

## **HOMESTYLE: - MULTI-PURPOSE, LEAN-TO. (28/11/07)**

### ***Please Note.***

Living Space accept no responsibility for any injury or consequential damage caused by the use of unsuitable fixings or by the installation of the product that deviates in any way from that described herein.

Multi-purpose Canopies are designed + tested to withstand a Loading of 0.65K N/m<sup>2</sup> which is suitable for domestic use. If you are installing the canopy in an exposed location please call the helpline before you commence.

### **Before proceeding with the assembly please ensure that the following conditions have been met.**

The wall is of solid construction – no flaking mortar or loose bricks (check with a registered builder if unsure).

You have the correct fixings for the type of wall that you are installing the canopy onto. (Please note, no wall fixings are included)

Check that you have sufficient space for the installation.

Due to the weight of the product and the nature of installation TWO people with appropriate step ladders / scaffolding are required to install the Canopy.

A secure concrete base to secure the upright supports to, that's at least 300mm square.

If you are using the "U" Bracket to secure the column then the base must be of solid concrete. If the base is not of solid construction, then longer legs will be required. These will then need to be secured to a subsurface concrete pad. For further information please contact our help desk.

## Installation starts here.

Before each stage some additional work (at ground level) on the parts may be required to aid assembly.

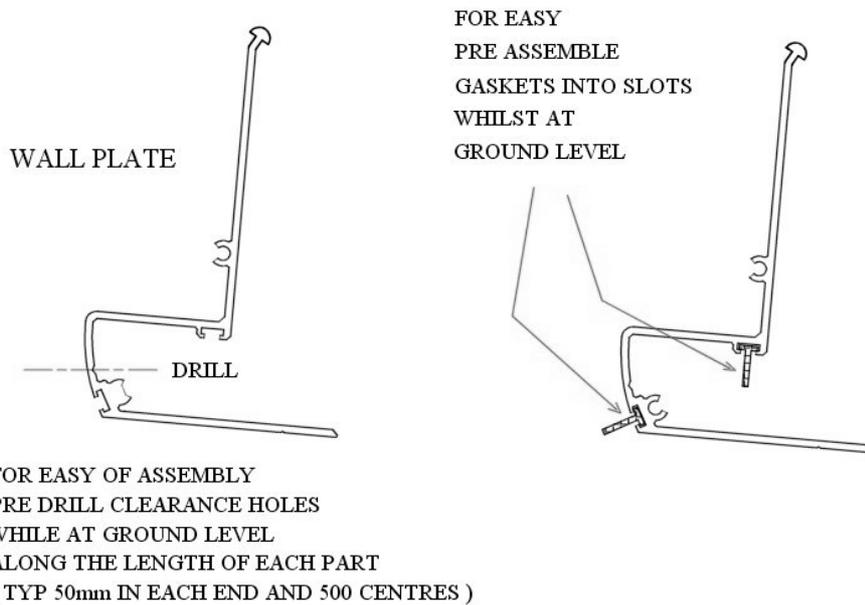
### Wall Plate.

Pre drill part along length. See drawing below.

Drill holes 50mm in from each end and at approximately 450mm centres along the length of the wall plate. Remove any debris and sharp edges.

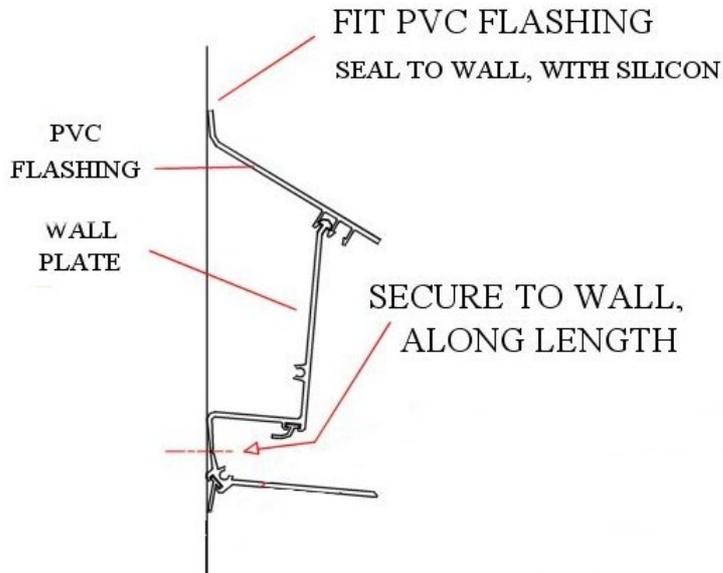
Fit the Rubber Gaskets. See drawing below.

