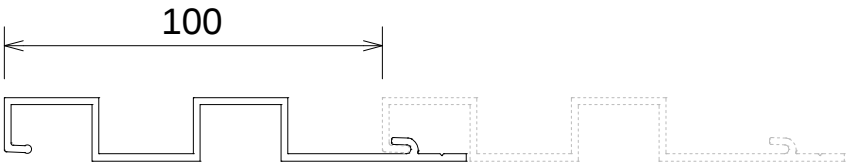


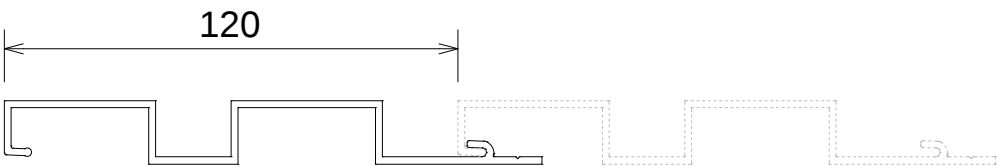
Inroduction

The Acetech Series Castellated Cladding System by Acetech is a high-performance aluminium façade solution designed to deliver a modern architectural appearance with distinctive depth and shadow lines. Manufactured from durable, corrosion-resistant aluminium, the system is well suited to a wide range of environmental conditions across Australia. It is designed for efficient installation and compliance with project-specific requirements in accordance with the National Construction Code (NCC).

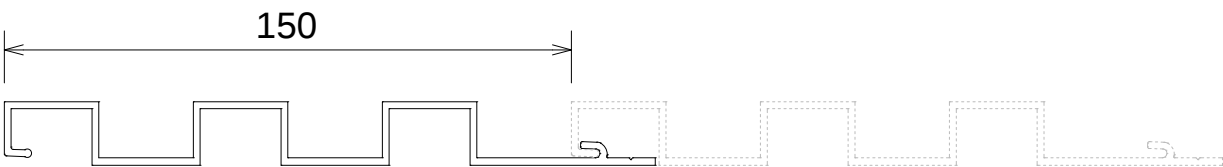
Castellated cladding series boards



ACCAST100
25 x 25 ribbed, weight: 0.99 kg/m
comes in 5.8 m and 6.5 m lengths



ACCAST120
40 x 20 ribbed, weight: 1.08 kg/m
comes in 5.8 m and 6.5 m lengths



ACCAST150
25 x 25 ribbed, weight: 1.39 kg/m
comes in 5.8 m and 6.5 m lengths

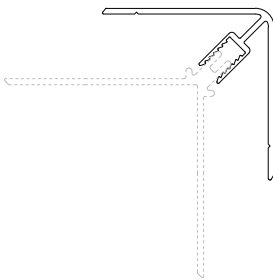
Trims

All comes in 6.5 m lengths

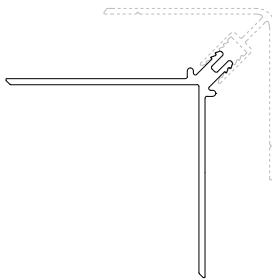
ACCASTSTR
horizontal and vertical



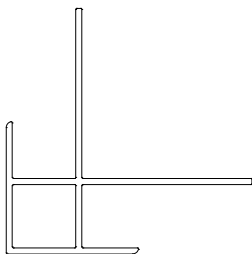
ACVCT1
corner female
horizontal and vertical



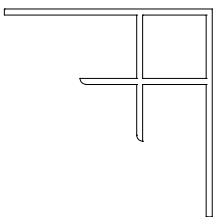
ACVCT2
corner male
horizontal and vertical



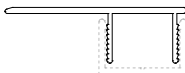
ACVCT5
external corner - horizontal



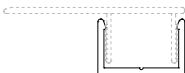
ACVCT6
internal corner - horizontal



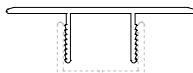
ACVET
End trim cover
horizontal and vertical



ACVJET
End trim base
horizontal and vertical



ACVJT
Joiner trim
horizontal and vertical



ACVUET
Stop end trim channel
horizontal and vertical



Installation procedure

Please read all the instruction before the start of installation of your cladding.

This document provides a general installation guide for our Acetech Series Aluminium Castellated Cladding System. It is intended to assist installers, builders, and project stakeholders in understanding typical installation methods and key considerations for the system.

All works must be carried out by suitably qualified and competent personnel, in accordance with project-specific documentation, relevant Australian Standards, and the requirements of the National Construction Code (NCC). This guide should be read in conjunction with approved shop drawings, engineering documentation, and architectural specifications.

Important Notes / Disclaimers

This document is provided as a general guide only. It does not replace project-specific drawings, engineering design, or professional advice.

The information contained in this guide is not an exhaustive statement of all installation requirements. Site conditions, building design, and project constraints may necessitate additional detailing, coordination, or methods.

All installations must be supported by project-specific design and certification by a qualified engineer. This includes consideration of wind actions in accordance with AS/NZS 1170.2, as well as structural adequacy, fixing systems, and substrate conditions.

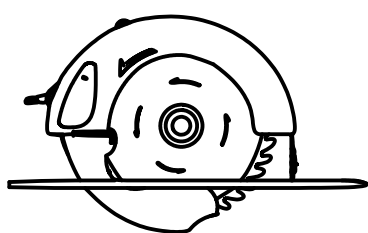
Installation must comply with all relevant Australian Standards, including but not limited to: AS 1562.1, AS/NZS 1170 and other applicable standards and codes relevant to the project Requirements.

The system must be installed in accordance with the performance requirements of the National Construction Code, including provisions relating to weatherproofing, structural performance, and fire resistance where applicable.

It is the responsibility of the installer, builder, and project engineer to ensure that the system is suitable for the intended application

Screws used must be galvanized or stainless steel or as per project specific requirement.

Tools Required:



Drop Saw



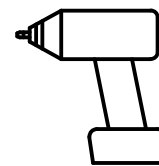
Tape Measure



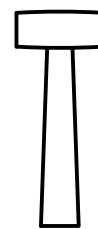
Spirit level



Driver Bit



Drill/Driver

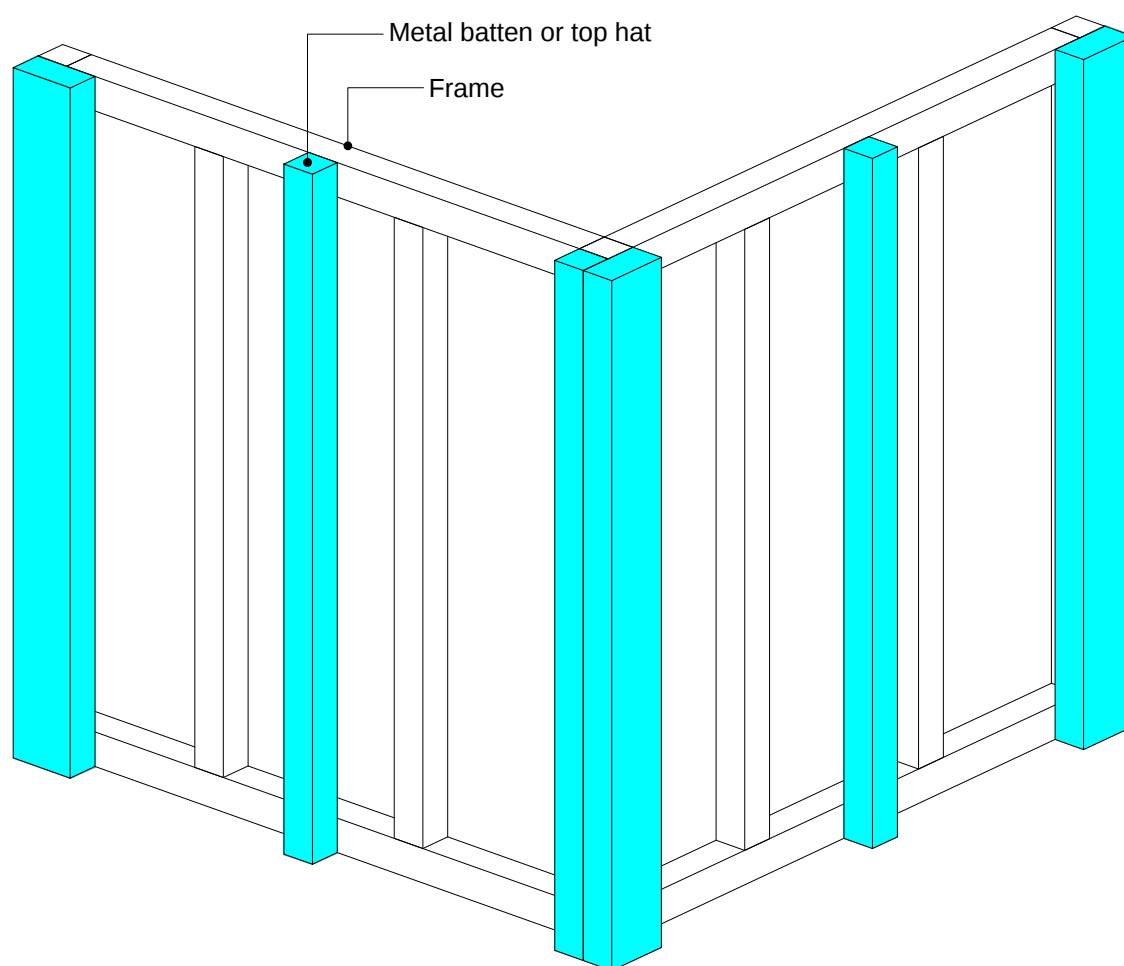


Rubber Mallet

Horizontal application

Step 1

After the completion of framing and building wrap to manufacturer's recommendations fix Metal batten or top hat vertically at 600 mm centre spacing maximum. Building wrap not shown on sketch.

