doors, enhance building corners and can be effectively used as a decorative trim to produce unique features.

Effects® trims are 19mm thick and are complimented with compatible matching widths to provide perfectly symmetrical corners providing a diverse size range of sizes suitable for windows, doors or feature walls internally as wainscoting or externally as part of a board and batten design.

Comprised of lightweight fibre cement and coated with an acrylic primer, it is a durable, fire-resistant trim that is easy to install, paint and achieves a great finish.

The Effects® trims provides tangible benefits to projects due to:

- Pre-primed, ready to paint.
- Designed for equal and square corners.
- Square edge design for a traditional timber look.
- Resistant to moisture and rotting.
- Maintains integrity and appearance longer than traditional timber trims.
- Can be used to compliment a diverse range of both internal lining and external cladding systems.

4.2 Application

Effects® trims is suitable for:

- Low to medium rise buildings.
- Where non-combustible materials are required.
- Both internal and external applications.
- Coastal locations - Zone D.

4.3 Product Conformance

Effects® trims is manufactured from portland cement, finely ground sand, cellulose fibers, water and additives. The material is cured in a high-pressure steam autoclave to create a durable, dimensionally stable product.

Innova fibre cement products are manufactured to conform to the requirements of AS/NZS 2908 Cellulose-Cement Products, Part 2: Flat Sheets. Effects® trims is classified as Type A, Category 3.

4.4 Durability

Innova Fibre Cement products have proven their resistance to heat and moisture exposure by complying with AS/NZS 2908 Cellulose-cement products Part 2: Flat sheets:

- Water permeability (Clause 6.2).
- Heat rain (Clause 6.5).
- Warm water (Clause 6.4).
- Soak dry (Clause 6.6).

4.5 Quality

Effects® trims is produced under ISO9001:2015 Certification for Quality Management Systems.

4.6 BPIR

Designated building Product: Class 1

Declaration

Etex Australia Pty Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building Regulations 2022 (Building Product Information Requirements). A copy of this declaration can be found at innovafibreceement.co.nz.

4.7 Preparation

All cut edges must be sealed with an appropriate water-based primer prior to installation. Application must be as per the coating manufacturers recommendation.

4.8 Fasteners

Fastener Durability

Fasteners must have the appropriate level of durability and be fully compatible with all other materials required for assembly.

The use of minimum class 4 or stainless steel fasteners within Zone D and geothermal hotspots or corrosive environments is required.

Contact the fastener manufacturer for further information.

Hand nailing

Prior to hand nailing, Effects® trims shall be pre-drilled. Use minimum 2.8 x 50mm corrosion resistant bullet head or flat head nail. Flat head nails must be driven flush and bullet head nails can be punched 2-3mm below the surface, fill with exterior-grade compound suitable for sanding and painting.

Finishing nails

Pneumatic finishing guns are only recommended for securing 19mm thick Effects® trims. Use minimum 50mm 16-gauge stainless steel finishing nails (C, ND or DA).

Screw fixing

Screws require pre-drilling and countersinking. Ensure the correct size countersinking bit is used. Screws should be countersunk 2-3mm below the surface, fill with exterior-grade compound suitable for sanding and painting.

Do not fix into ends, sides or closer than 22mm from the edge of Effects® trims.

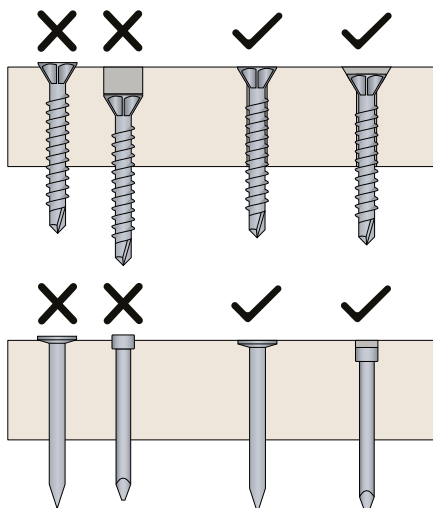


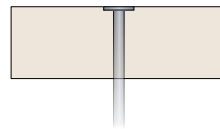
Figure 1 Fastener depth

4.9 Fastener Positioning

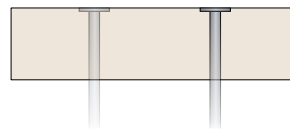
Effects® trims must be installed so that the following is achieved:

- All fasteners must be long enough to be secured back to the primary frame or structural batten behind the cladding.
- Polyurethane sealant adhesive can be used in conjunction with selected fasteners, refer to adhesive positioning (Figure 2 Fastener & Sealant Location).
- Brad nail fixings shall be spaced at a maximum of 150mm centres, hand nailing and screw fixings shall be spaced at a maximum of 300mm centres.
- The positioning of Effects® trims for a board and batten layout shall be aligned with either the supporting primary frame or structural member.

