

# DecoPost<sup>TM</sup> Cover

## Installation Guide

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# Introduction

## Performance

As part of Deco's commitment to compliant building products, the DecoPost™ systems have been designed to meet Australia's stringent building standards. The DecoPost™ range has been tested to and passed the following standards.

## Certifications

All testing has been done using the detail provided in this installation guide and in order to claim the performances set out here within, the detail in this guide must be followed. The testing body for the following standards is CSIRO.

### Description & Standard

- Combustibility test for materials - AS1530.1/CSIRO
- Determination of ignitability, flame propagation, heat release and smoke release - AS/NZ1530.3/CSIRO
- Heat and smoke release rates for materials - AS3837/CSIRO

DecoPost™ is also compliant with the NCC Non-Combustible building elements. (C2D10 (6)(e) Non-Combustible building elements)

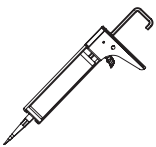
## Suggested Installation Tools



### Screw/Rivets

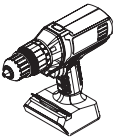
Metal – colour-matched pop rivets or self drilling TEK screws

Wood support – counter sunk screws with stem.



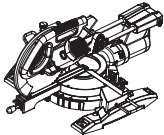
### Sealant/Adhesive

Deco recommends the use of high-quality sealant and adhesives.



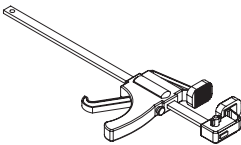
### Impact Driver

A high-quality Impact Driver with an appropriate driver bit is recommended for fixing all extrusions to the building structure.



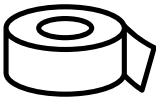
### Mitre Saw

A high-quality Mitre Saw equipped with an aluminium cutting blade is recommended for cutting the posts to length and trimming the batten ends.



### Clamps

High-quality clamps with a minimum 130mm or 195mm span (depending on the size of the Post Cover) may be needed to assist in snapping the Post Cover together.



### Double-sided Tape

A high-quality double-sided tape may be required to perform an adhesive fix.

# Preparation

## Installation Surface

For the best results, the DecoPost™ Cover should be installed onto clean, flat posts. If major imperfections exist, the post should be cleaned and flattened before installation.

## Processing of DecoPost™ Cover

**WARNING** - Personal Protective Equipment should be worn during installation. Processing of the DecoPost™ Cover in areas with excessive dust, sawdust, metal fines and/or shavings risks potential damage to the finished surface.

## Supporting Structure

Before installation, assess the post for cracks, splits, or damage. Apply pressure to test for excessive flexibility and feel for soft spots indicating decay or rot. DecoPost™ Cover is not designed as a structural member and the integrity of the post should be verified.



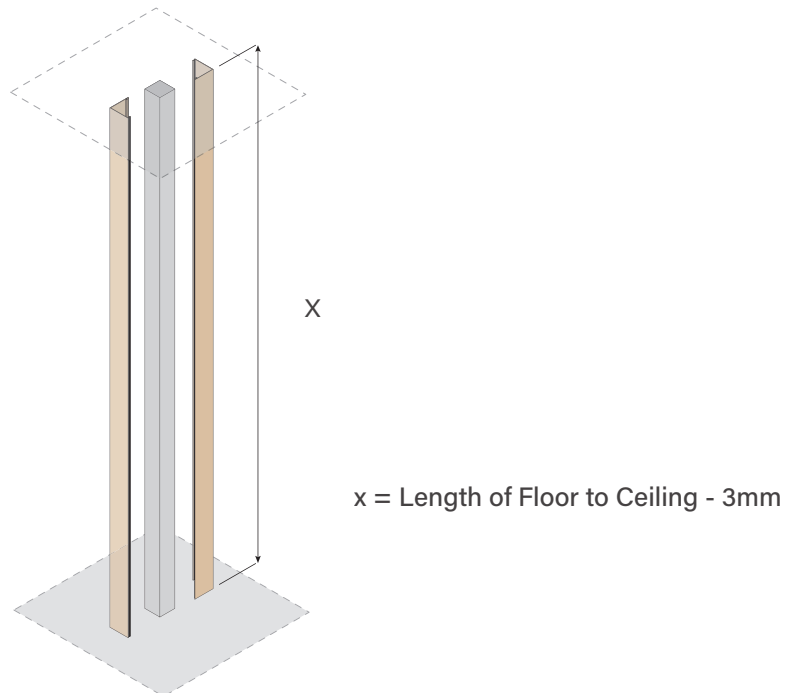
# Floor to Ceiling Post Cover

# Floor to Ceiling DecoPost™ Cover 109 Installation

1

## Measure and Cut the Post Covers

Measure the distance between the floor and ceiling, then cut two Post Covers to the same length, subtracting 3mm to allow for fitment. Ensure the cross-section of the post is no larger than 90mm in both directions, if so, shave/sand/grind post down.

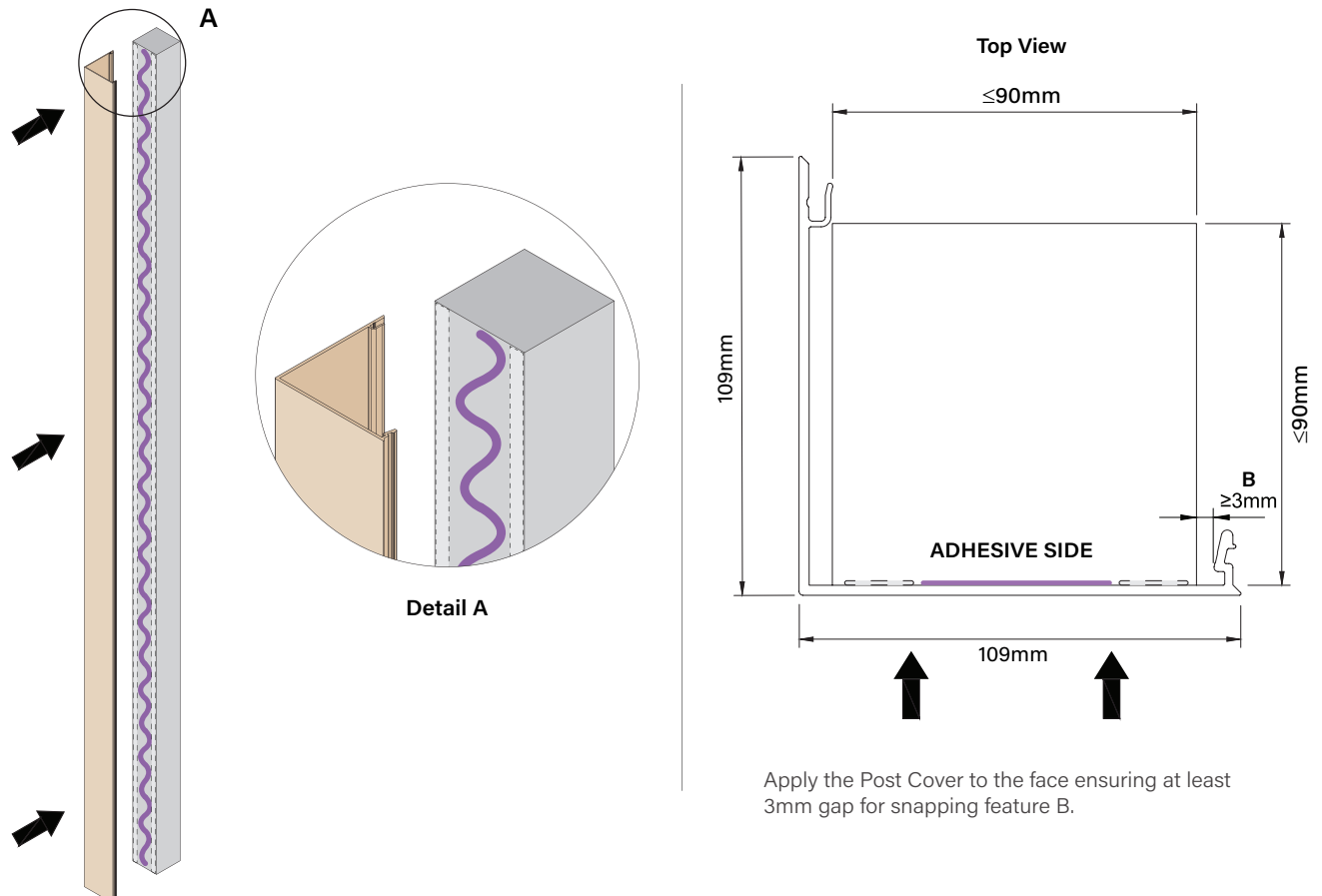


2

## Fix Post Cover

### Adhesive Fix

Choose one face of the post (the face you wish to be flush with the Post Cover). Apply a strip of double-sided tape to the left and right sides of that face. Now apply a high quality construction adhesive to the space between the two strips of tape. Wait until adhesive sets before proceeding to the next step.