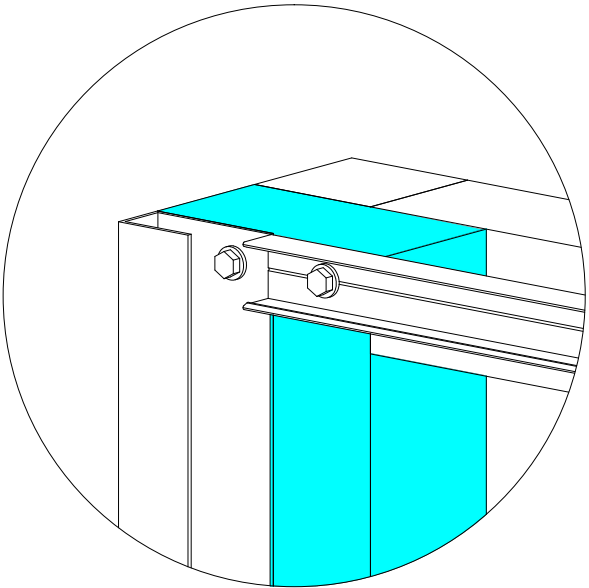
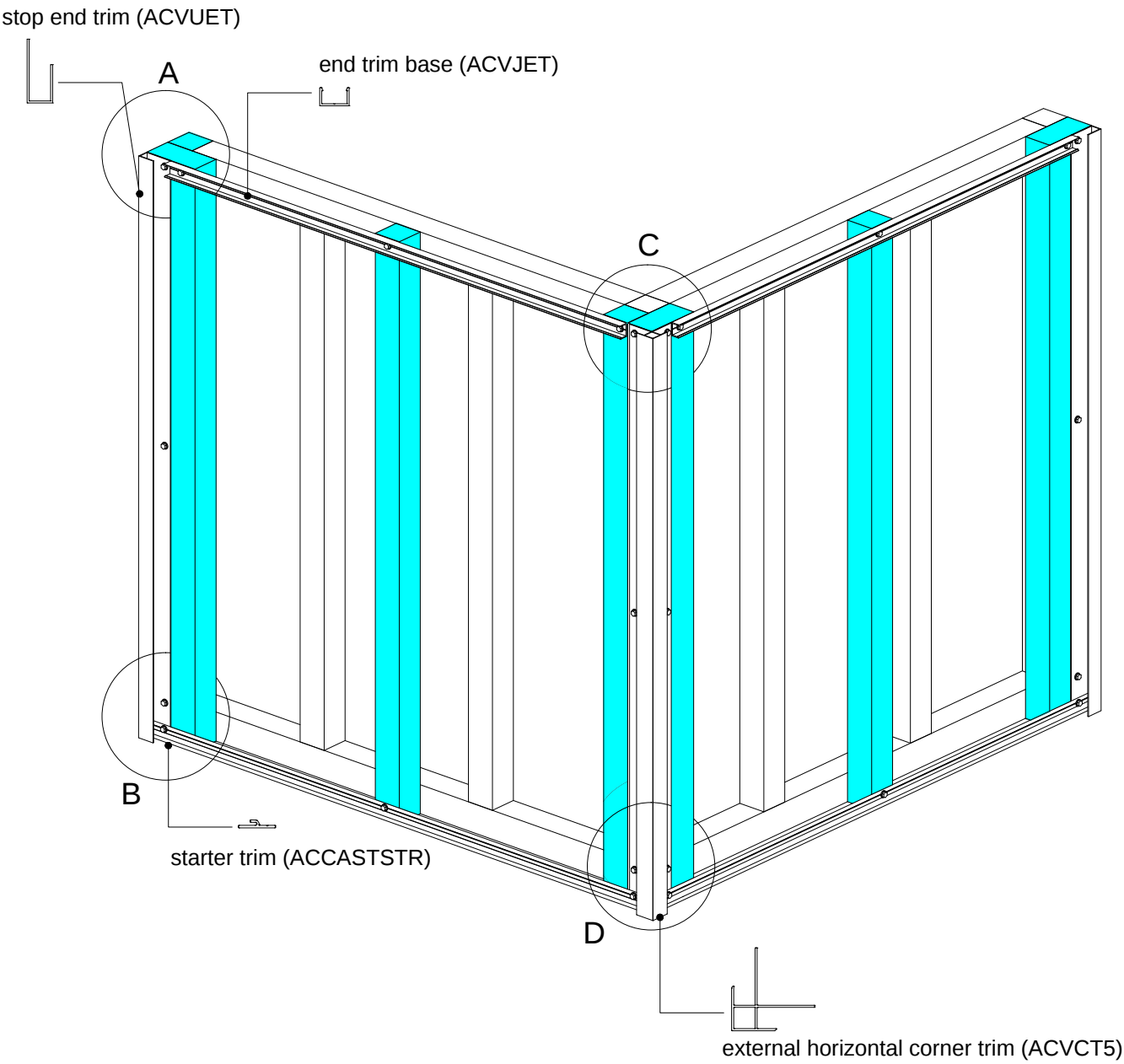


Horizontal application

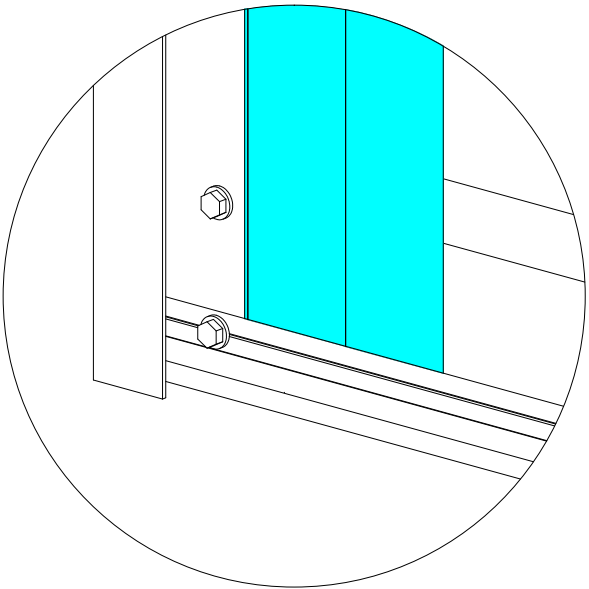
Step 2

- (a) Measure, cut and install cladding trims including stop end trim (ACVUET), end trim base (ACVJET), external corner trim ACVCT5 with 10g (4.8mm) hex head or wafer head self drive screws as required, ensure the trims are fixed at maximum 600 mm centres or as required by project specific wind loads.
- (b) Measure, cut and install starter trim (ACCASTSTR). Leave 5 mm gap to the inside of stop end trim (ACVUET).

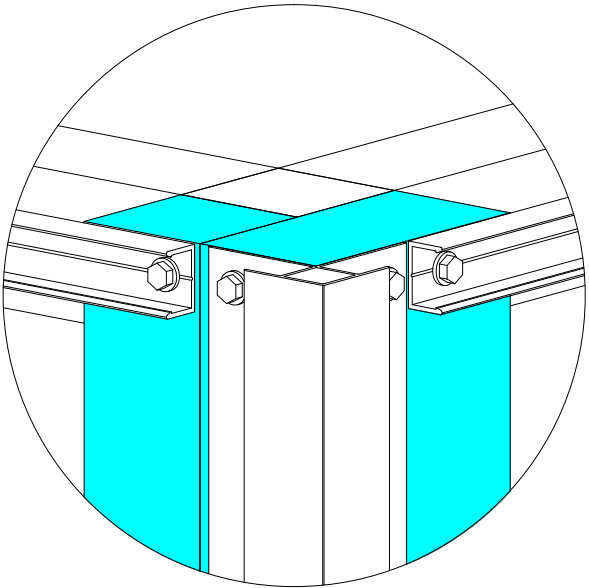
Note: The trims are designed to be interchangeable. For example you can use 2 piece corner trims (ACVCT1 & ACVCT2) as shown on page 7 instead of ACVCT5 which is shown here. The application shown here only represents a typical situation.