Use soapy water to aid rubber slide along recess in profile if req,



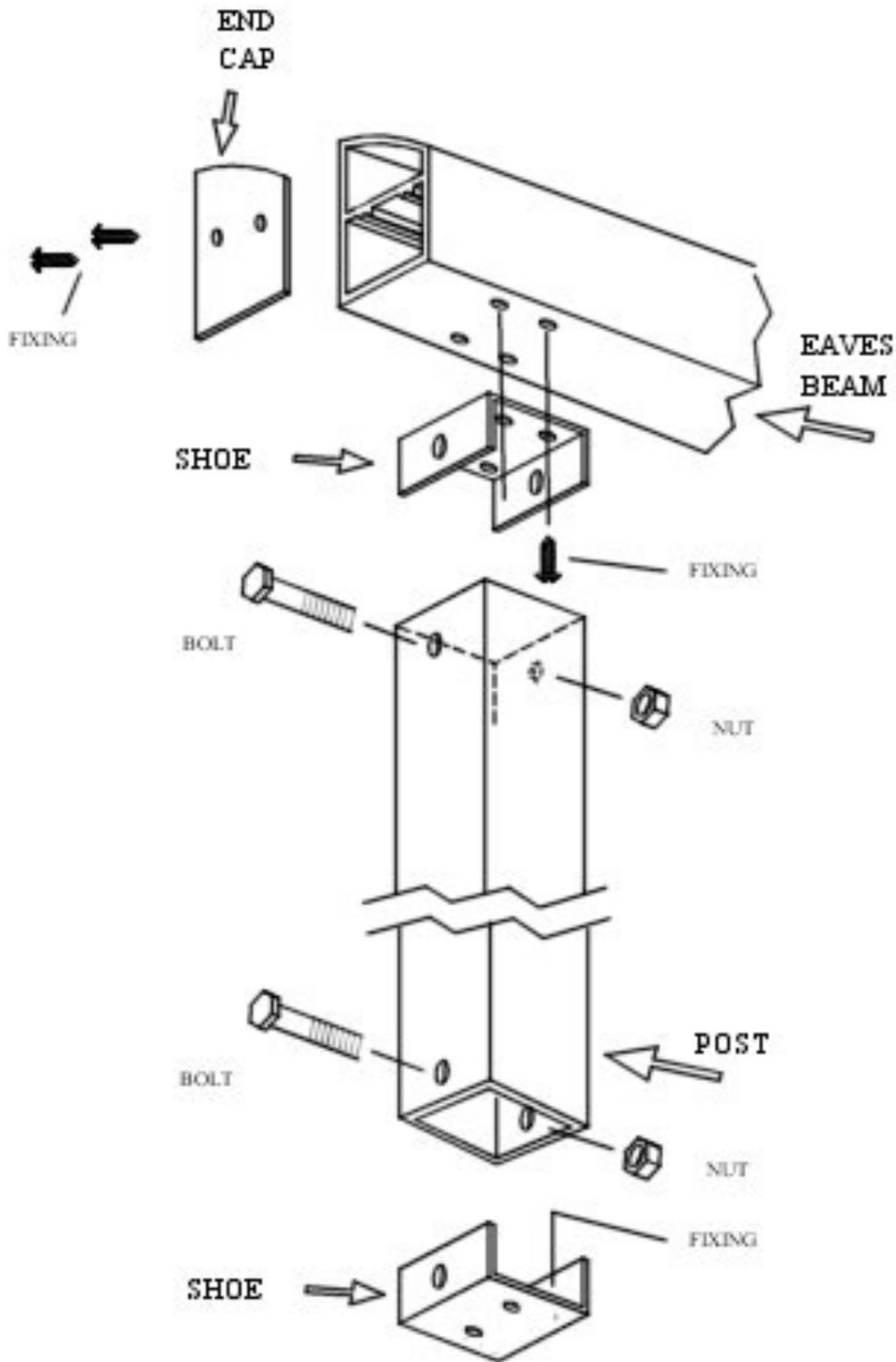
Assemble the Wall Plate see drawing and secure to wall.