## 2

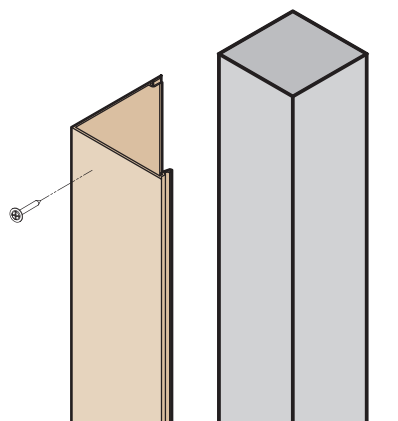
### Fix Post Cover (CONTINUED)

#### Mechanical Fix

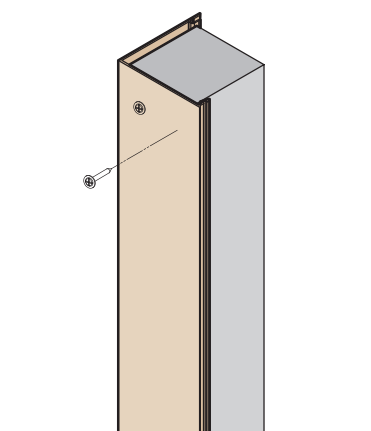
Position one of the cut Post Cover pieces with an internal face flush with the face of the post you wish to fix through. Depending on your post type use corresponding fixings below:

Metal post – colour-matched pop rivets or self drilling TEK screws.

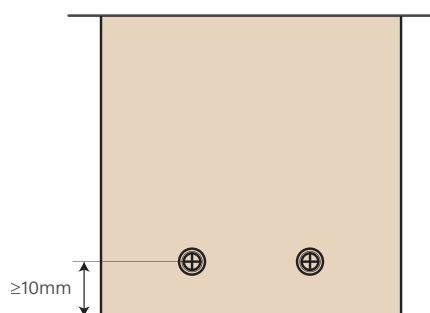
Wood post – counter sunk screws with stem caps.



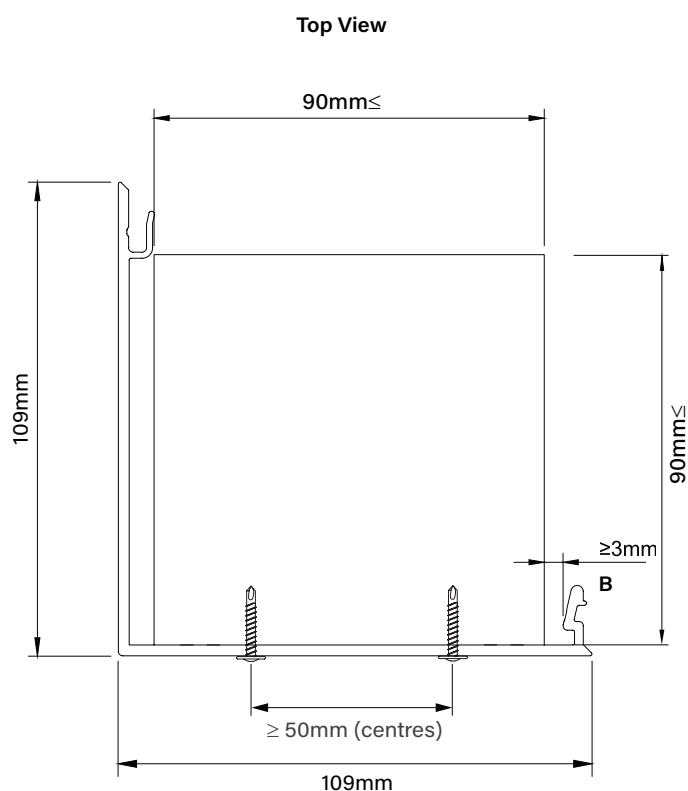
Starting at the top of the post, mechanically fix Post Cover, onto the post with one fixing.



Use a level to straighten Post Cover before putting second fixing in directly next to the first one (minimum 50mm gap, refer to diagram on the right).



Then fix Post Cover off at bottom. If you intend to install trim, ensure your fixings are no further than 10mm (centres) from the floor so that they will get covered.

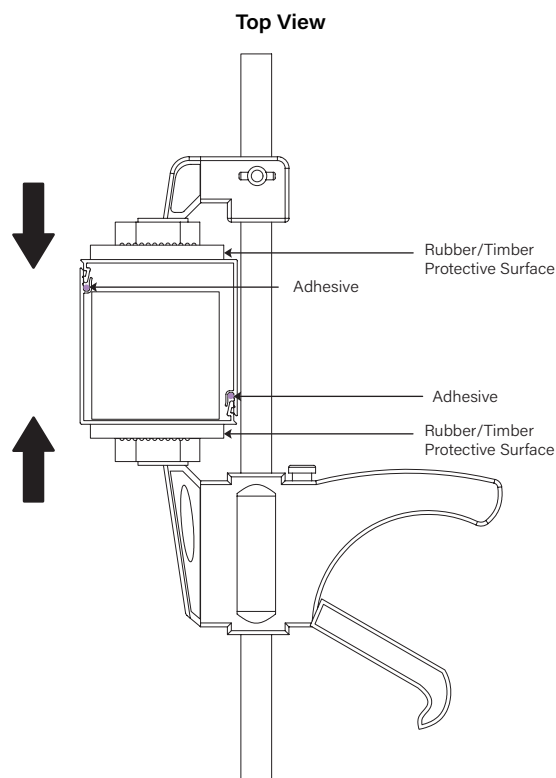
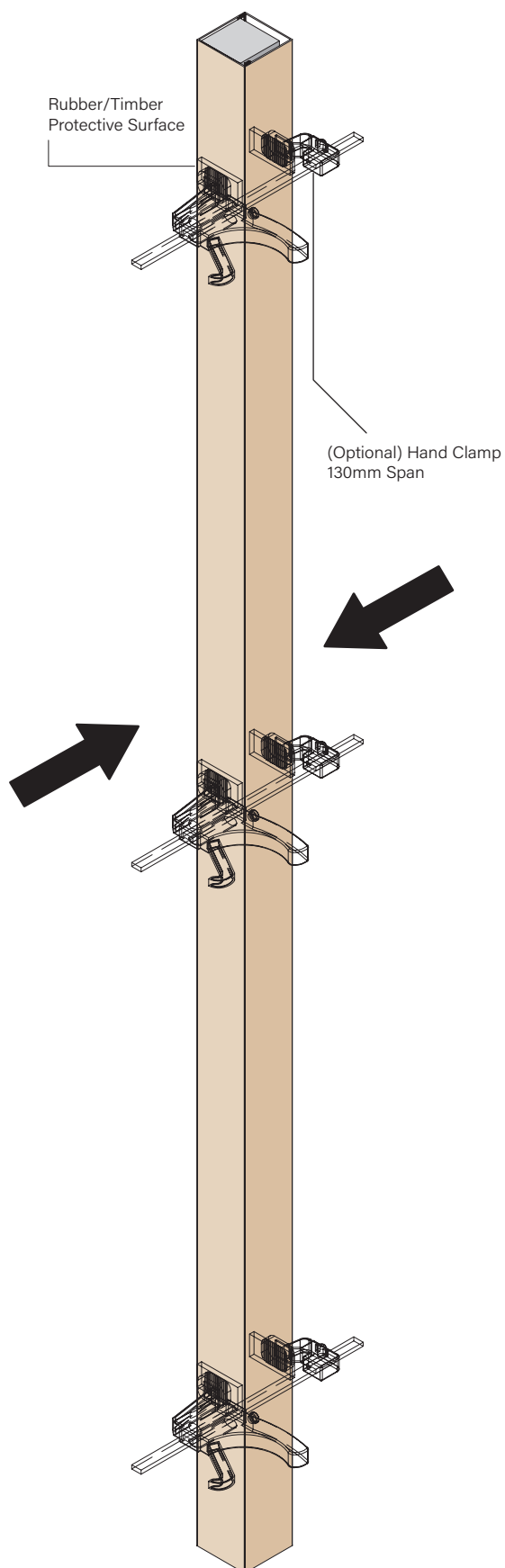


Apply the Post Cover to the face ensuring at least 3mm gap for snapping feature B.