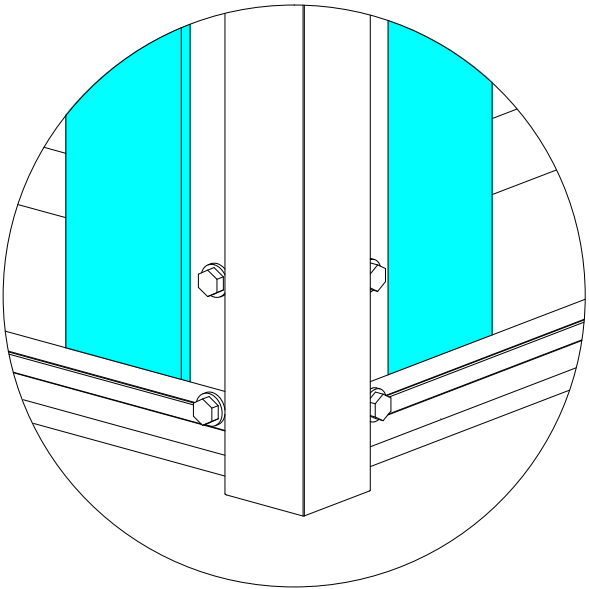
Detail A



Detail B



Detail C



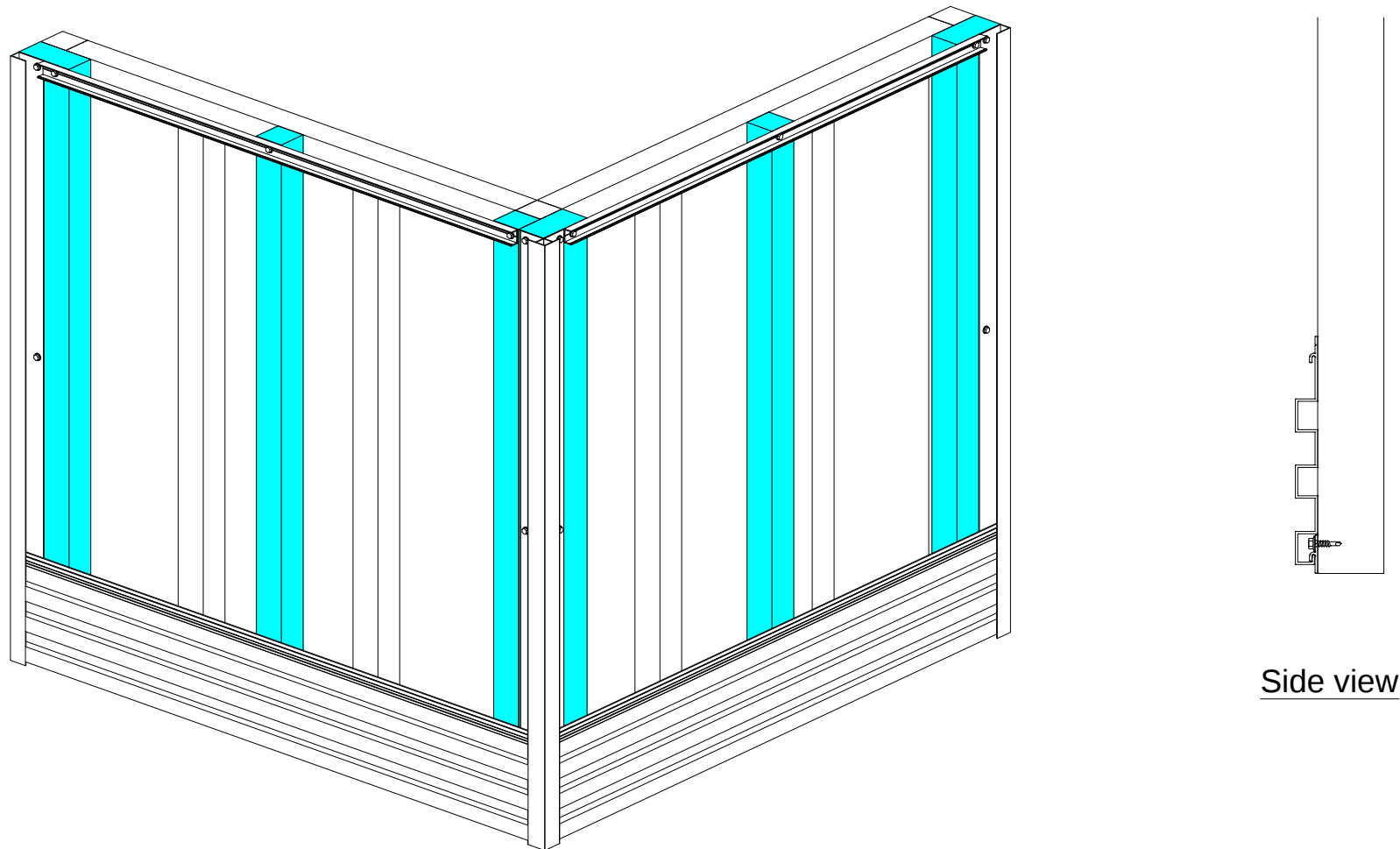
Detail D

Horizontal application

Step 3

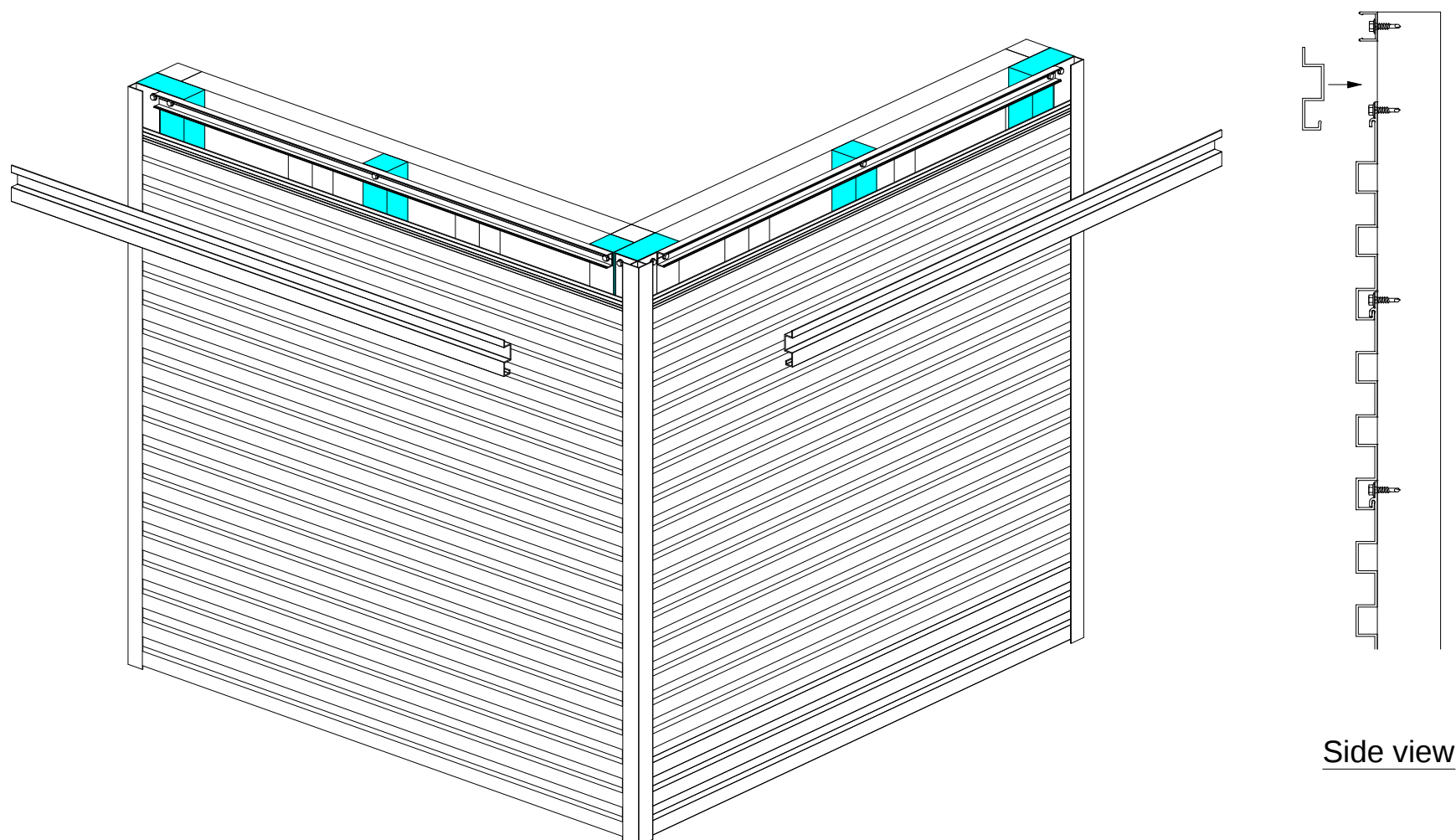
- (a) Measure and cut the first cladding board, when cutting the board make sure the board can slide in between trims.
- (b) Install the board by fixing to starter trim and screwing with 10g (4.8mm) hex head or flat head self drive screws to suit. Ensure the cladding boards are fixed at maximum 600 mm centres or as required by project specific wind loads.

