

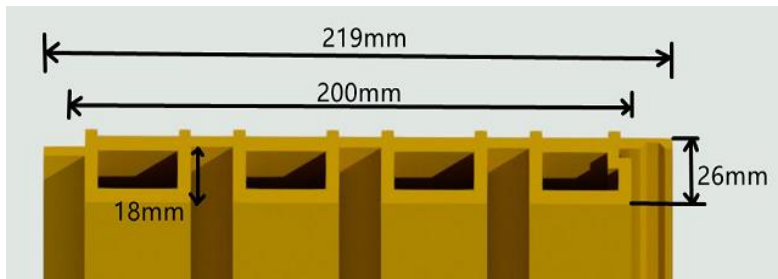
INSTALLING COMPOSITE CASTELLATED CLADDING

NEW WAVE's Castellated Cladding is an innovative, pre-finished composite cladding. Featuring a unique four-ribbed profile, it is ideal for any project.

Colour:

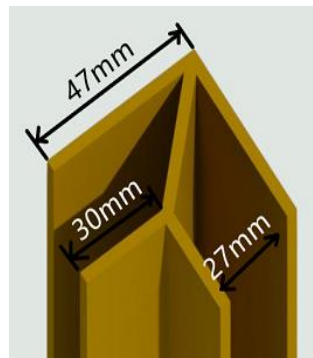
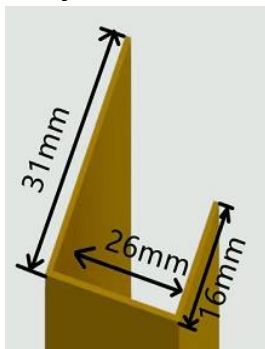


Specification



Visible Width	Thickness	Span	Length	Board weight	Weight Per SQM
200mm	26mm	500mm	5400mm	15.5kgs	14.5kgs

Trim System :





IMPORTANT NOTE - READ ALL SECTIONS BEFORE YOU START

With any type of construction project, it is necessary to wear appropriate safety equipment to avoid any risk of injuries, gloves, a respiratory protection, long sleeves, pants, safety glasses and so on.

Standard woodworking tools may be used. It is recommended that all blades have a carbide tip. Standard stainless steel or acceptable coated deck screws and nails are recommended.

A clean, smooth, flat and strong surface is needed to install products correctly and it needs to be stored on a flat surface at all.

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Expansion and shrinkage

Leave a gap in-between each panel joint

The temperature difference in Australia could be from 15 degree up to over 40 degree, the expansion and shrinkage rate of composite wall cladding is approximately 2mm per lineal meter, the installer needs to make sure leave a gap to allow expansion when the temperature goes up.

Pre-drill 5mm hole of each fixing

To allow the movement of composite cladding panels, a diameter of 5mm pre-drill hole for each fixing screw is required.

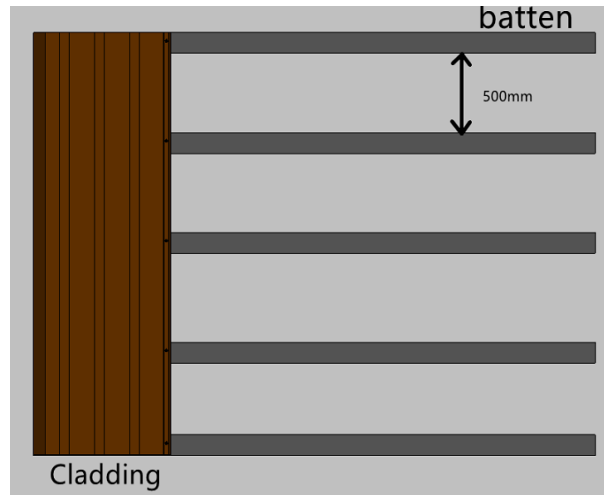
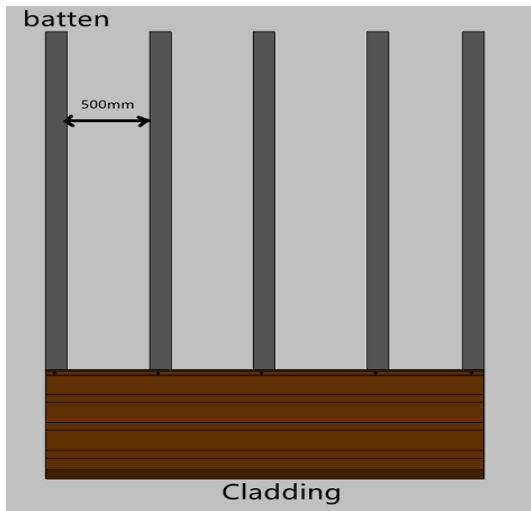
Sub-frame work