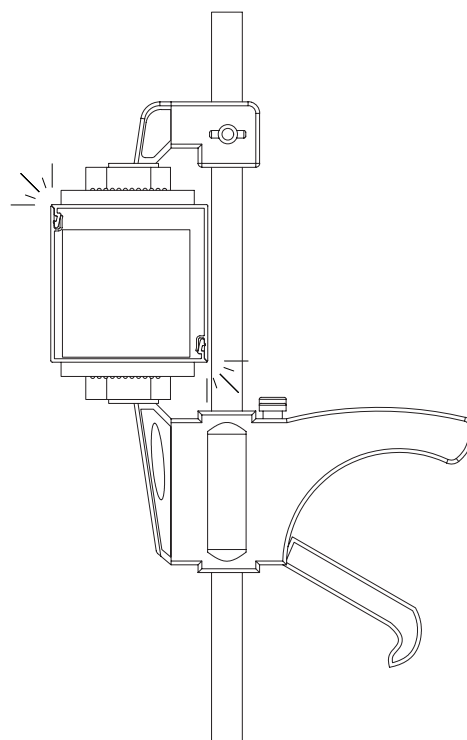
3

## Snap On the Remaining Post Cover

Apply adhesive into the snapping feature of both Post Cover halves. Then snap the two halves of the Post Covers together. Clamps may be used to aid the snapping, ensuring the surface is protected from the clamp surfaces with rubber or timber.



Clamps may be used to aid the snapping. Use a mallet to lightly tap all areas to ensure that it is fully interlocked. To protect the finish, rubber or timber blocks should be used.



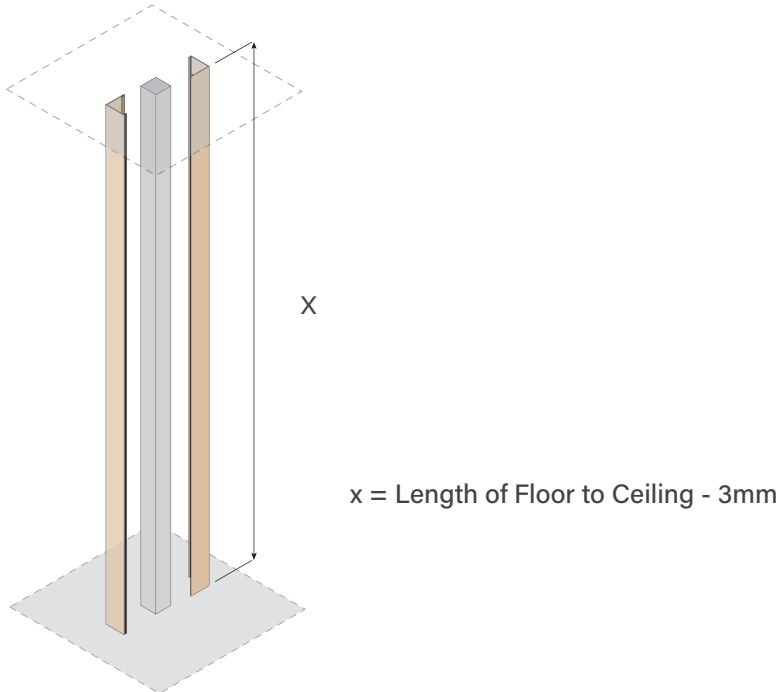
After snapping the Post Cover together, secure in place with tape or clamps until the adhesive has fully set.

# Floor to Ceiling DecoPost™ Cover 175 Installation

1

## Measure and Cut the Post Covers

Measure the distance between the floor and ceiling, then cut two Post Covers to the same length, subtracting 3mm to allow for fitment. Ensure the cross-section of the post is no larger than 150mm in both directions, if so, shave/sand/grind post down.

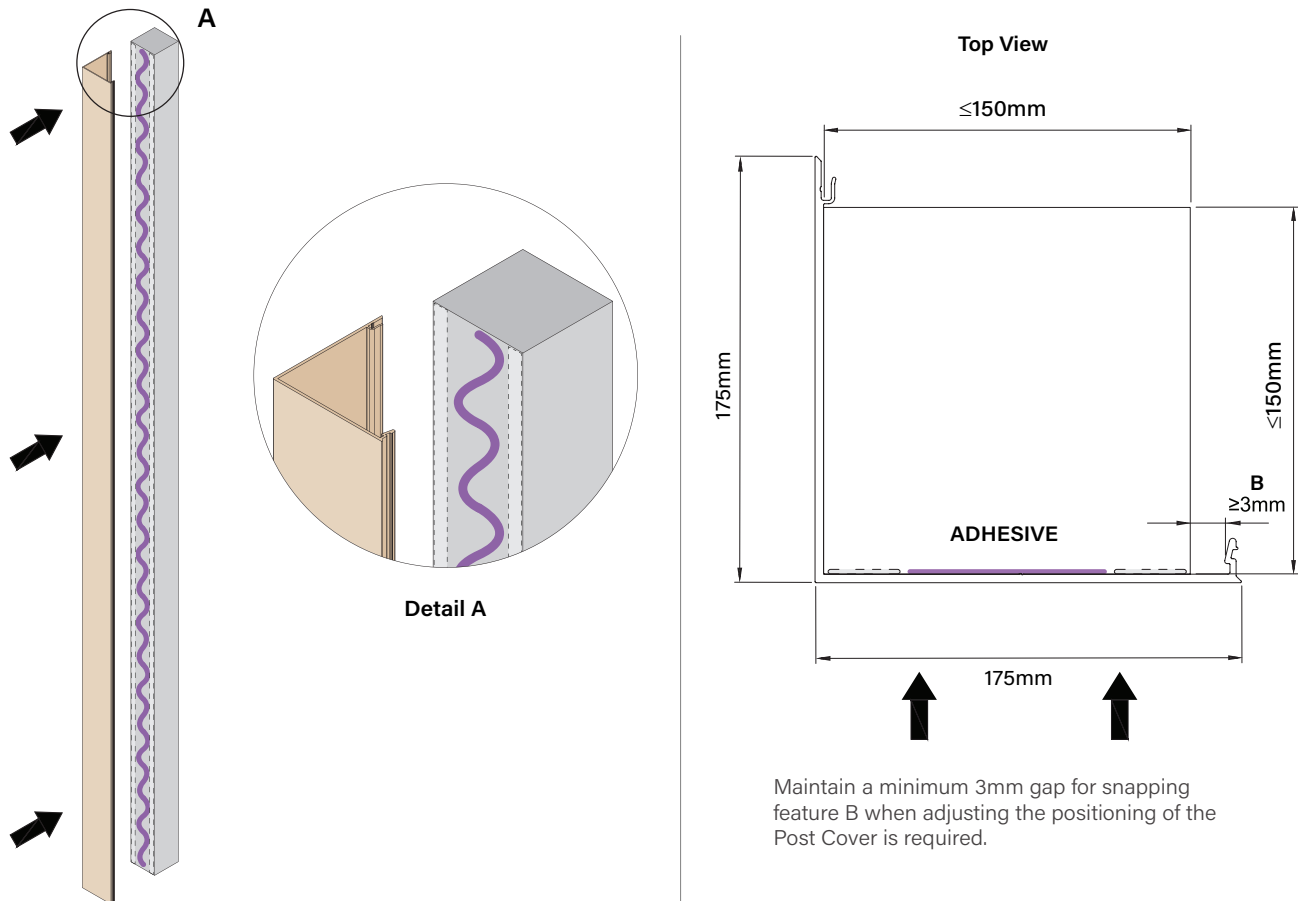


2

## Fix Post Cover

### Adhesive Fix

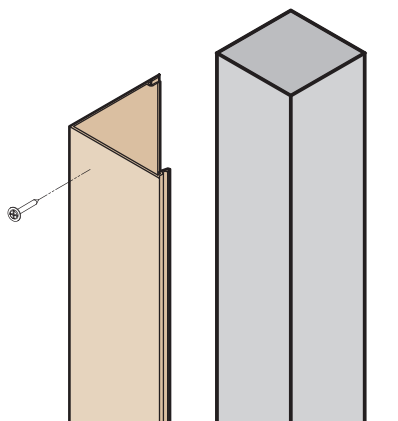
Choose one face of the post (the face you wish to be flush with the Post Cover). Apply a strip of double-sided tape to the left and right sides of that face. Now apply a high quality construction adhesive to the space between the two strips of tape. Wait until adhesive sets before proceeding to the next step.