Note that this installation guide demonstrate the cladding board ACCAST150, same details will apply for ACCAST120 and ACCAST100 boards.



Step 4

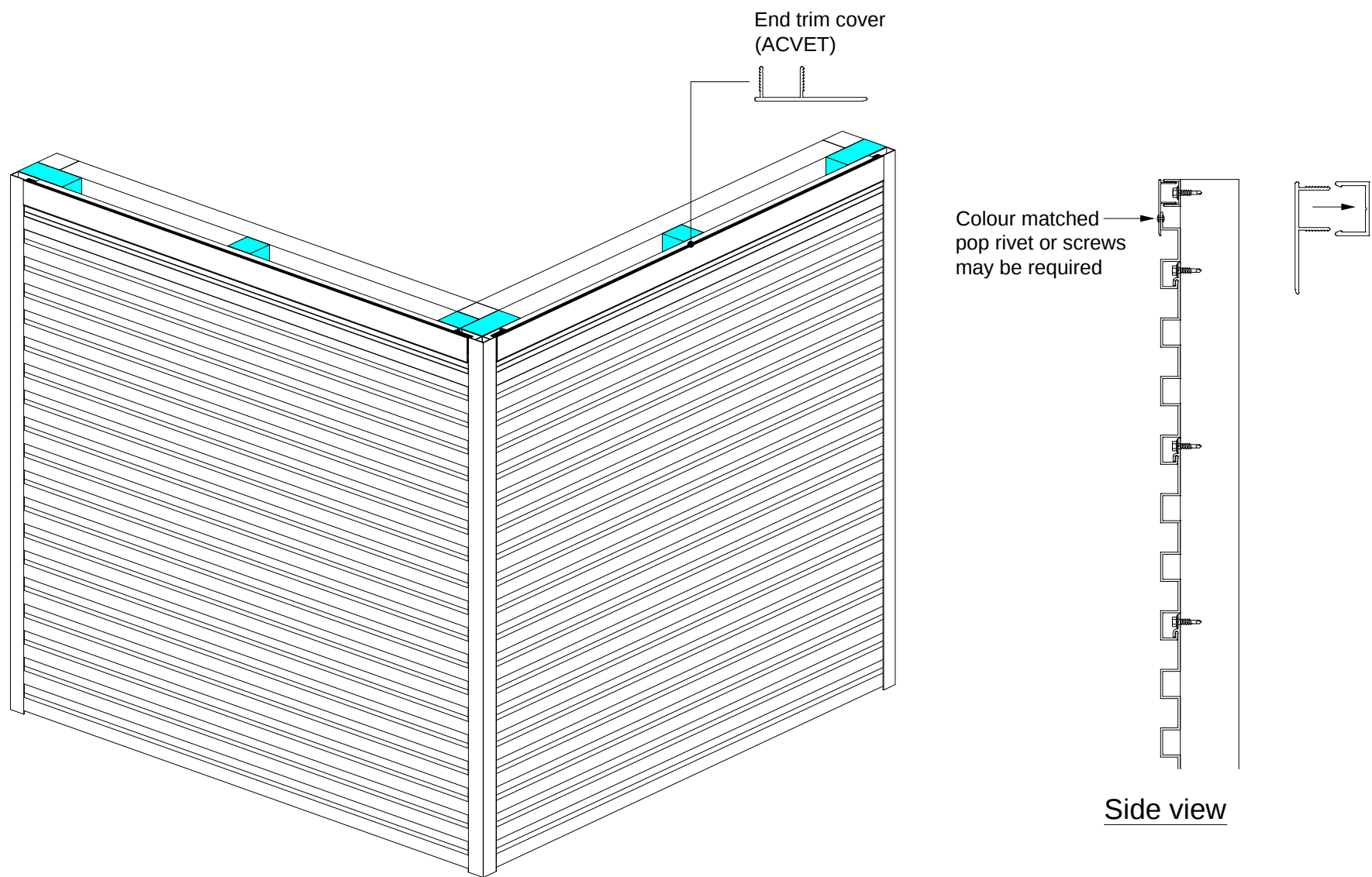
- (a) Repeat step 3 and install remaining cladding boards until the last one at top. This board may need to be trimmed to suit site measurement.



Horizontal application

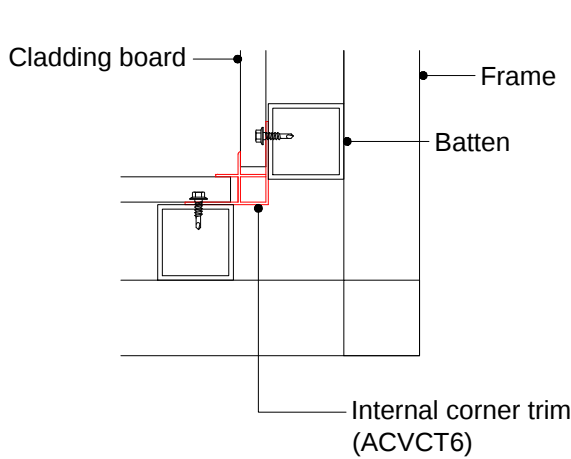
Step 5

(a) Measure, cut and install end trim cover (ACVET) by clicking to base. Ensure to fix this cover trim to the cut peice last board with pop rivet or screw as shown if required or if the cover trim does not perfectly grip the cut peice last board depending where the board is cut.

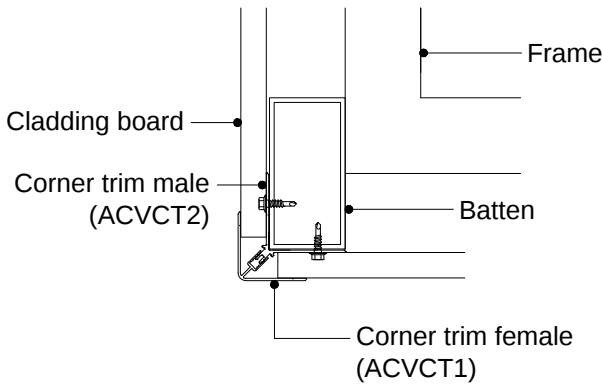


Horizontal application

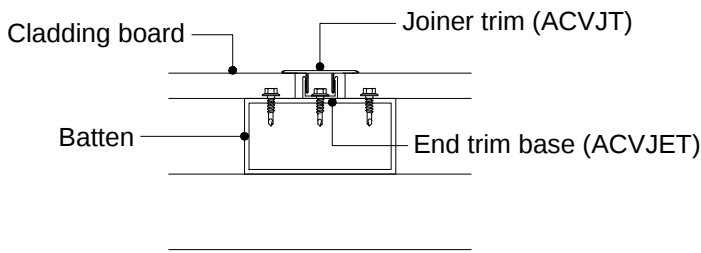
Additional details



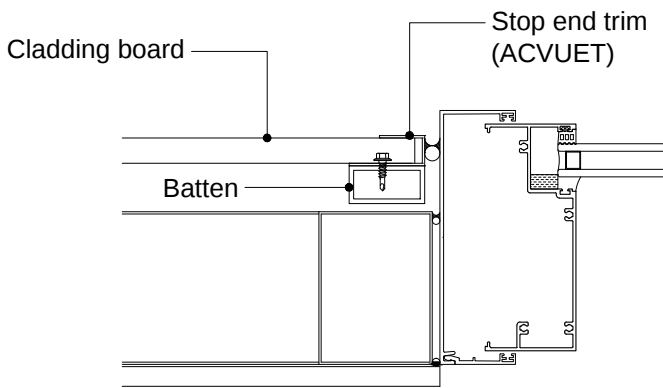
Internal corner (Top view)



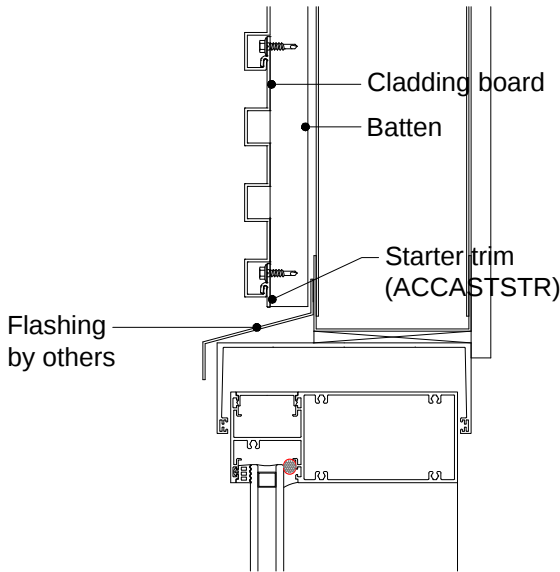
External corner (Top view)