- Composite wall cladding needs to be supported by BCA compliant structure, cannot be installed and screwed directly onto the wall
- Requirements on screws: must be stainless screws, size: 8g * 30mm
- Size of timber frame: 70mm by 35mm is recommended
- Subframe material: H3 treated pine is recommended
- A 350mm to 600mm joist spacing is recommended for all composite cladding panels
- Stainless steel must be always used

You will need a professional installer or builder to finish the job if:

- You are going to install the cladding as a ceiling
- You are going to use it for commercial
- The height of wall you are going to cladd is over 2.2m

A clean, smooth, flat and strong surface is needed to install products correctly and it needs to be stored on a flat surface at all.



INSTALLATION PROCEDURE

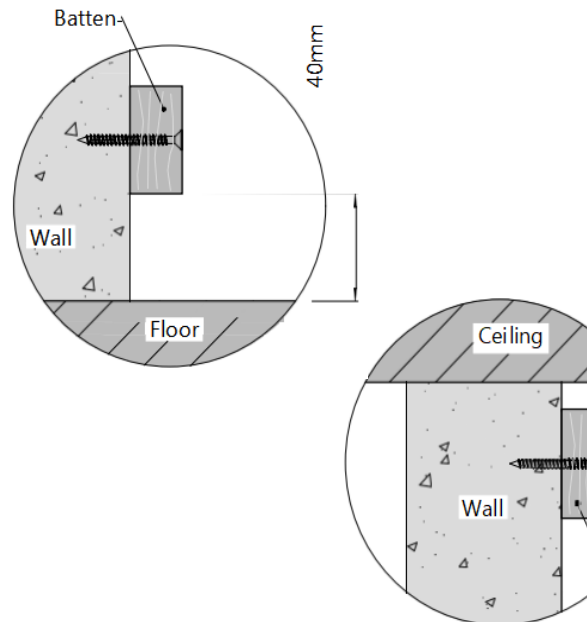
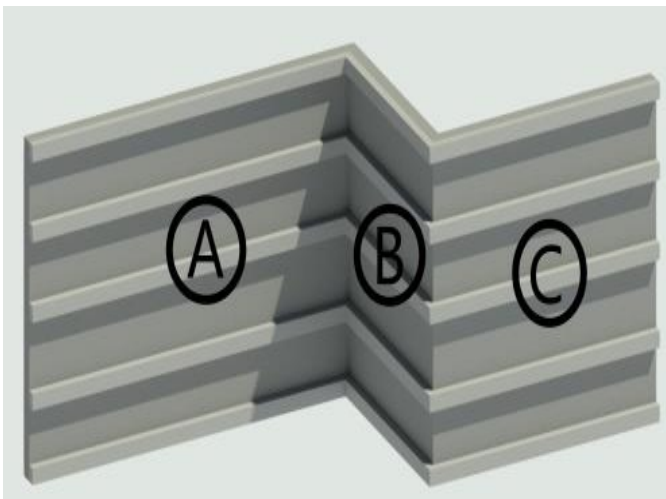
1. Battens Installation & Please Note