19 x 57mm
Single fastener



19 x 76mm
Dual staggered fasteners



19 x 95mm
Dual staggered fasteners

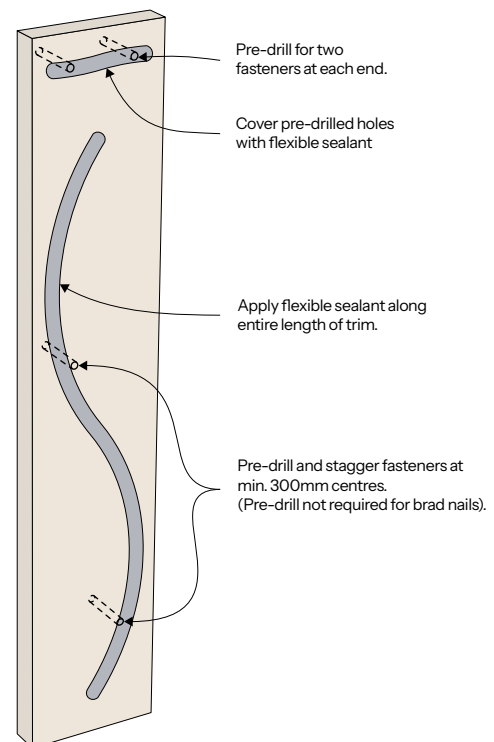
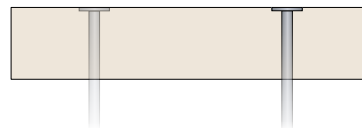
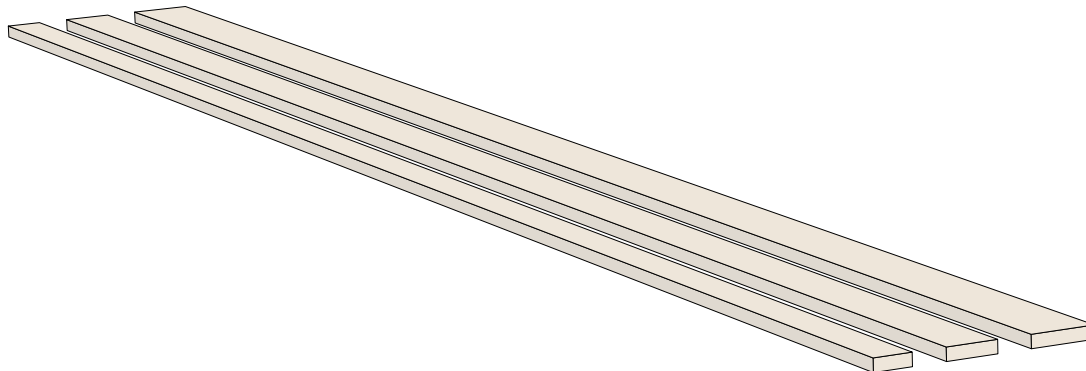


Figure 2 Fastener & sealant Location

5. Products & Accessories

5.1 Effects® trims



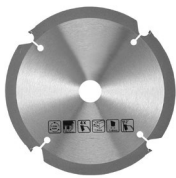
Product	Width (mm)	Length (mm)	Thickness (mm)	Weight (kg/lm)	Pack Size	Product Code
Effects® trims	57	3000	19	1.3	288	4094322
	76	3000	19	1.7	216	4094323
	95	3000	19	2.2	180	4094324

5.2 Accessories by others

Application	Description	Size
Hand nailing		
	Flat head nail - Min. Class 3	Min. 2.8 x 50mm
	Jolt head nail - Min. Class 3	Min. 2.8 x 50mm
Pneumatic gun nailing		
	Stainless steel 16g brad nail (C, ND or DA)	Min. 16g x 50mm
	Stainless steel ring shank nail	Min. 2.5 x 65mm
Screw fixing		
	Countersunk ribbed head timber screw - Min. Class 3	8g-10tpi x 50mm
	Countersunk ribbed head wing self drilling screw - Min. Class 3	8g-18tpi x 50mm
	Jolt head screw - Min. Class 3	8g x 60mm
Sealant adhesive		
	BRANZ Appraised polyurethane sealant adhesive or similar	

5.2 Accessories by others (cont.)

Power Tools



4T or 6T PCD fibre cement blade



Compound saw, circular saw fitted with dust extraction port



Class M or H vacuum

6. Board and Batten Design



Create the heritage cladding barn-style board and batten looks for external walls and produce distinct wainscoting profiles internally. Timeless traditional or cutting edge modern architectural designs are effortless with Effects® trims.