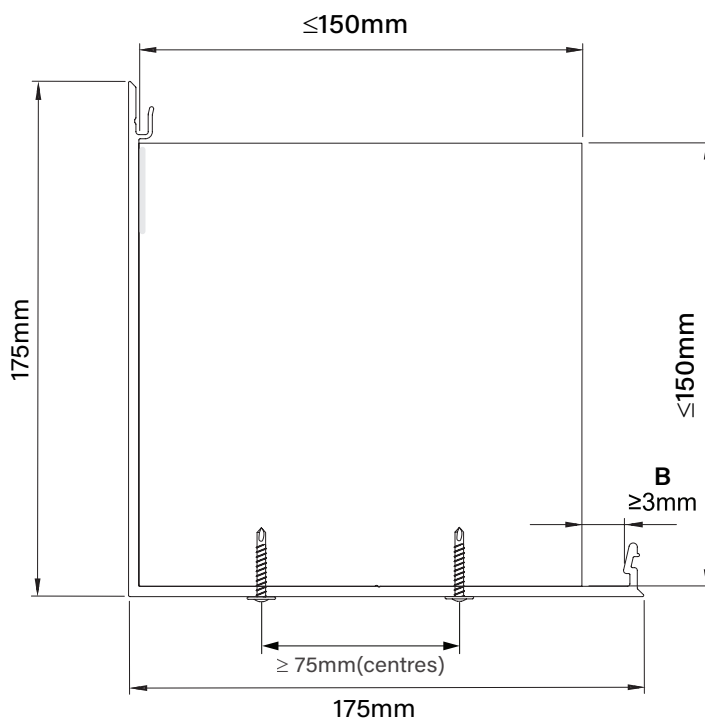
## Mechanical Fix

Metal post – colour-matched pop rivets or self drilling TEK screws.  
Wood post – counter sunk screws with stem caps.



Technical drawing of a wall section showing two circular openings with cross symbols. A dimension line indicates a vertical distance of at least 10mm from the bottom edge to the center of the openings.

### Top View

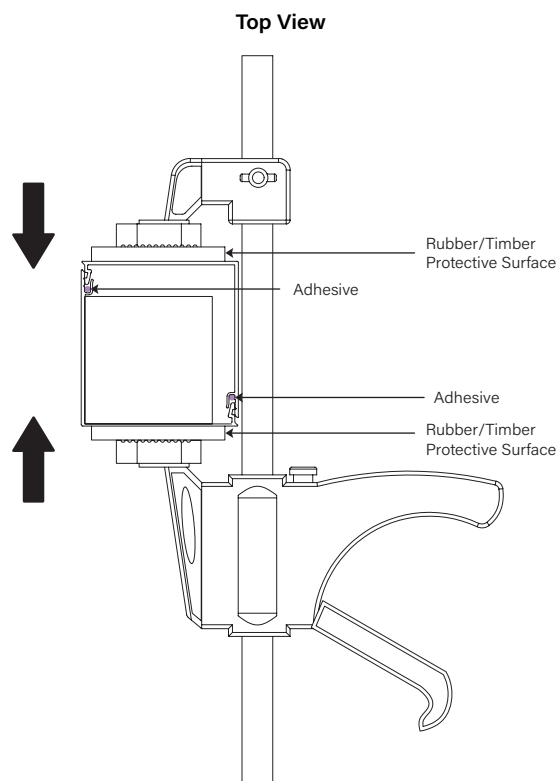
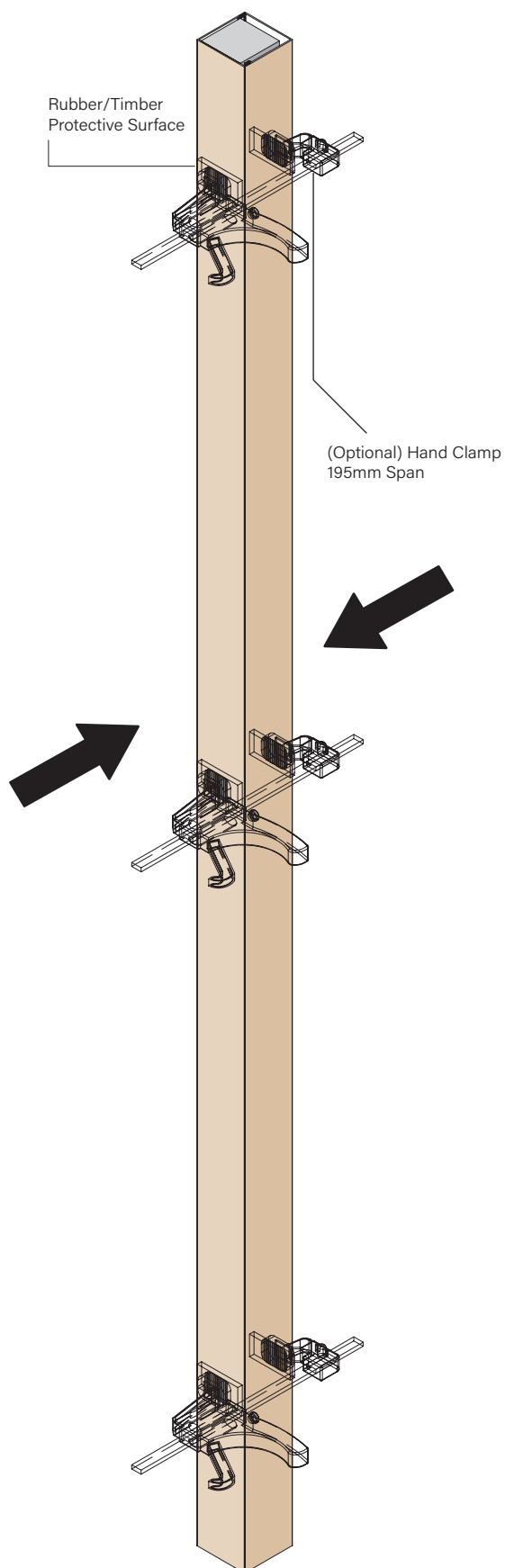


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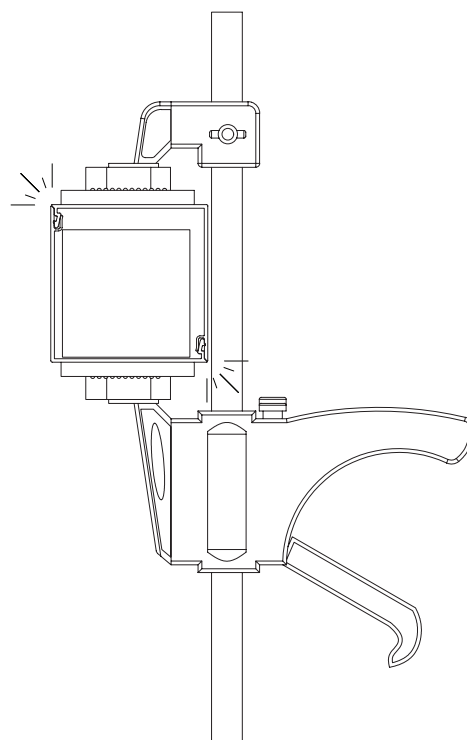
3

## Snap On the Remaining Post Cover

Apply adhesive into the snapping feature of both Post Cover halves. Then snap the two halves of the Post Covers together. Clamps may be used to aid the snapping, ensuring the surface is protected from the clamp surfaces with rubber or timber.



Clamps may be used to aid the snapping. Use a mallet to lightly tap all areas to ensure that it is fully interlocked. To protect the finish, rubber or timber blocks should be used.



After snapping the Post Cover together, secure in place with tape or clamps until the adhesive has fully set.