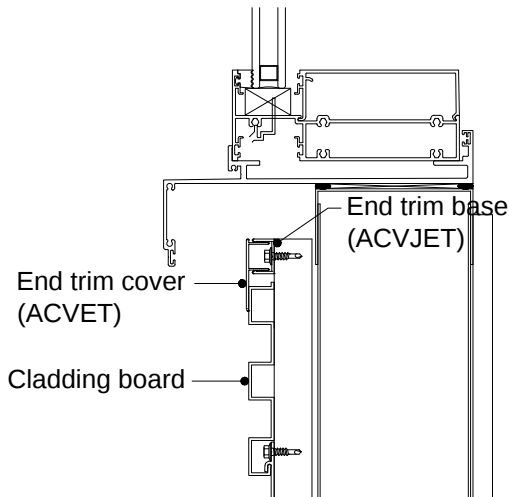
Vertical joint (Top view)



Window jamb (Top view)



Window head (side view)

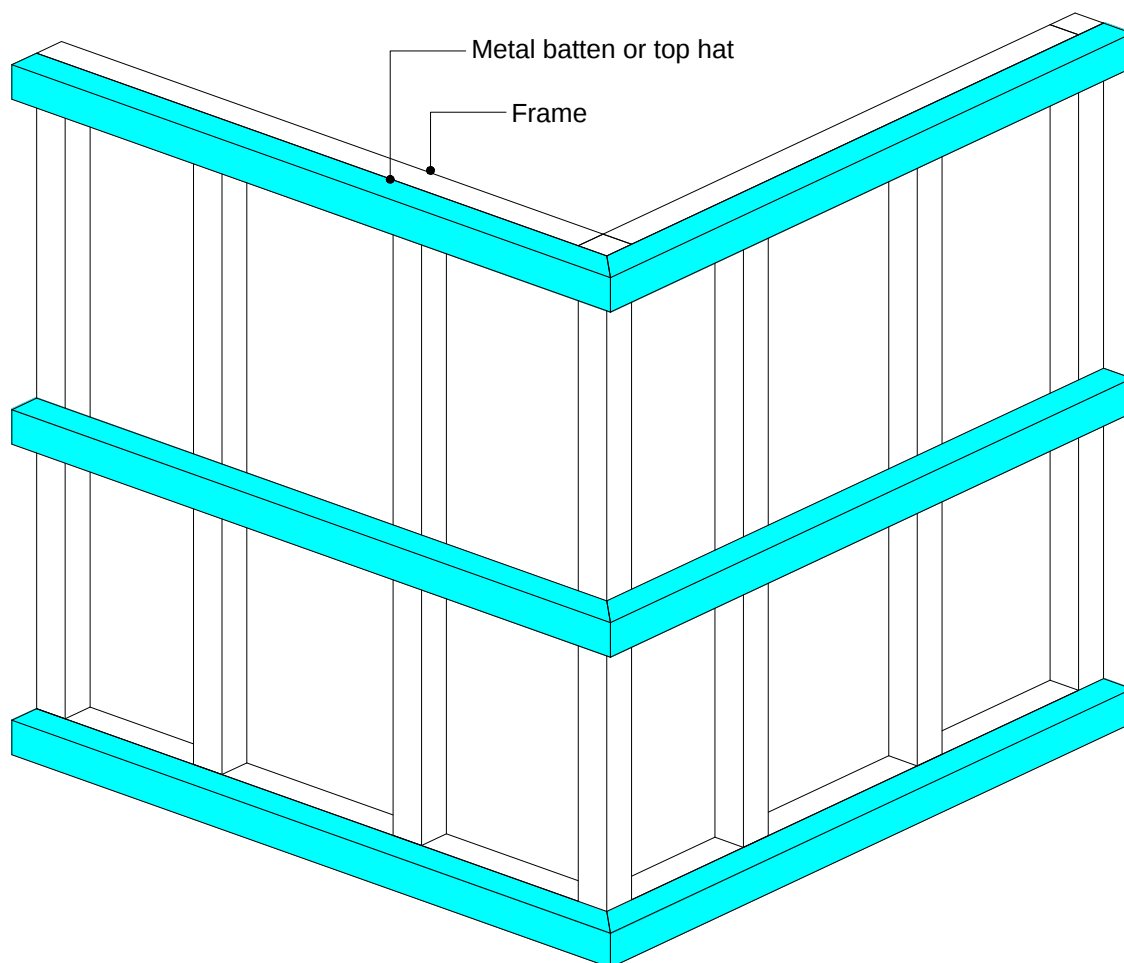


Window sill (Side view)

Vertical application

Step 1

After the completion of framing and building wrap to manufacturer's recommendations fix Metal batten or top hat horizontally at 600 mm centre spacing maximum. Building wrap not shown on sketch.

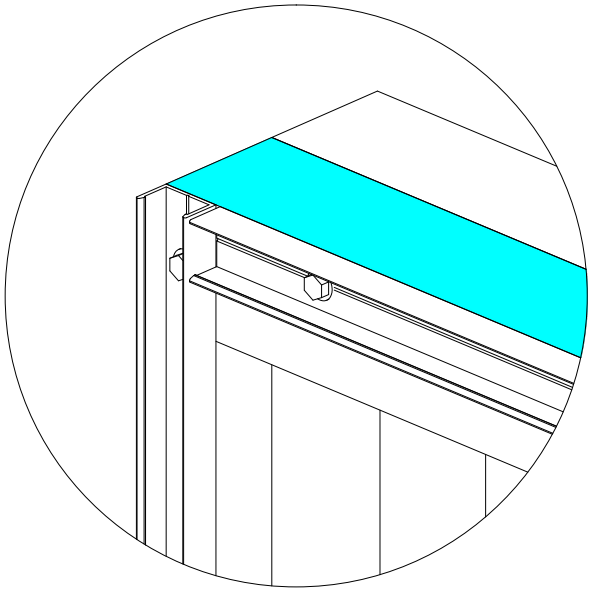
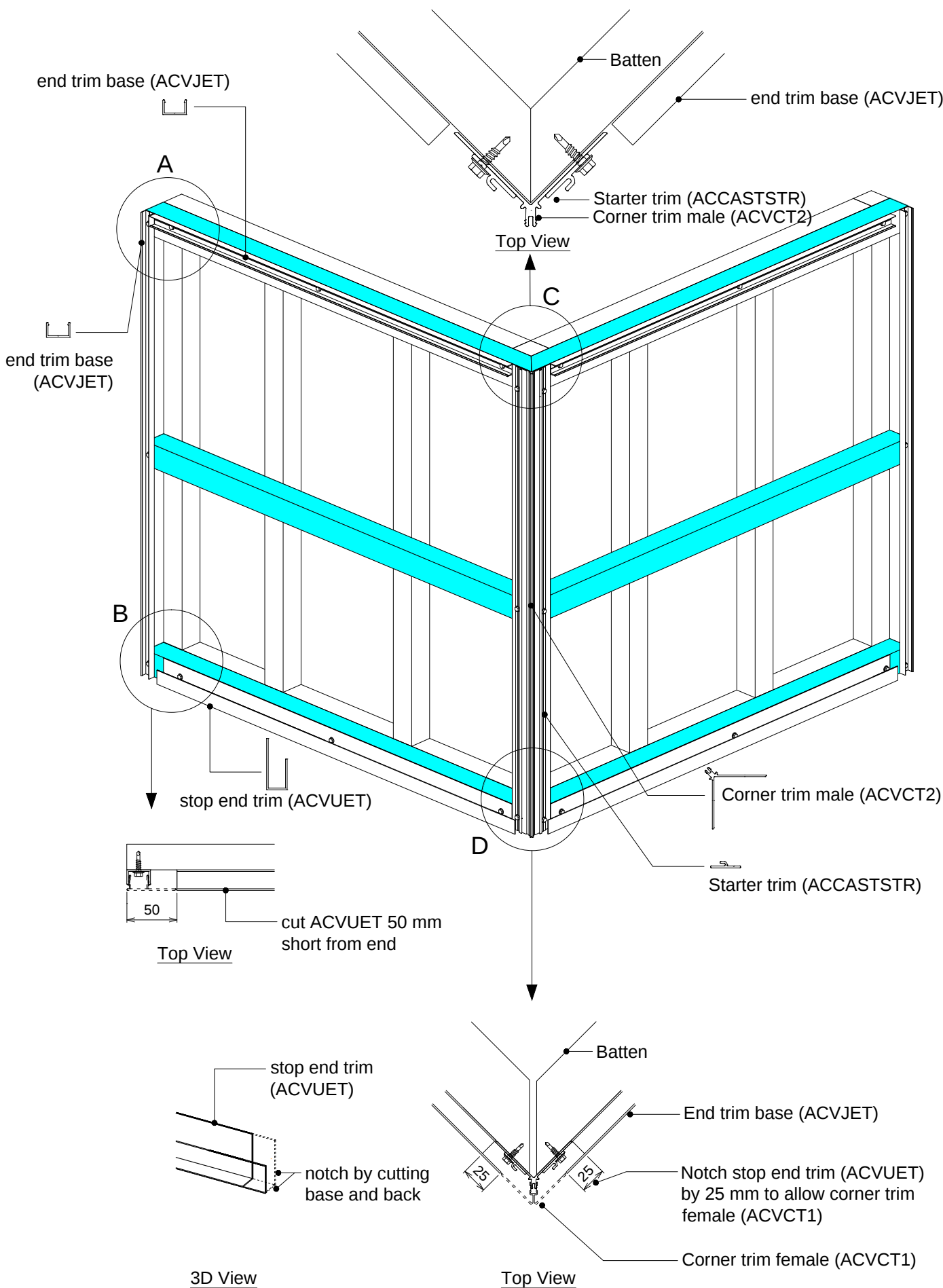