\*\* Ensure the wall plate is horizontal using a spirit level. \*\*

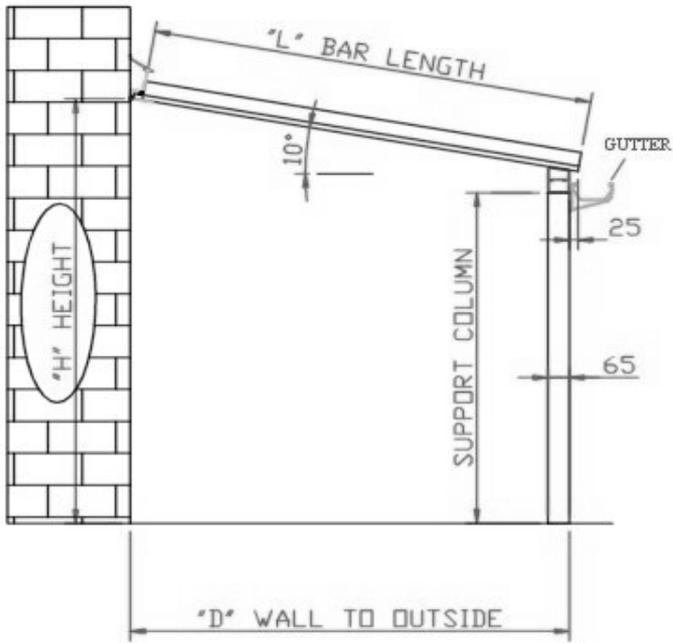


## Front Support Frame Assembly

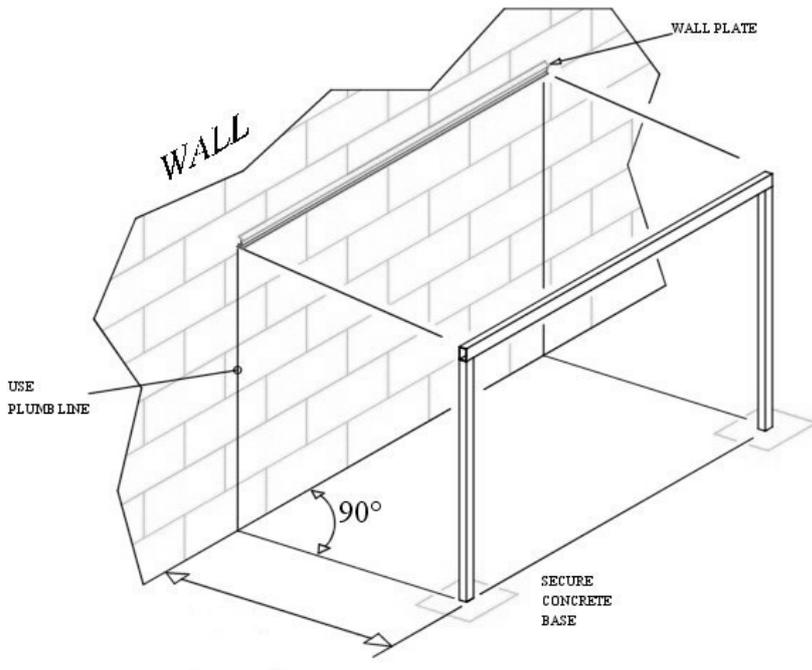
Assemble front support frame and legs as indicated below.....