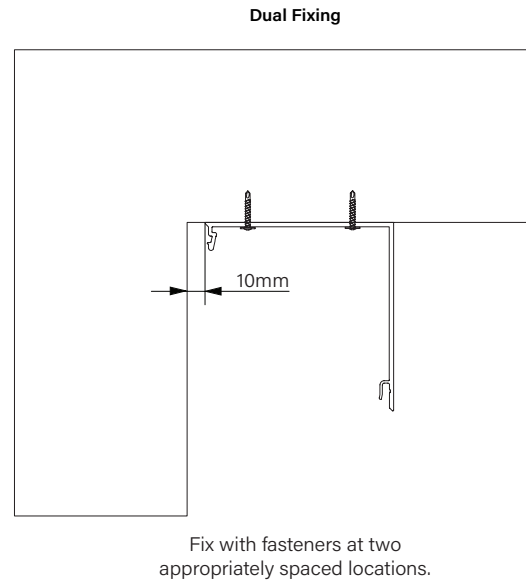
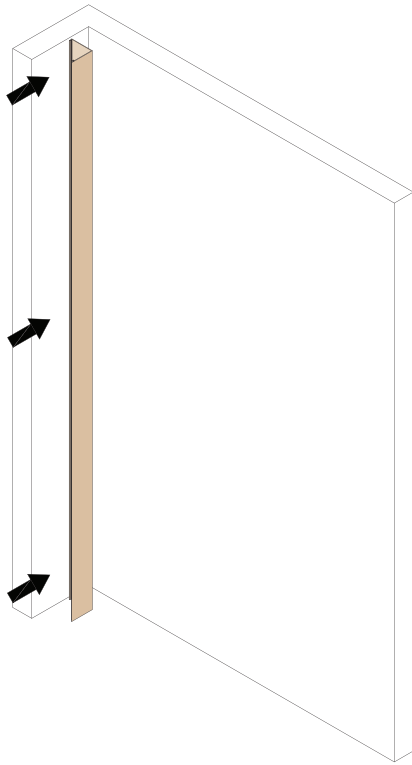
# Post Cover as a Batten

# Post Cover as a Batten

1

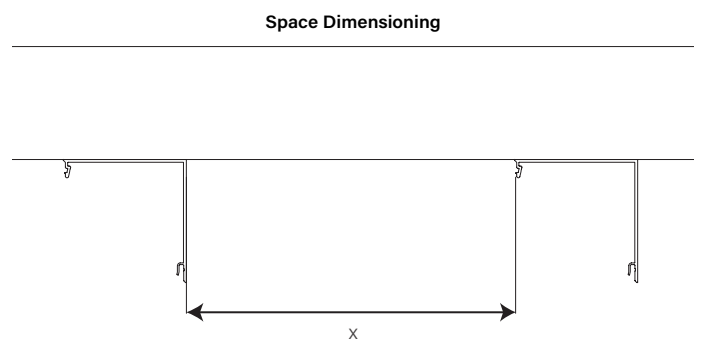
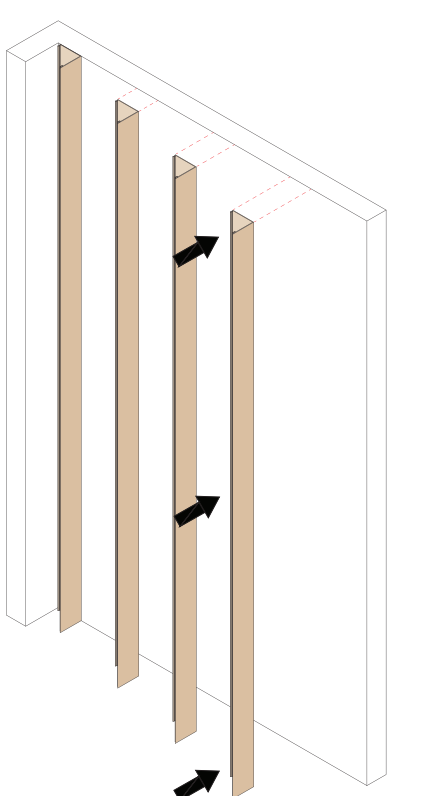
## Apply **ONE Half** of the Post Cover to the Supporting Structure and Fix as Required

If the post is to be installed flush to an end surface, ensure at least 10mm of clearance are provided to allow the Post Cover to click over the Post Cover base. To ensure a straight, consistent and parallel installation, it is strongly recommended that a level is used to position each Post Cover base. Deco recommends 600mm centres when fastening Post Cover to its supporting structure.

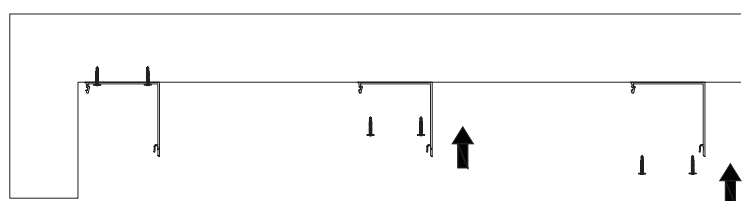


2

## Install additional Post Cover Halves and Fix as Required



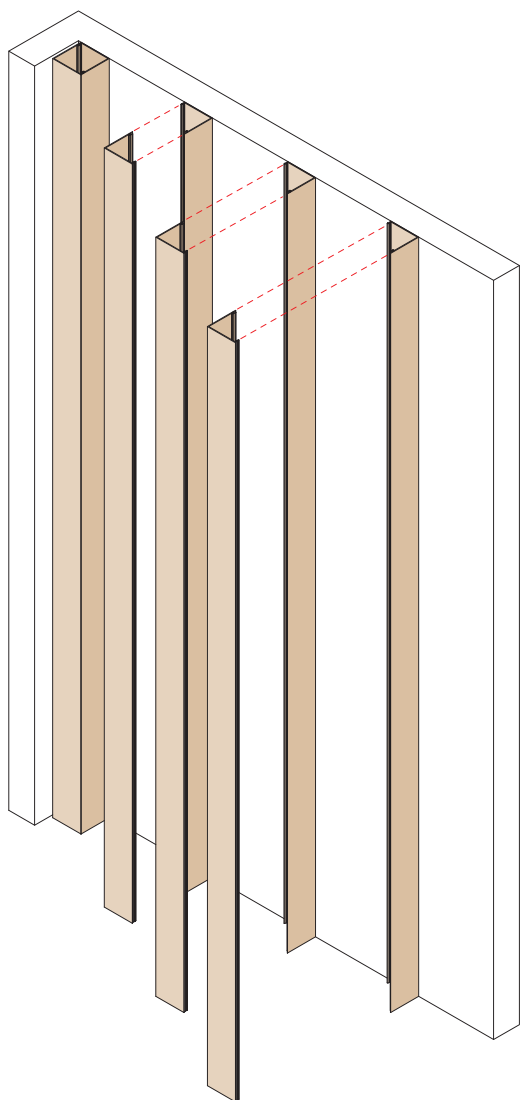
X (spacing between bases) = Desired finished spacing



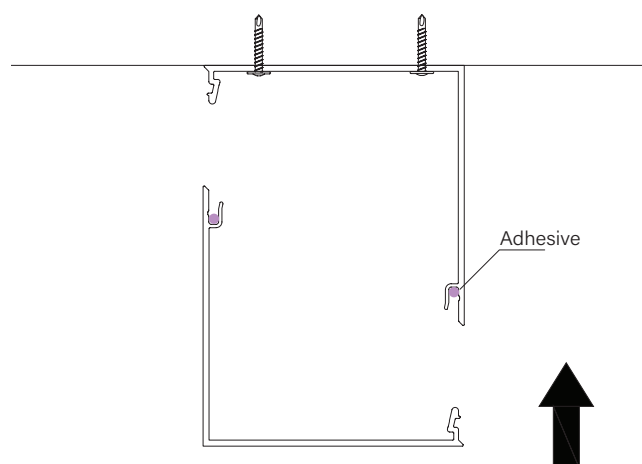
3

### Install additional Post Cover Half and Fix as Required

Apply adhesive into the snapping feature of both Post Cover, then snap the two halves of the Post Cover together. A rubber mallet may be used to snap the Post Cover in Post Cover base. Secure the Post Cover in place until the adhesive sets.