Vertical application

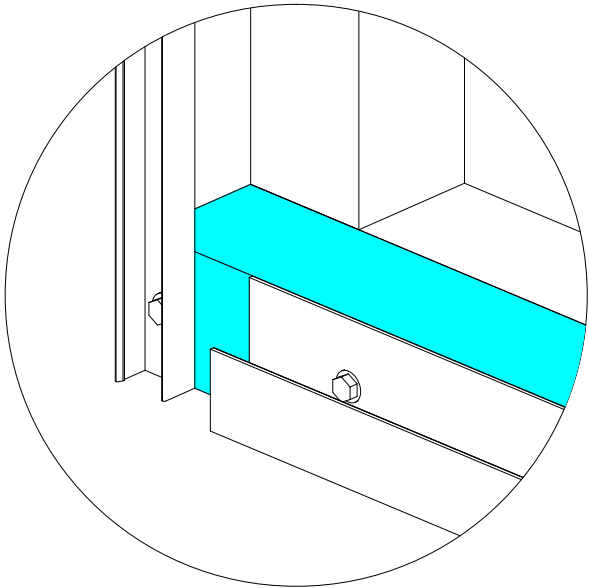
Step 2

- ((a) Measure and cut corner trim male (ACVCT2) & starter trim (ACCASTSTR)
- (b) Place corner trim male (ACVCT2) and then starter trim (ACCASTSTR) on top, then screw fix to batten or top hats.
- (c) Measure, cut and install cladding trims including end trim base (ACVJET), stop end trim (ACVUET) as shown. When applying stop end trim (ACVUET) at the bottom of cladding (detail B), the rear and bottom of this channel needs to be notched as shown on detail D. Alternatively, end trim base (ACVJET) and end trim cover (ACVET) can be used as shown on detail C.

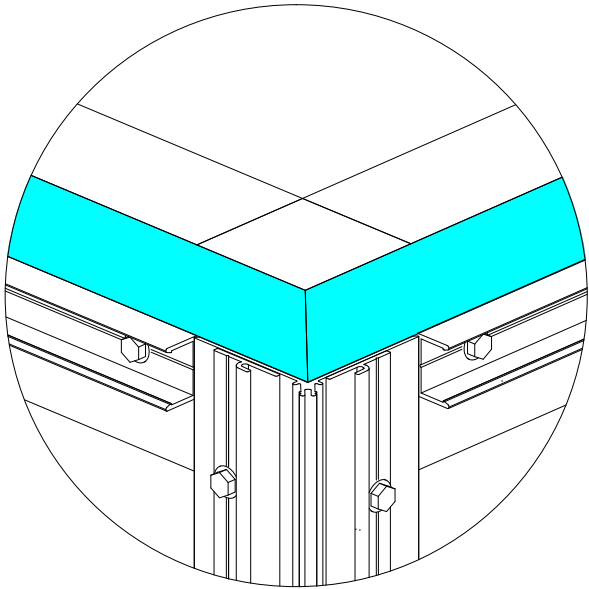
Note:
Use 10g (4.8mm) hex head or flat head self drive screws as required, ensure the trims are fixed at maximum 600 mm centres or as required by project specific wind loads.
The trims are designed to be interchangeable for you to allow customize to your specifcn needs. The application shown here represents a typical situation. Refer page 12 for more details.



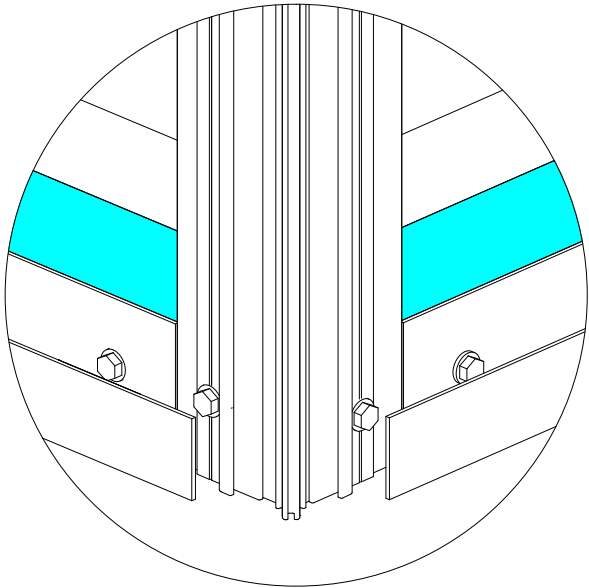
Detail A



Detail B



Detail C



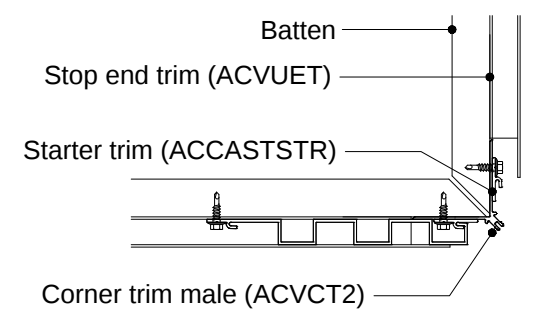
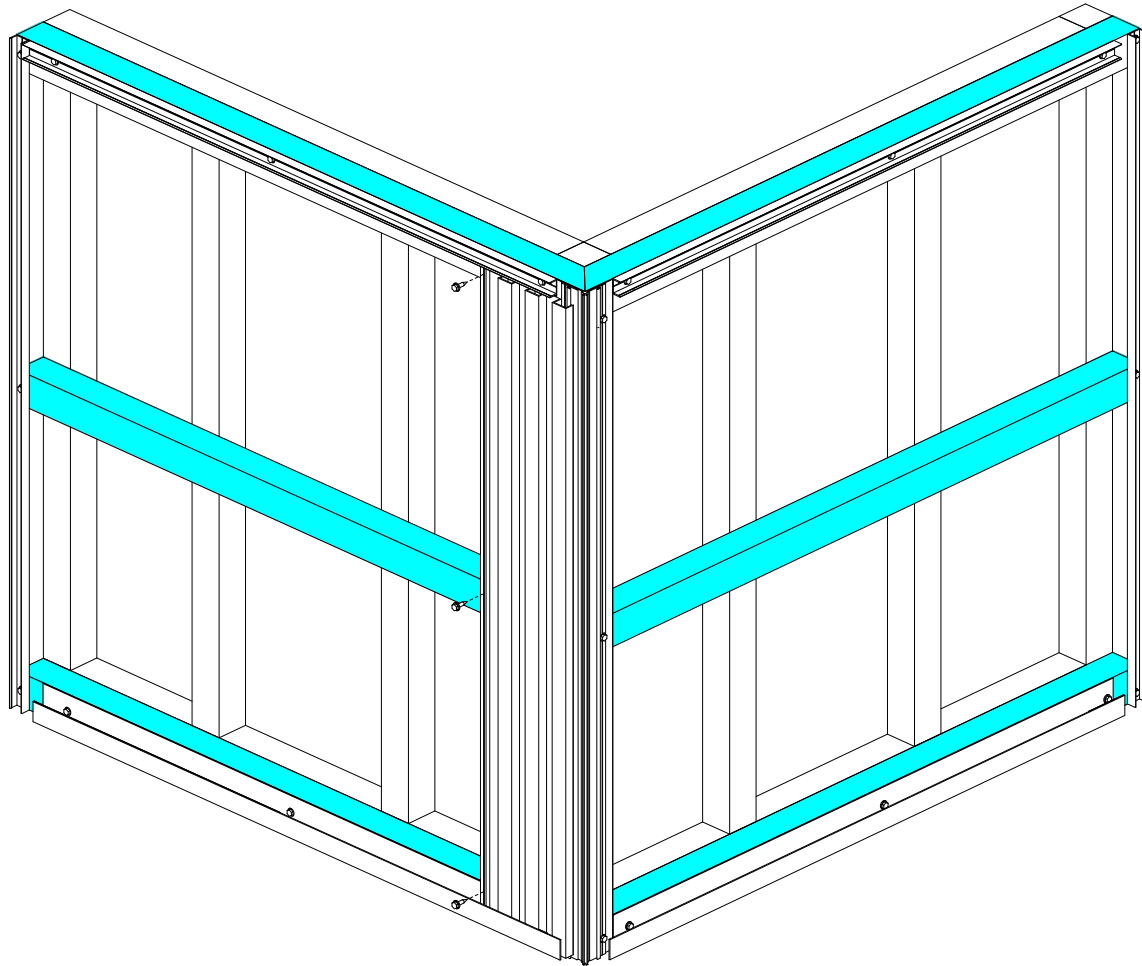
Detail D

Vertical application

Step 3

(a) Measure, cut and install first cladding board fixing to starter trim and fix 10g (4.8mm) hex head or wafer head self drive screws on other side. Ensure the cladding boards are fixed at maximum 600 mm centres or as required by project specific wind loads.