Wall side A: Cladding between the Trim and the Inside Corner

Wall side B: Cladding between the Inside Corner & the Outside Corner Trim

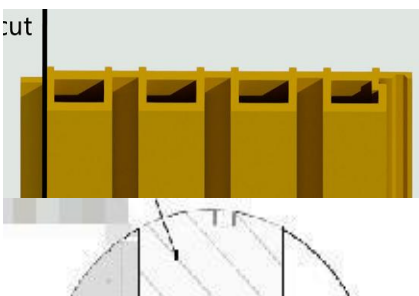
Wall side C: Cladding between the Outside Corner Trim & the Trim

- 1) A minimum clearance of 40mm needs to be left between the lowest batten and the floor
- 2) A minimum clearance of 10mm needs to be left between the ceiling and the top of the battens



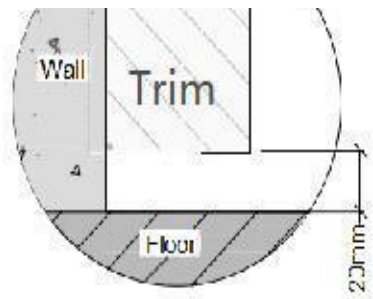
2. Trim & Cladding Installation

A) Cut the first Cladding board like it and fix the trim A on the batten with screws. please see the Diagram Diagram 2-2



The first cladding is cut and placed in ALU Trim.

A minimum clearance of 20mm needs to be left between



the trims and the floor, as shown the picture.

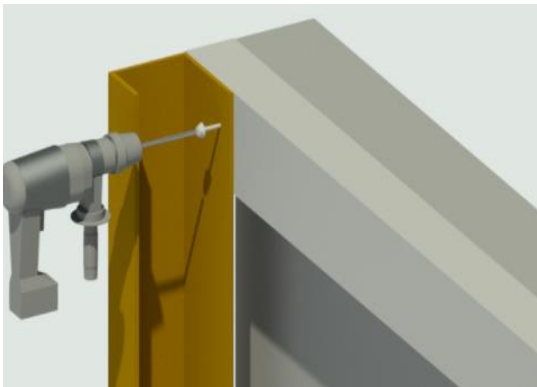


Diagram 2-1

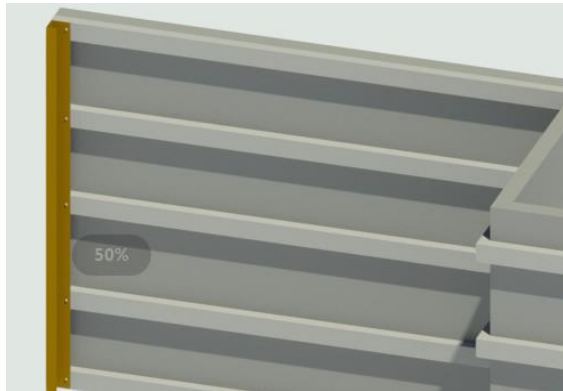


Diagram 2-2

B) Put the first Cladding board into the trim A , and fix it on the batten with screws, please see the Diag & Diagram 2-4



Diagram 2-3

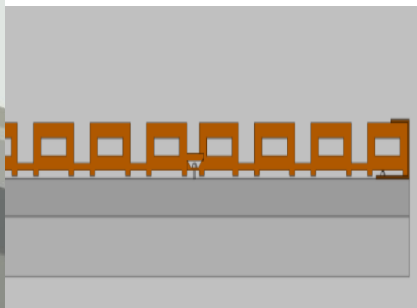


Diagram 2-

C) Put the second Cladding board over the first board & fix it on the batten with screws , please see Dia & Diagram 2-6

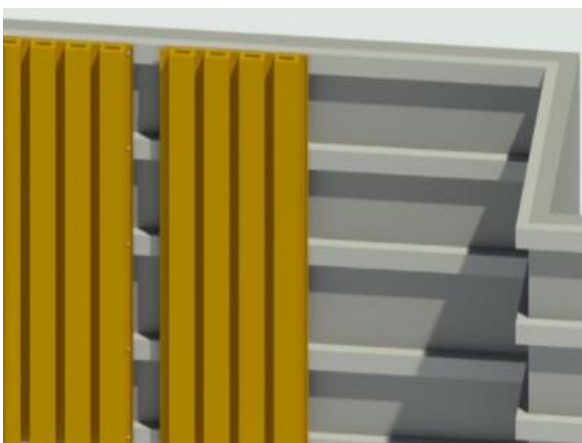




Diagram 2-5



Diagram 2-6

C) When you are at the last cladding board that the installation is toward the inside corner, please measure the distance, you will cut the board like A or B, and fix the board on the batten, please see the Diagram 2-7 & A & B.