6.1 Recommended board and batten options

Based on a 1200mm wide Innova fibre cement sheet product.

	200mm	300mm	400mm	600mm
57 x 19mm	X	X		
76 x 19mm		X	X	
95 x 19mm			X	X

Suitable Innova products to create board and batten or wainscoting designs.

Internal Lining	External Cladding
Duraliner®	Durasheet®
Duralux®	Durascape®
Intergroove®	Duragroove®

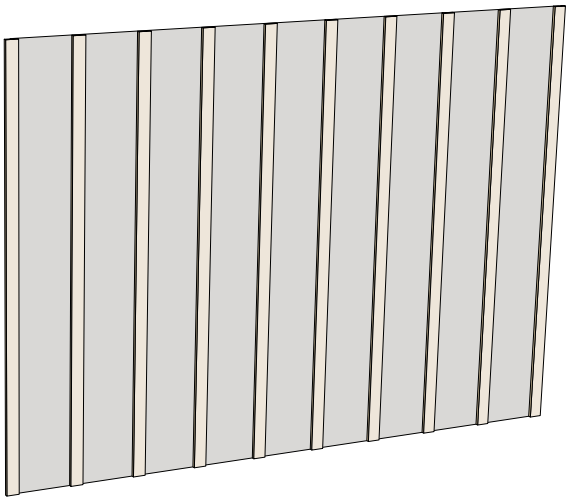
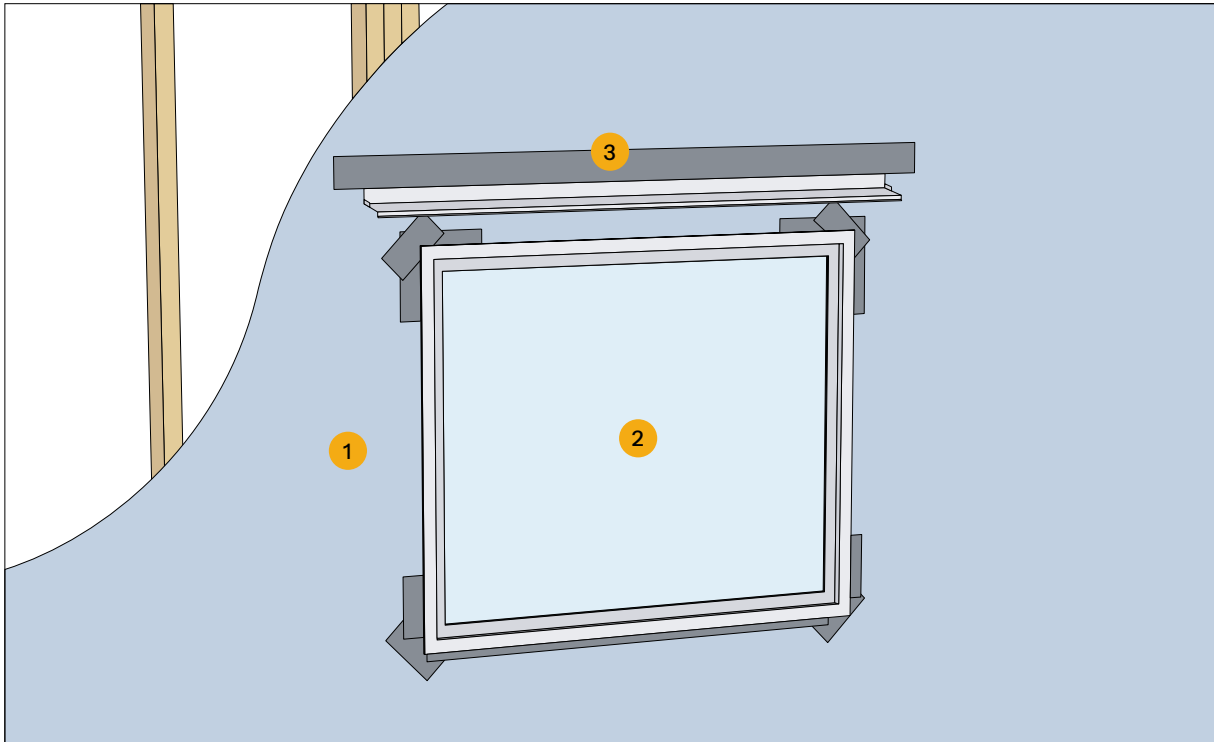
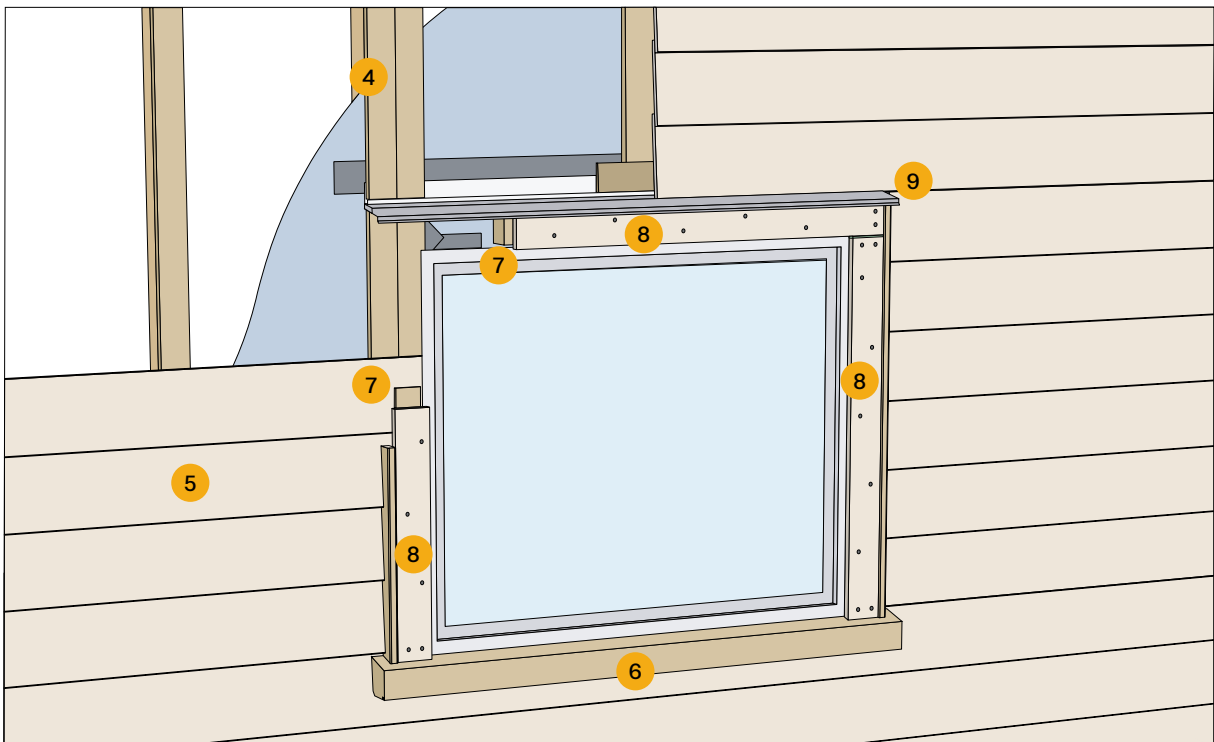