### Adhesive Fix



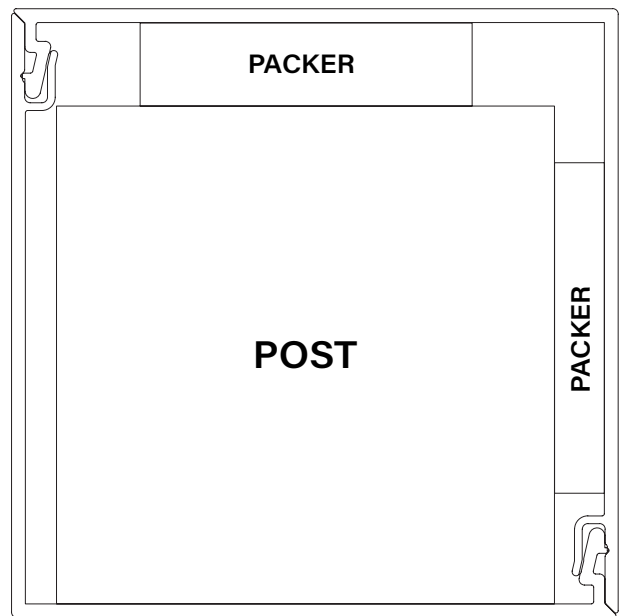


# Additional Details

# Packing Details for Post

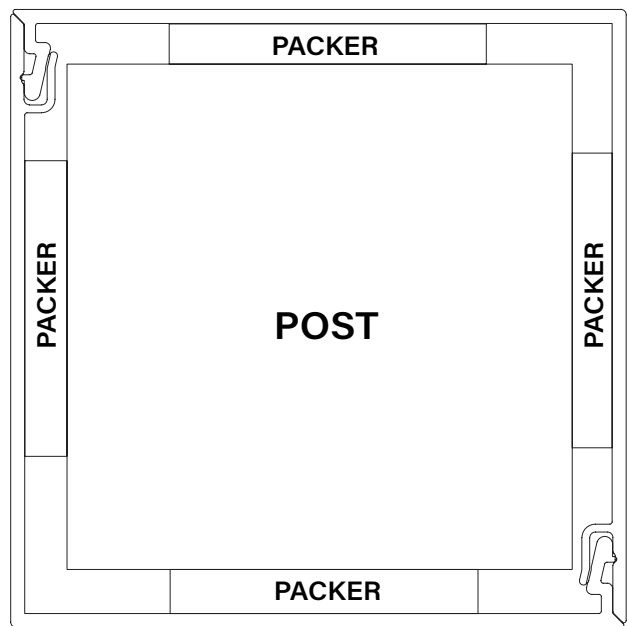
## Internal Packing Details for an Undersized Post

To achieve structural integrity for your post, you can measure the gap between the post and the Post Cover, then fill this gap with packers as illustrated in the diagram below.



## Internal Packing for Centering Posts within Post Cover

To maintain your existing post at the center of the Post Cover, we suggest using four packers of uniform width may be used to fill the space around all four sides of the post.



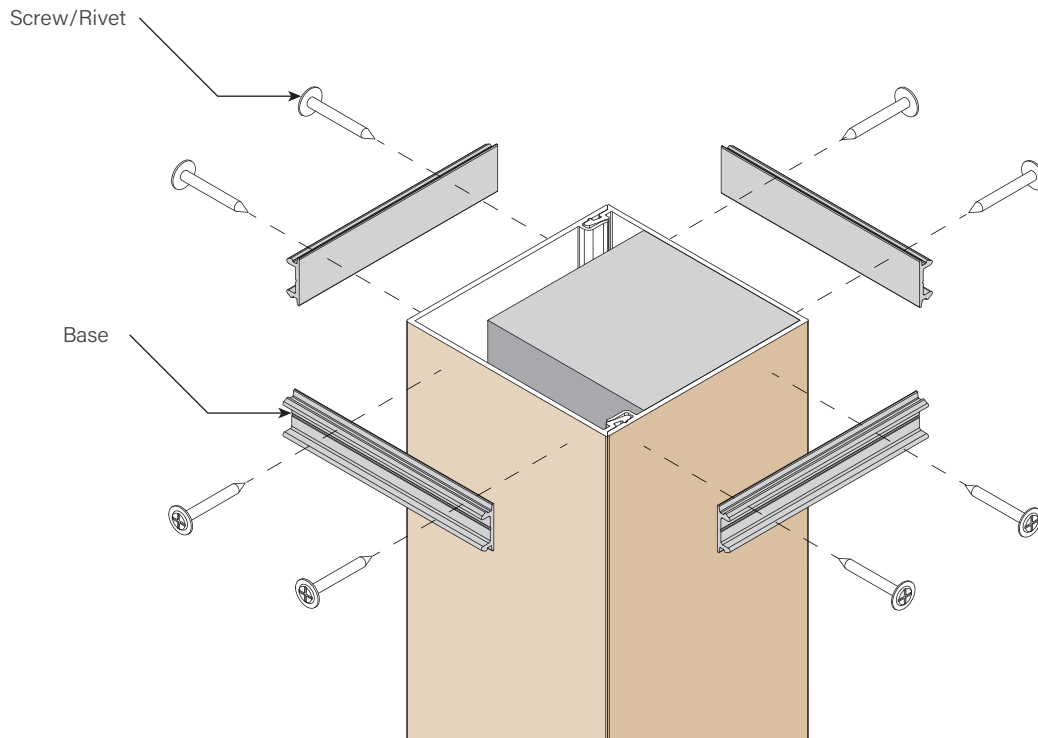
# Hidden Fixings/Post Trims for DecoPost™ Cover 109

**NOTE:** Deco's QuickClick® batten system functions effectively as a colour-matched trim. While the diagrams in this section illustrate applications using a 25mm profile, the same methods apply to Deco's 40mm and 50mm QuickClick® batten systems.

1

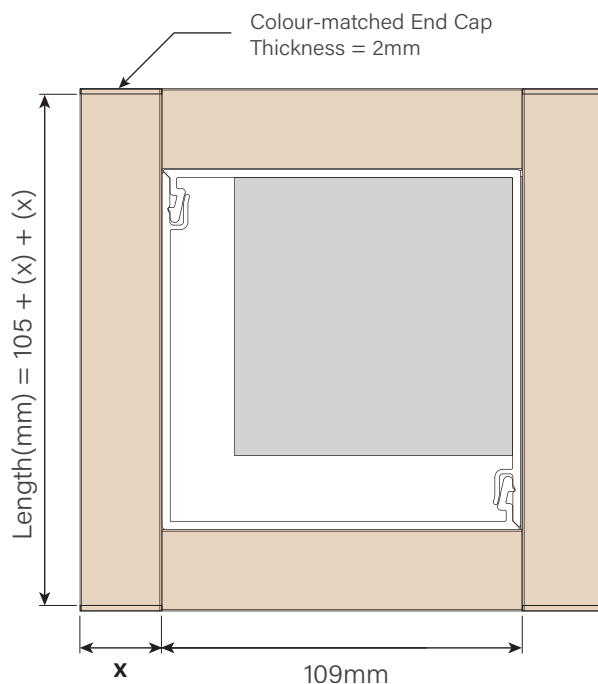
## Measure and Cut Bases

Cut four bases to a length of 107mm each. Install these bases into the Post Cover, ensuring there is a 2mm gap between the bases and your ceiling or floor to allow the cover to snap in place.



2

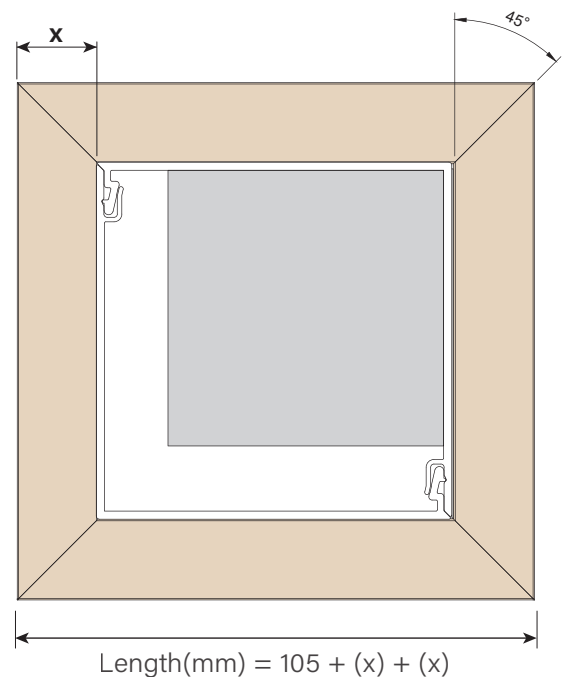
## Measure and Cut Covers



### End to End

Measure and cut two batten covers to a length of 110mm each and two batten covers to  $105 + (x) + (x)$ .

$x$  = Width of the batten covers. (Refer to the diagram above).