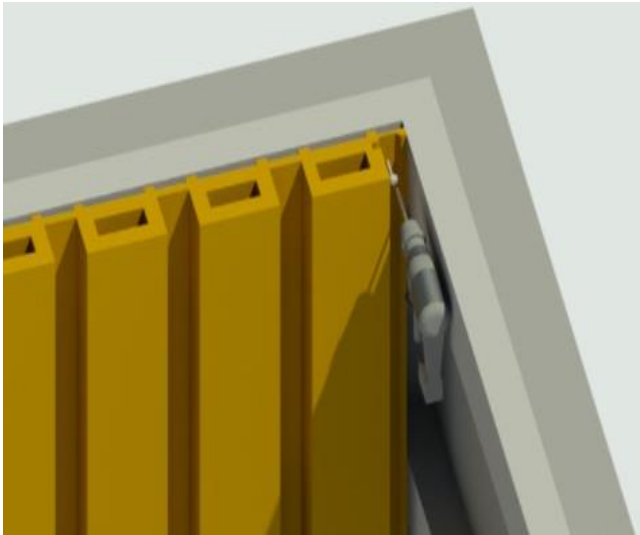
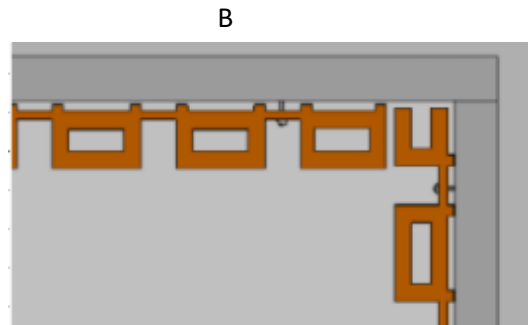
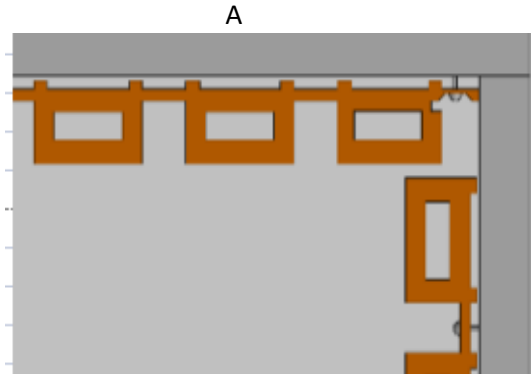


Diagram 2-7



D) Cut the first board as above and fix the trim B on the batten with screws, please see the Diagram 2-8 and Diagram 2-9, then put the second cladding board over the first board, and fix it on the batten with screws again, and so on, please see the Diagram 2-10 & Diagram 2-11