Figure 3 Board & batten layout example

7. Installation



- 1** Install wall wrap to manufacturer's specification.
- 2** Install window to manufacturer's specification.
- 3** Install head flashing min. 20mm past window facings or as per cladding manufacturer's specification.



- 4** Install additional battens as required
- 5** Install cladding products and accessories to manufacturer's specification
- 6** Install treated timber sill
- 7** Install packers at jambs and under head flashing to provide 10mm cover over joinery flange by Effects® trims.
- 8** Install Effects® trims and scribes and fill with sealant, taking note of fastener requirements and placement.
- 9** Seal head flashing as per E2/AS1.

8. Construction Details

8.1 Sheet and flat weatherboard profiles

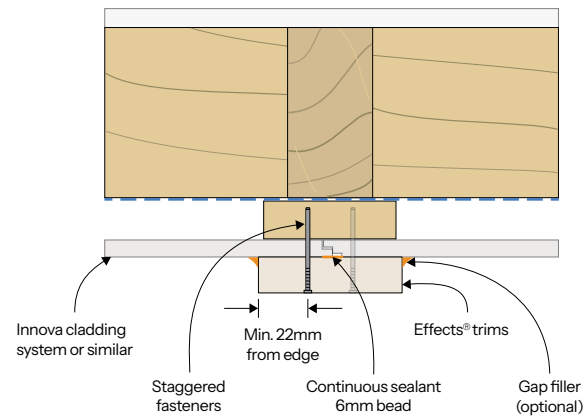


Figure 4 Sheet join detail Plan

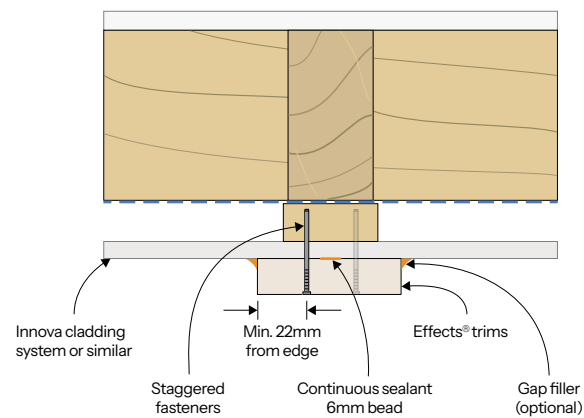


Figure 5 Sheet detail Plan

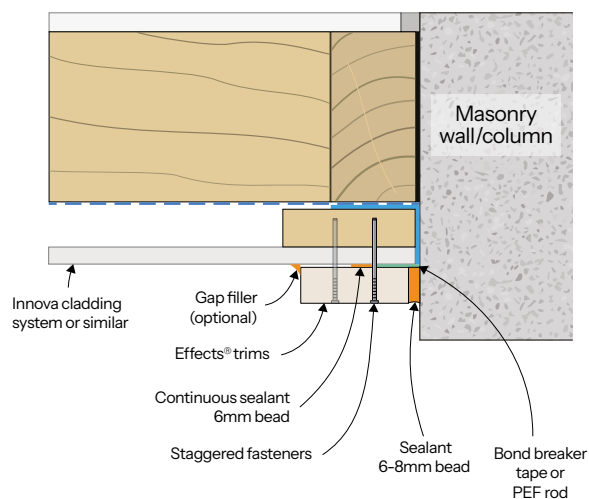


Figure 6 Wall abutment detail Plan

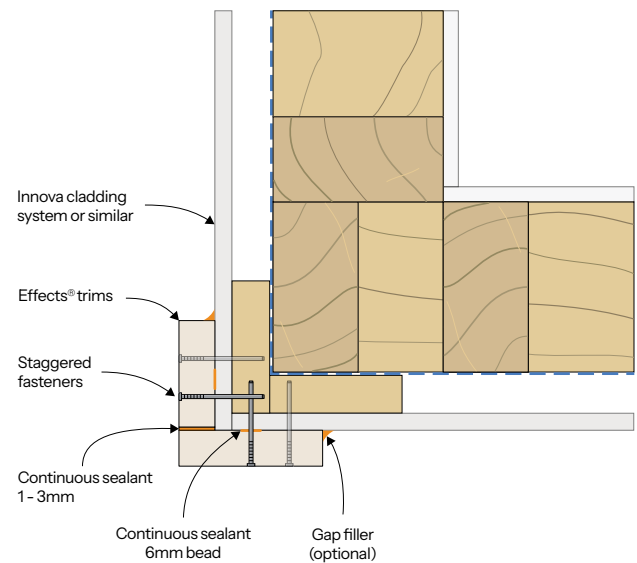


Figure 7 External corner detail Plan

i For boxed corners, use 19 x 76mm with 19 x 95mm or 19 x 57mm with 19 x 76mm.

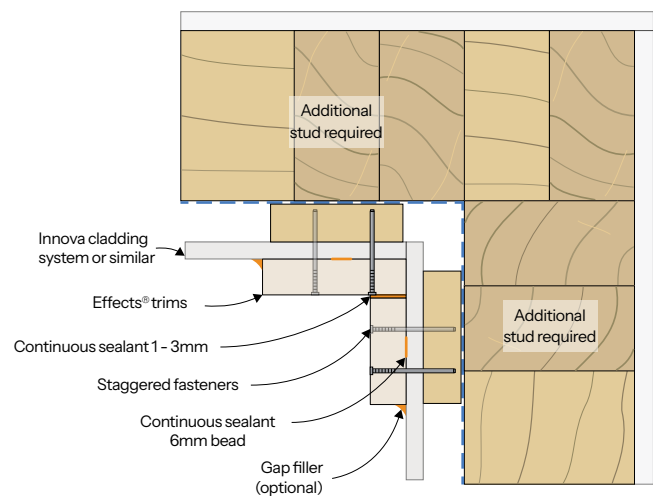
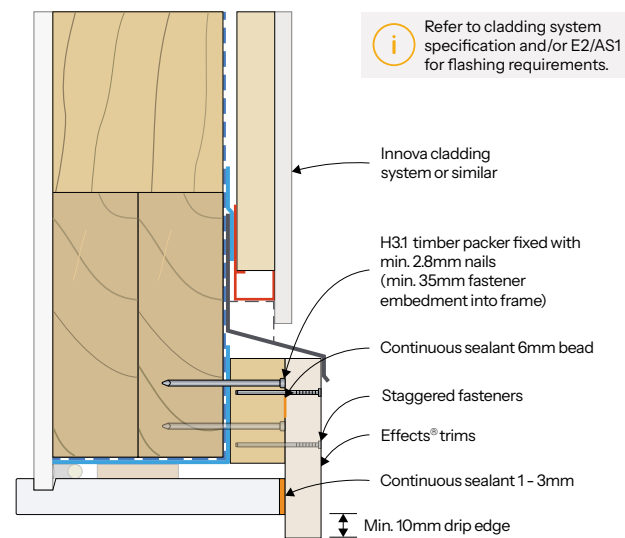
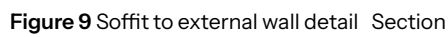