### Mitre Joints

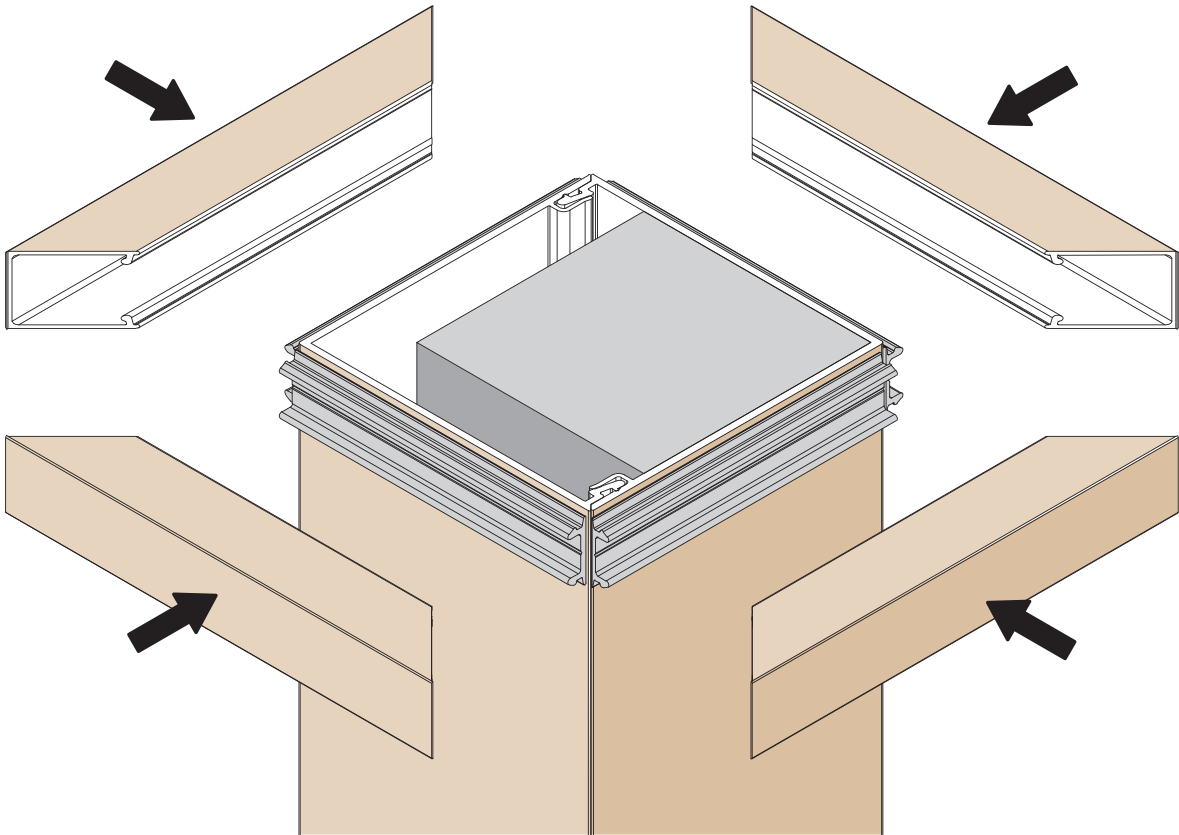
Measure and cut four lengths to  $105 + (x) + (x)$ .  
 $x$  = Width of the batten covers. (Refer to the diagram above).

Using a mitre saw, cut a 45-degree angle on both ends of each length as shown in the diagram above.



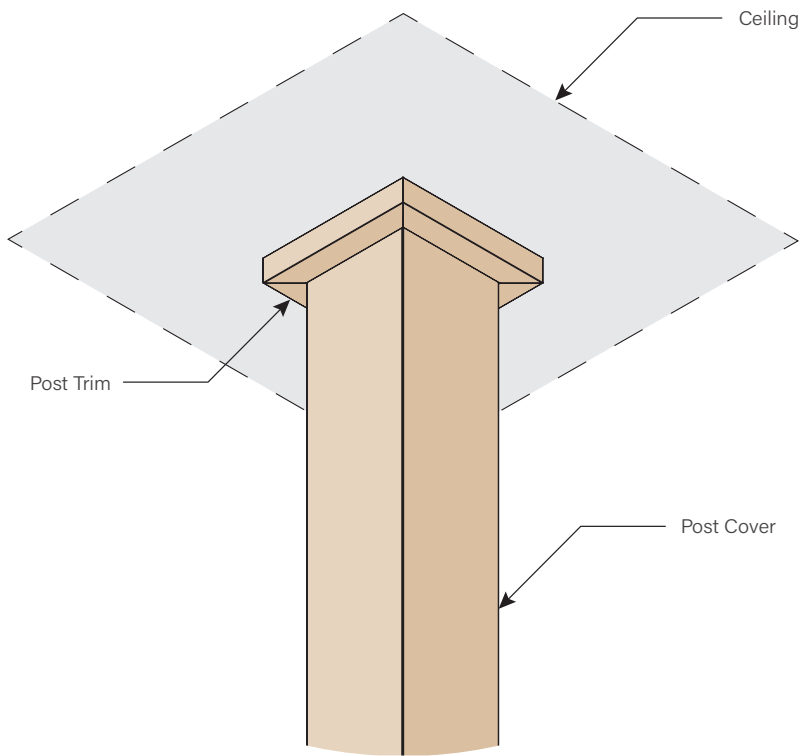
3

Snap Covers into Base



4

Final Product



Bottom Isometric View

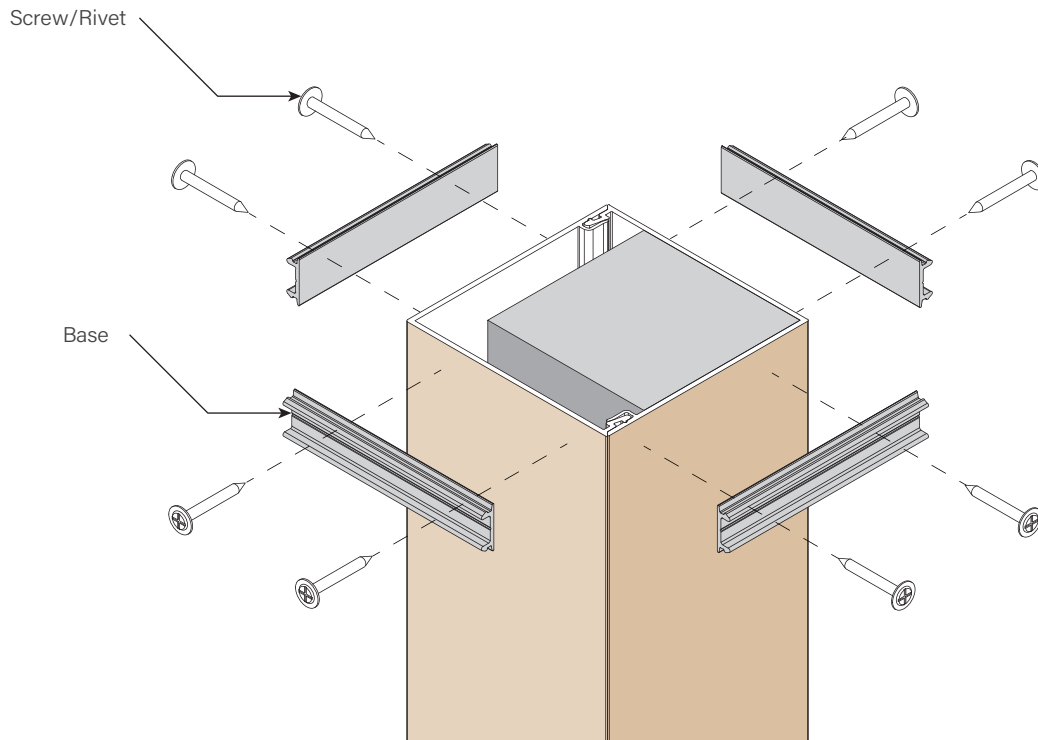
# Hidden Fixings/Post Trims for DecoPost™ Cover 175

**NOTE:** Deco's QuickClick® batten system functions effectively as a colour-matched trim. While the diagrams in this section illustrate applications using a 25mm profile, the same methods apply to Deco's 40mm and 50mm QuickClick® batten systems.