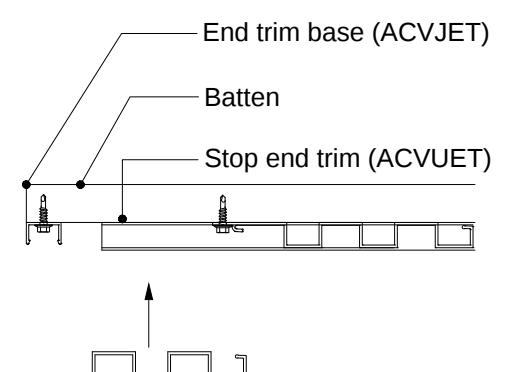
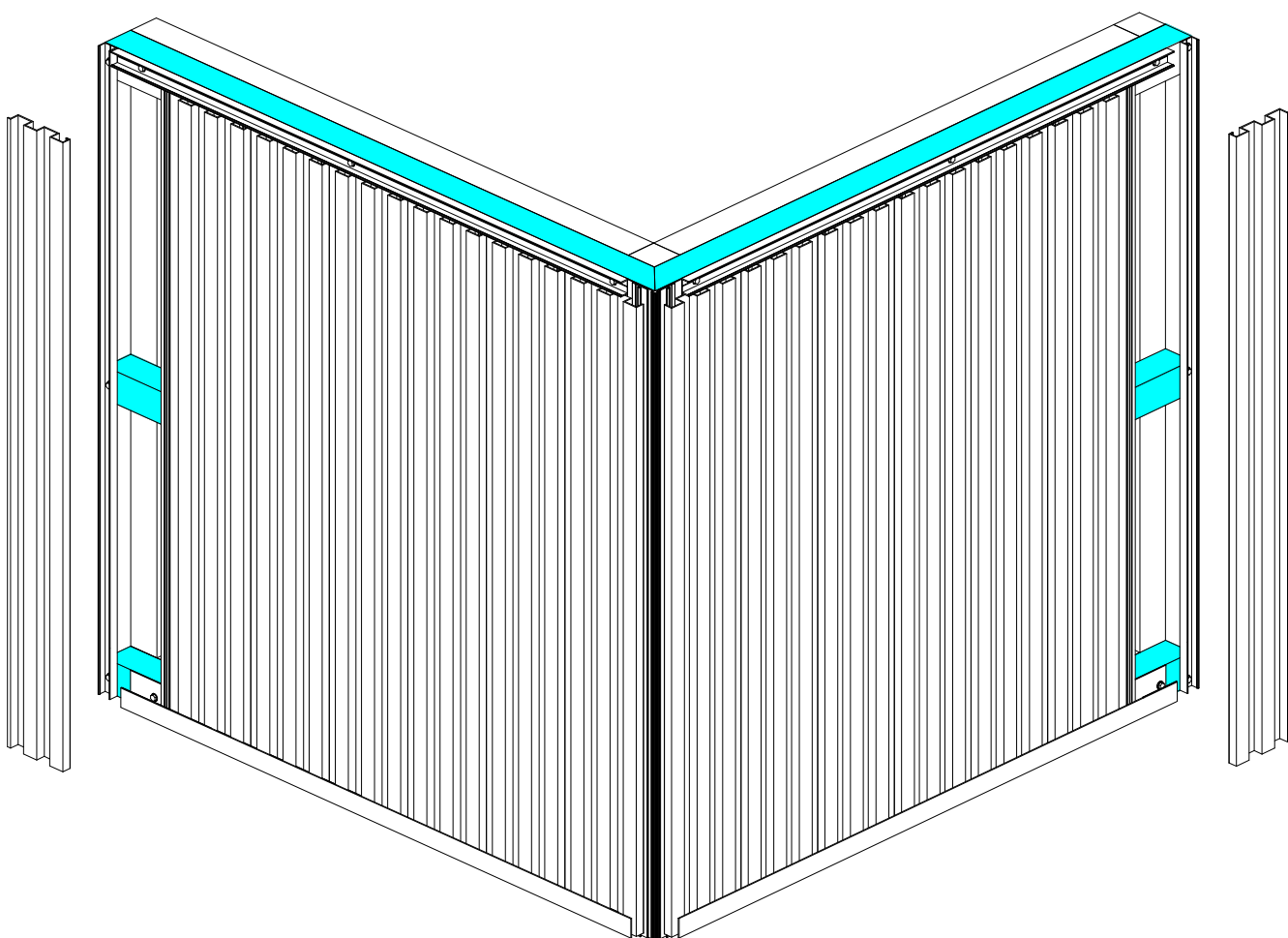
Note that this installation guide demonstrate the cladding board ACCAST150, same details will apply for ACCAST120 and ACCAST100 boards.



Top view

Step 4

(a) Repeat step 3 and install remaining cladding boards until the last one at the end. This board may need to be trimmed to suit site measurement.