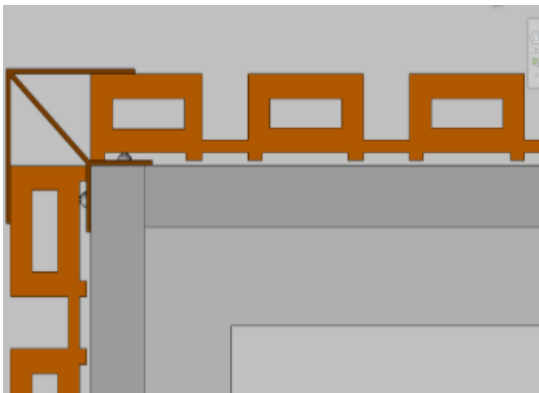


Diagram 2-8

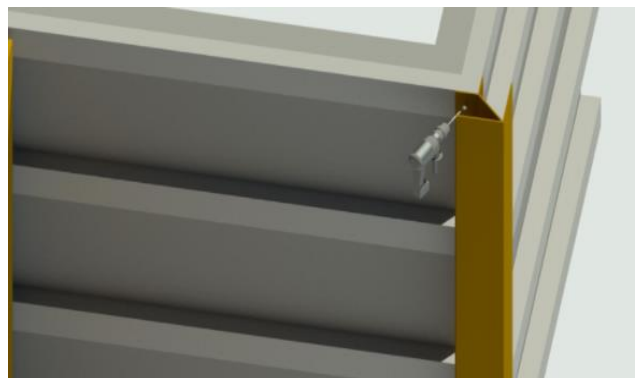


Diagram 2-9



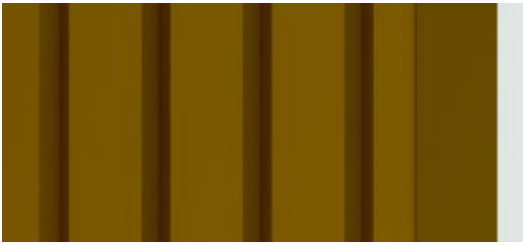


Diagram 2-10



Diagram 2-11

E) Put the first Cladding board in the Trim B, fix it on the batten with screws and put the second board over the first board, fix it and so on. For the last Cladding board, measure, cut and insert Trim A, fix the board on the batten with screws.



Diagram 2-12

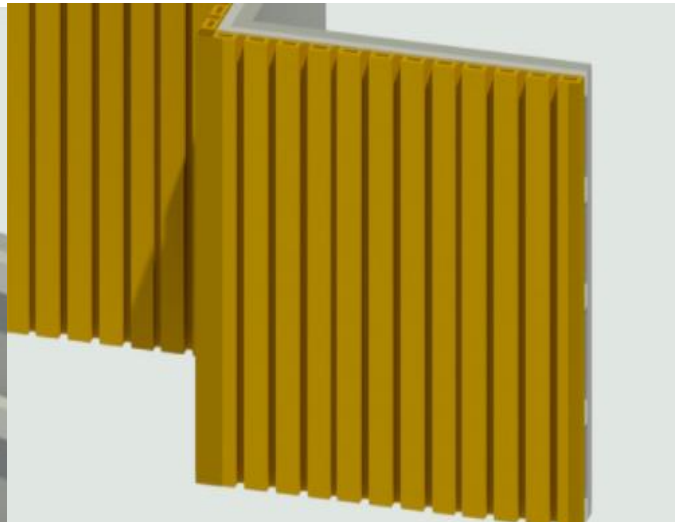
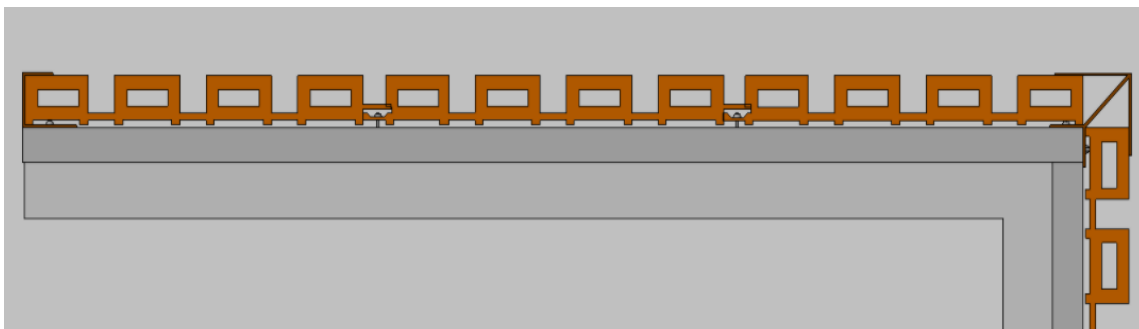


Diagram 2-13



F) Presents the final appearance after completing the installation