Figure 8 Internal corner detail Plan

8.1 Sheet and flat weatherboard profiles



Effects® trims beyond

Min. 10mm

H3.1 treated timber sill
Pre-drill timber trim with
3mm hole, fix with 3.15mm
jolt head nails and sealed
to cladding.

Continuous sealant
6mm bead

Gap filler
(optional)

Innova cladding
system or similar

Garage jamb reveal

Head flashing above

Continuous sealant 1 - 3mm

Innova cladding system or similar

Gap filler (optional)

Head flashing min. 20mm past trim

Staggered fasteners

Effects® trims

Continuous sealant

ant

Innova cladding system or similar

Min. 20mm past scribe

Effects® trims

Staggered fasteners

Continuous sealant 6mm bead

Timber packer

Head flashing above

Additional stud required

October 2025

8. Construction Details

8.2 Traditional weatherboard profiles

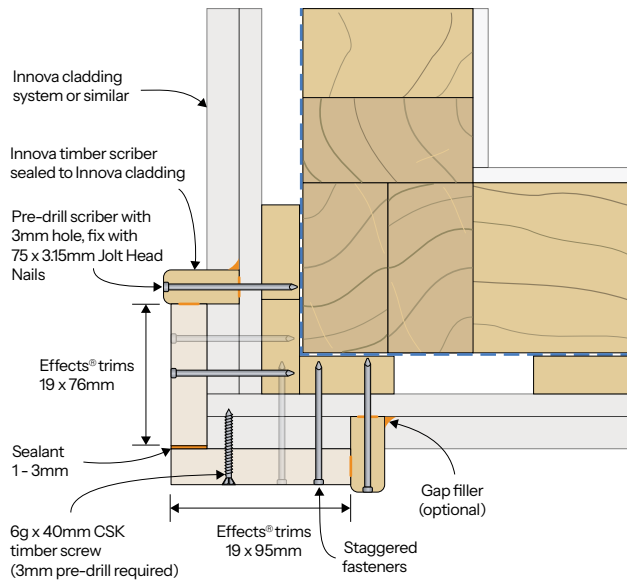


Figure 14 External corner detail Plan

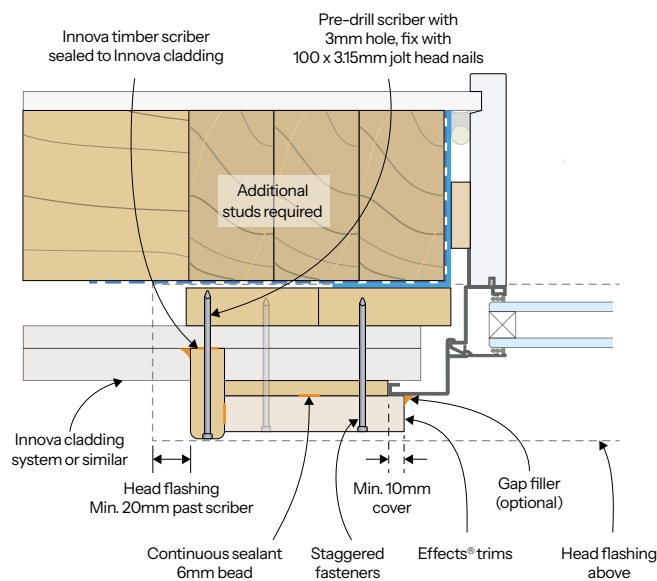


Figure 15 Window jamb detail Plan

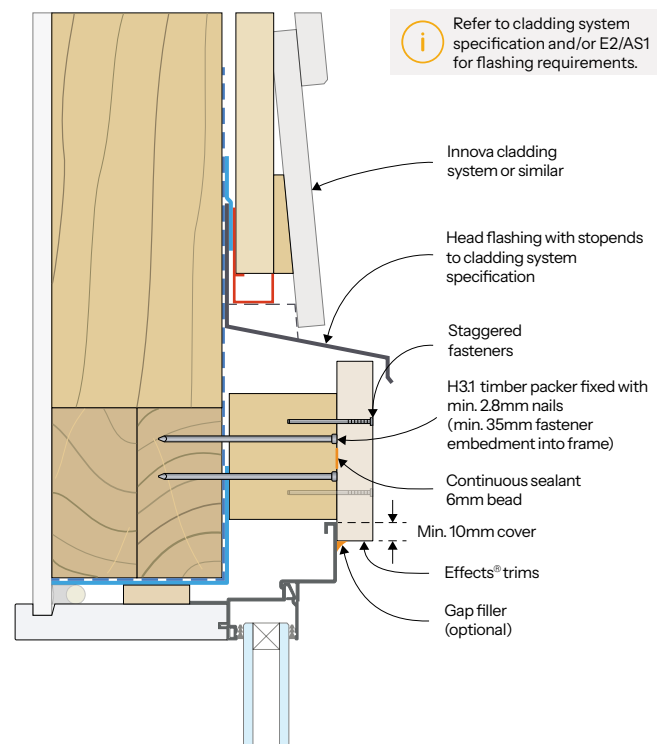


Figure 16 Window head & sill detail Section

8. Construction Details

8.2 Traditional weatherboard profiles

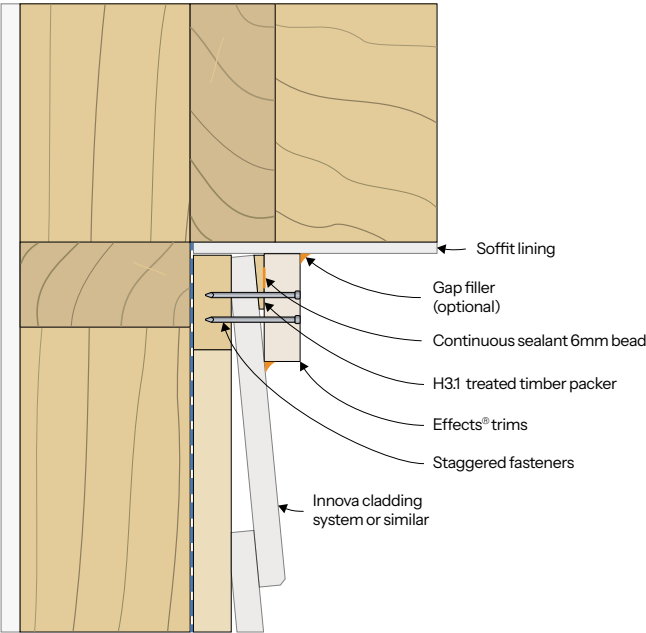


Figure 17 Soffit to external wall detail Section

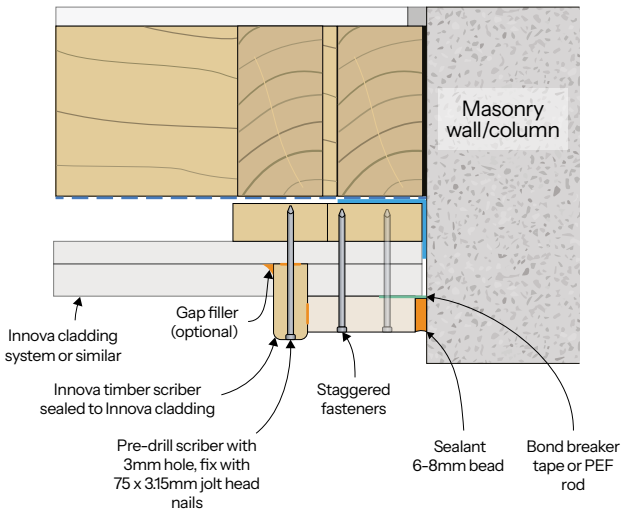


Figure 18 Wall abutment detail Plan

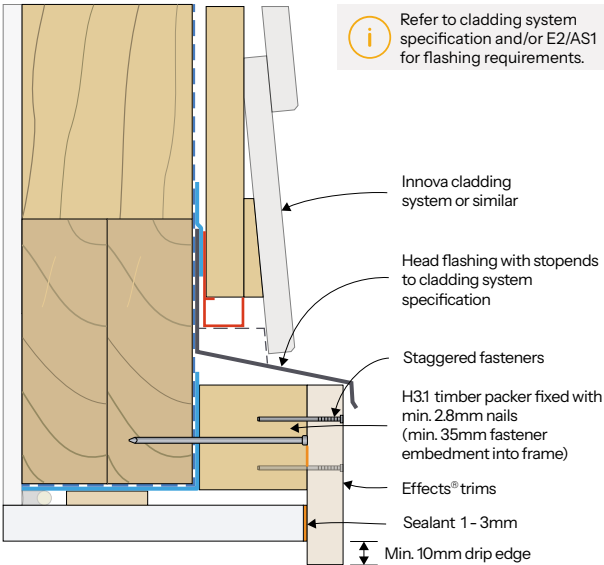


Figure 19 Garage door jamb detail Plan

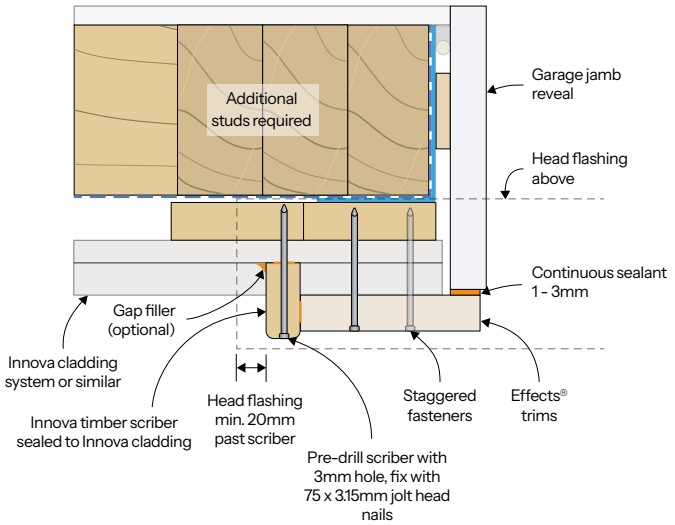


Figure 20 Garage door jamb detail Plan

9. Finishing

9.1 Considerations

Ensure that Effects® trims are clean, sound and dry prior to applying the selected coating system.

For best results:

- Screw and nail holes should be filled with a suitable filling compound.