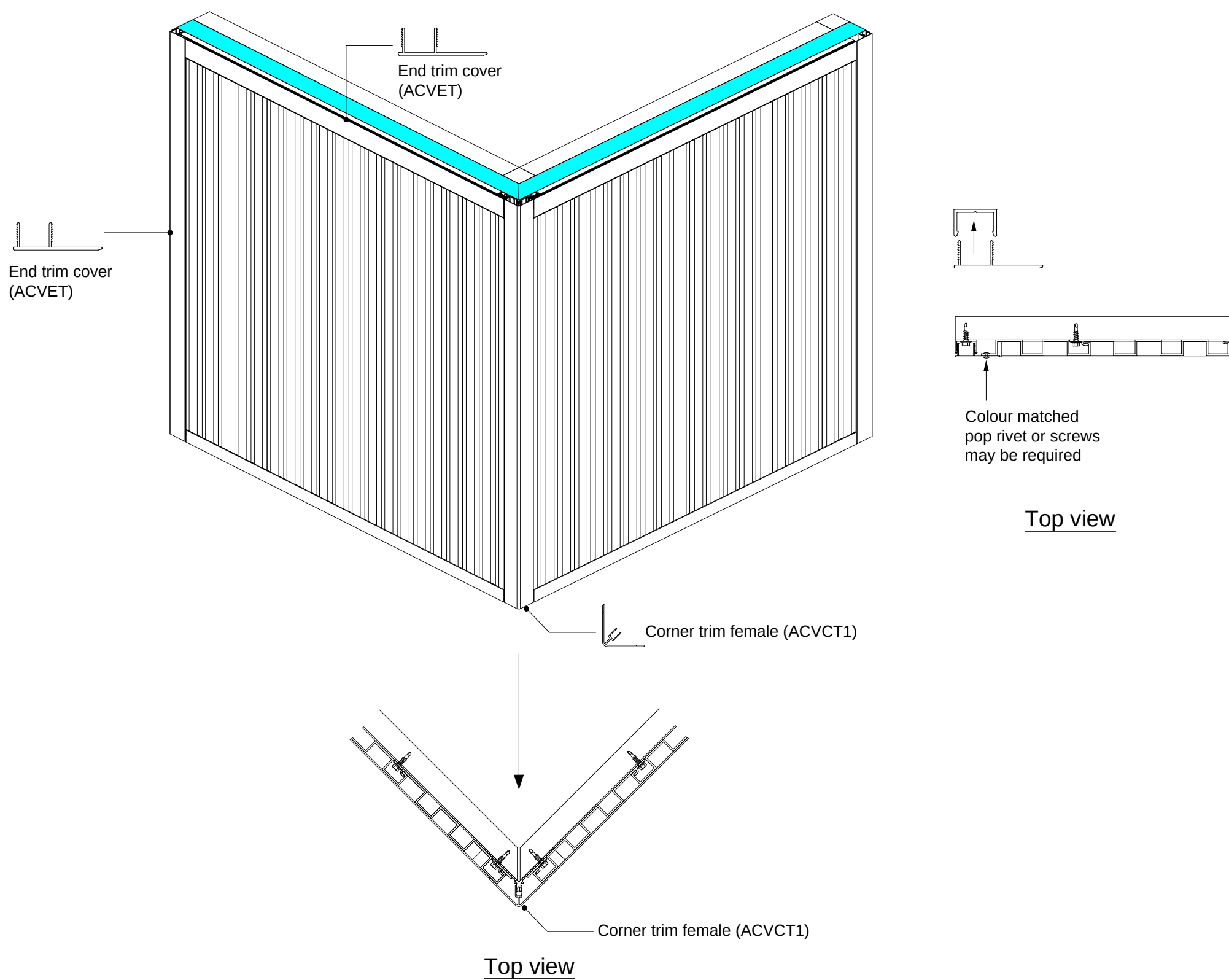


Top view

Vertical application

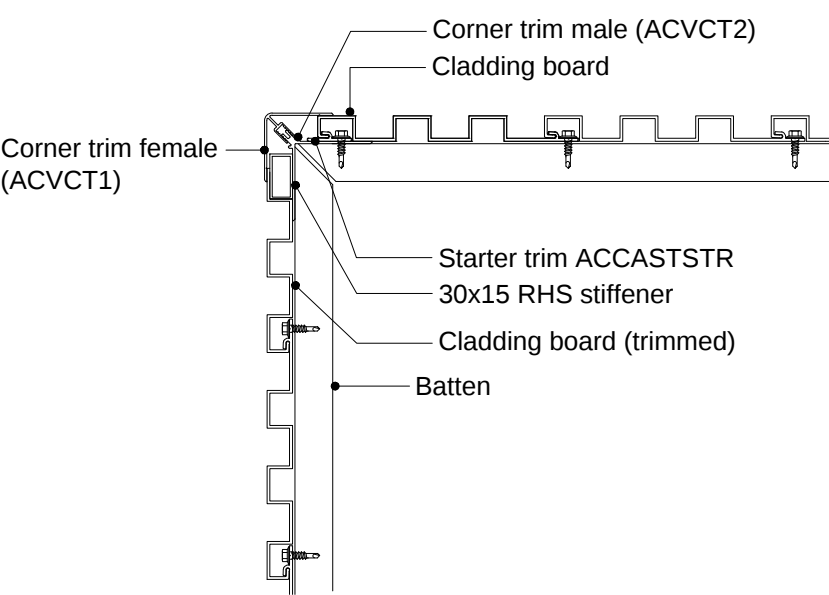
Step 5

(a) Measure, cut and install end trim cover (ACVET) and corner trim female (ACVCT1) by clicking to base. Ensure to fix end trim cover (ACVET) to the cut piece last board with pop rivet or screw as shown if required or if the cover trim does not perfectly grip the cut piece last board depending where the board is cut.

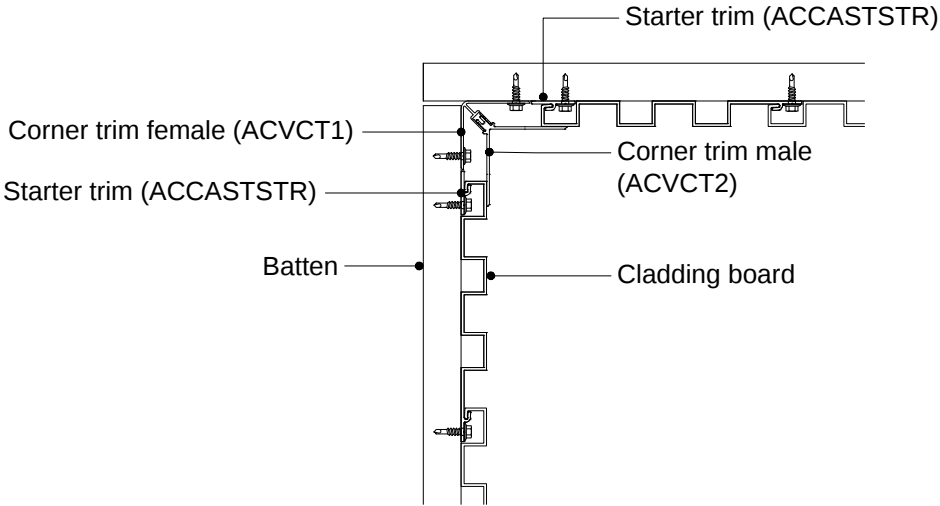


Vertical application

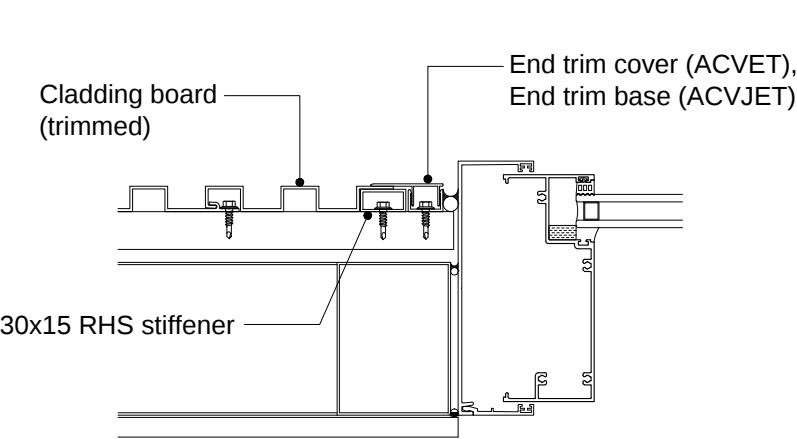
Additional details



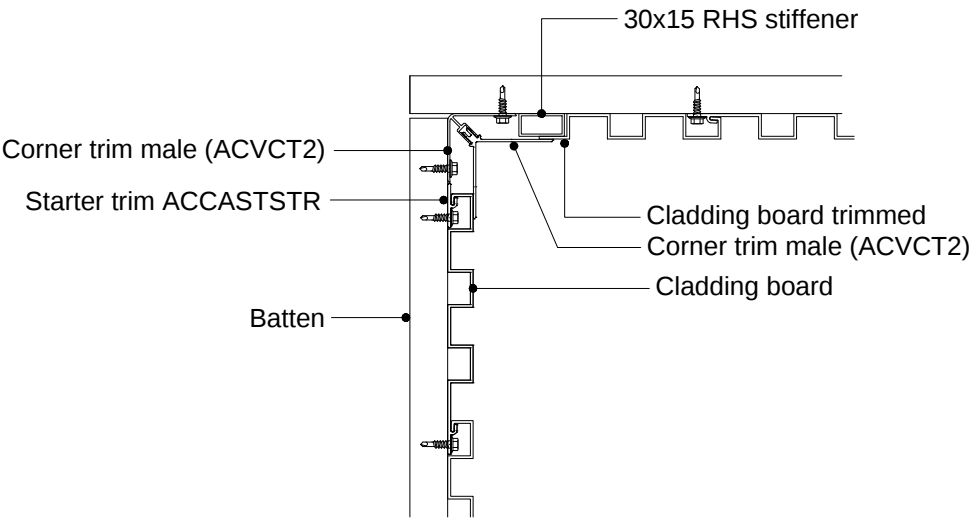
External corner alternative (Top view)



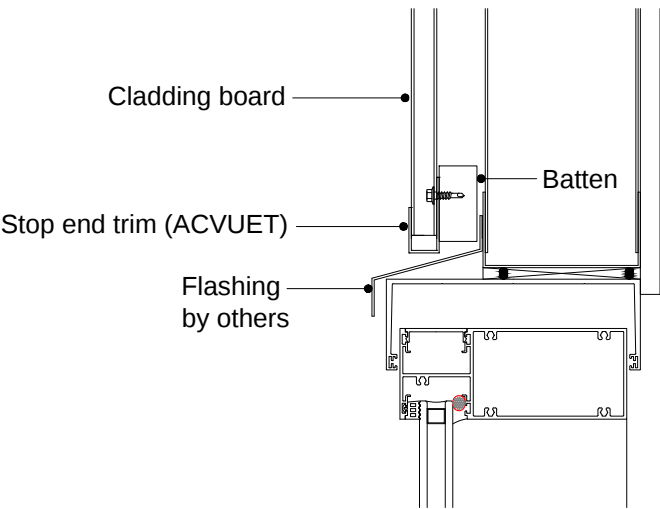
Internal corner (Top view)



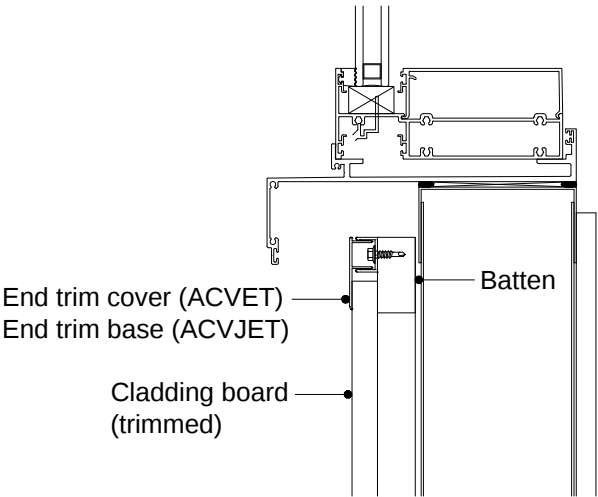
Window jamb (Top view)



Internal corner alternative (Top view)



Window head (side view)



Window sill (Side view)