1

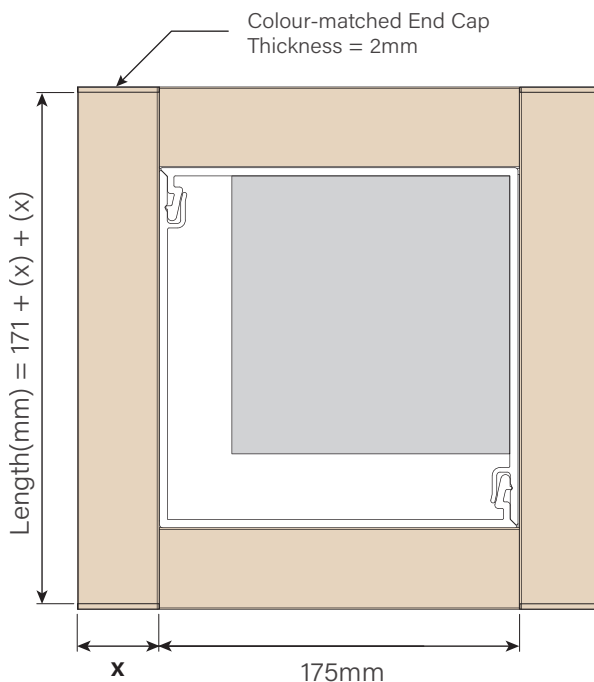
## Measure and Cut Bases

Cut four bases to a length of 173mm each. Install these bases into the Post Cover, ensuring there is a 2mm gap between the bases and your ceiling or floor to allow the cover to snap in place.



2

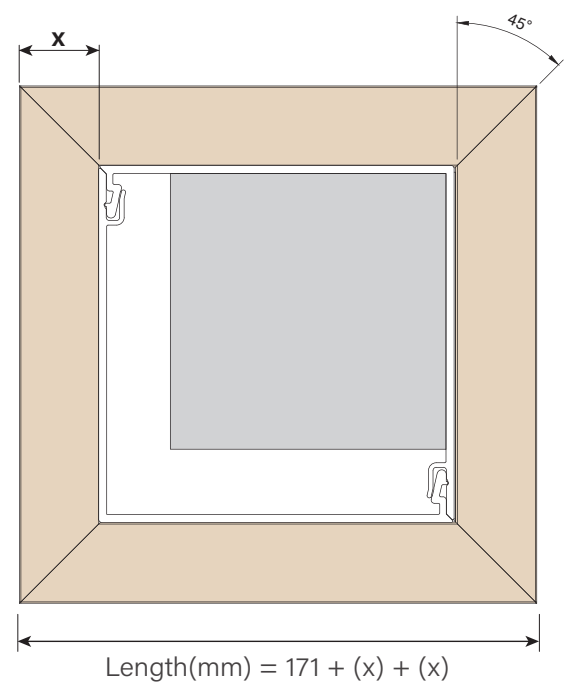
## Measure and Cut Covers



### End to End

Measure and cut two batten covers to a length of 110mm each and two batten covers to  $171 + (x) + (x)$ .

$x$  = Width of the batten covers. (Refer to the diagram above).



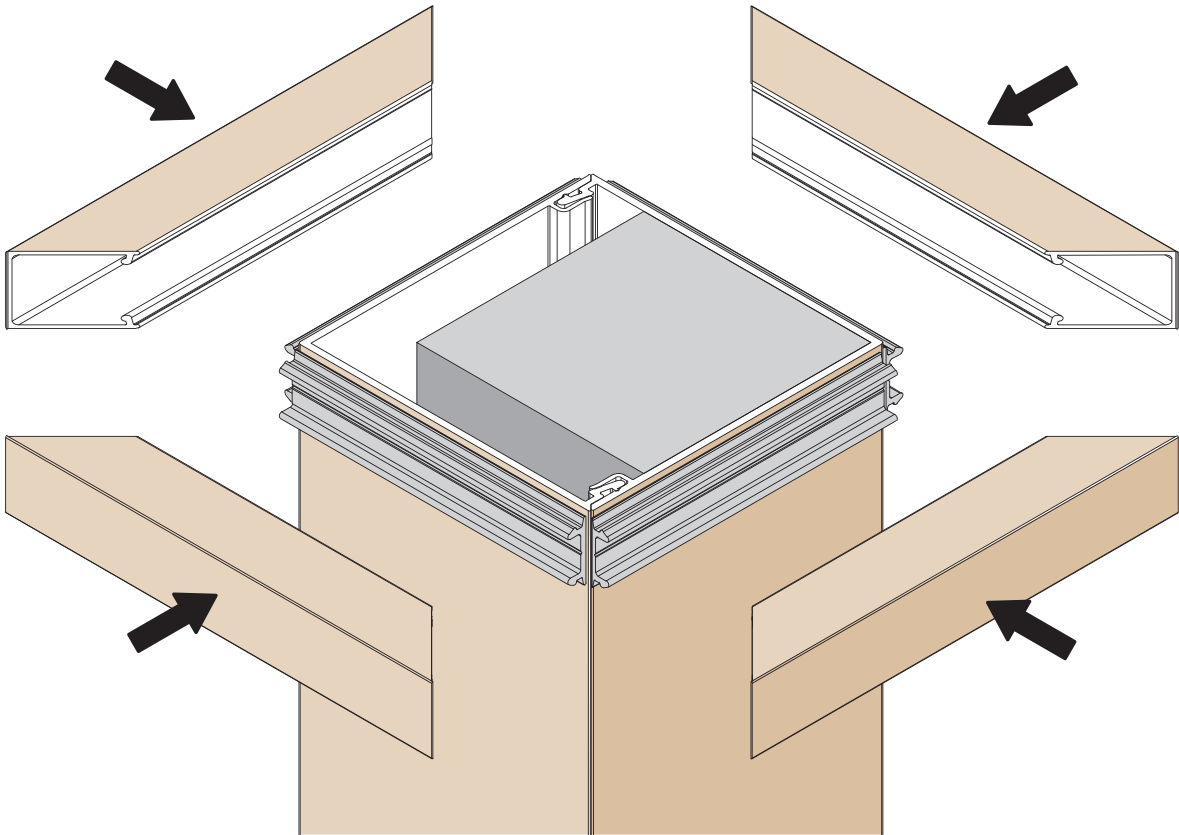
### Mitre Joints

Measure and cut four lengths to  $171 + (x) + (x)$ .  $x$  = Width of the batten covers. (Refer to the diagram above).

Using a mitre saw, cut a 45-degree angle on both ends of each length as shown in the diagram above.

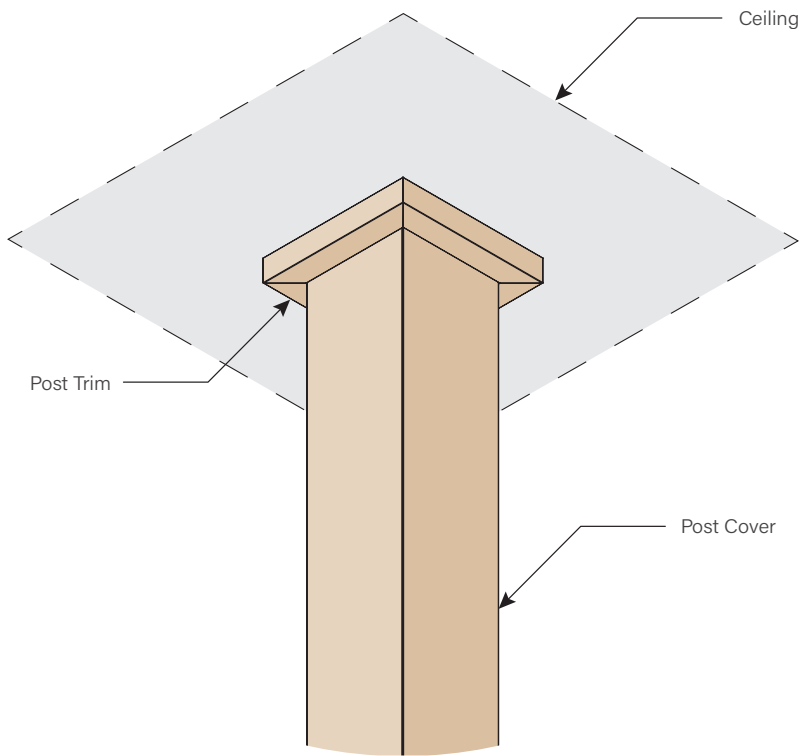
3

Snap Covers into Base



4

Final Product



Bottom Isometric View