- Do not over-fill or excessively sand the compound as this may cause an undesired surface variation.

Effects® trims must be finished according to the coating manufacturer's instructions within three months following delivery to site. In coastal or corrosive environments Effects® trims must be finished immediately after installation to minimise contamination build up on the surface. Apply coating to the coating manufacturers specification.

Paint coatings in darker colours absorb more UV rays, leading to higher surface temperatures. The coating's durability and recoat time may be reduced. Effects® trims must be protected by a quality coating system maintained in accordance with the coating manufacturer's guidelines.

9.2 Lighting Variations

Unless specifically outlined in the project's specifications, imperfections that are only visible under critical light do not indicate defective materials or workmanship.

Critical lighting, often referred to as 'glancing light', occurs when sunlight or an intense artificial light source strikes a surface at a low angle, typically 15° or less. This low angle illumination causes minor surface variations to cast shadows, accentuating imperfections that would typically remain inconspicuous under diffused lighting conditions.

Critical light occurs when walls are illuminated by early morning or late afternoon sun, typically for a period of 30 to 60 minute periods when the sun is low on the horizon. Internally, glancing light may result from intense, angular, or harsh artificial lighting which highlights imperfections on reflective surfaces.

Variations in color, texture, and finish of surfaces, including walls, ceilings, and floors, should be assessed from a standard viewing position. This normal viewing position is defined by the MBIE document - Guide to Standards & Tolerances, as an unobstructed viewing angle of 45° or more, looking at the surface from a distance of at least 2 meters with the surface being lit by non-critical light, or if indoors with a uniform typical level of lighting.

Minor discrepancies in colour and finishing of materials are not considered defects.

9.3 Maintenance

Effects® trims, when used in accordance with this literature, requires no direct maintenance. To ensure integrity is maintained, annual inspections must be carried out.

The maintenance requirements shall be established by the designer, taking into account the specific location, climate, and environmental conditions.

The following outlines recommended routine maintenance tasks to ensure the longevity and performance of the system:

- Clean exterior surfaces every 6 to 12 months using water, mild detergent, a garden hose at low pressure, and a soft sponge.
- Conduct regular inspections to verify that fasteners securely anchor the cladding to the structure.
- Inspect flashings and sealant joints to confirm they continue to function as intended.
- Maintain guttering, downpipes, and overflows, ensuring they remain clear of debris.
- Check ground clearances are maintained.
- Trim vegetation in close proximity to or in contact with the building.
- Follow the coating manufacturer's recommendations on cleaning and recoating procedures.

Fibre cement specialists. Built on change.

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