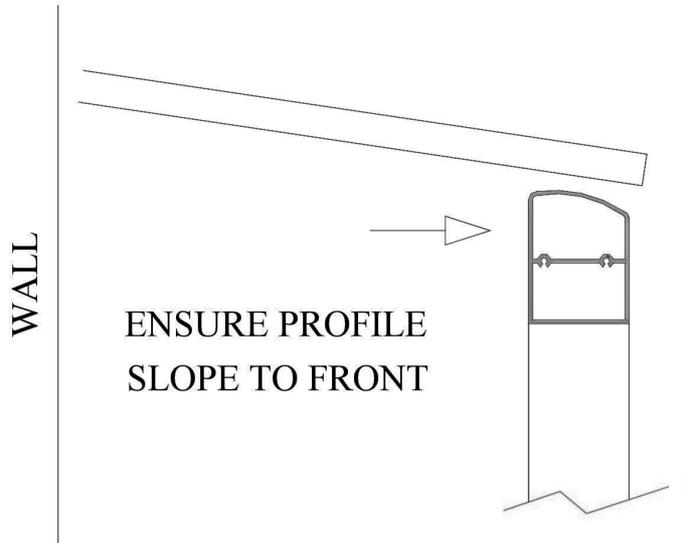
Two shoes are to be fixed to the Eaves Beam, these locate the upper ends of the Posts.  
Upper shoes are supplied blank and are drilled on site.  
Additional Shoes are fixed securely to the floor, in position to receive the assembled support frame (see below)



| Bar Length "L" | Horizontal Distance "D" | Height to Wall Plate "H" |
|----------------|-------------------------|--------------------------|
| 1475mm         | 1464mm                  | 2470mm                   |
| 2475mm         | 2449mm                  | 2643mm                   |
| 2975mm         | 2942mm                  | 2729mm                   |
| 3475mm         | 3434mm                  | 2815mm                   |
| 4975mm         | 3944mm                  | 2902mm                   |



To obtain good water flow ensure the eaves beam is positioned (as below)  
 With the slope away from the wall.

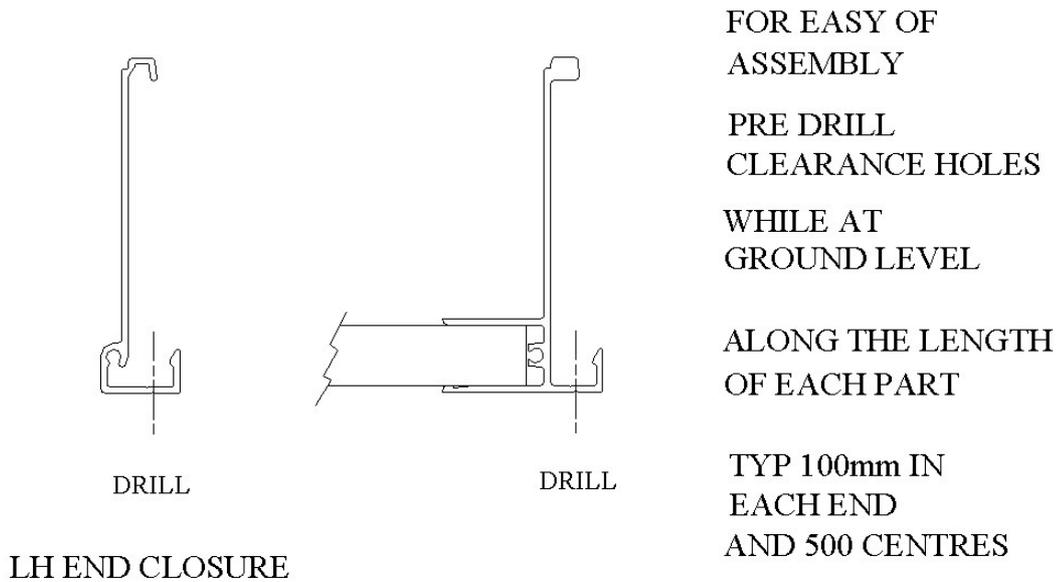


### Preparation of the Glazing Panels.

The Panel Fixing Packs provided contain self-tapping screws to secure the panels. Plastic screw caps are provided for use where screw heads are visible.

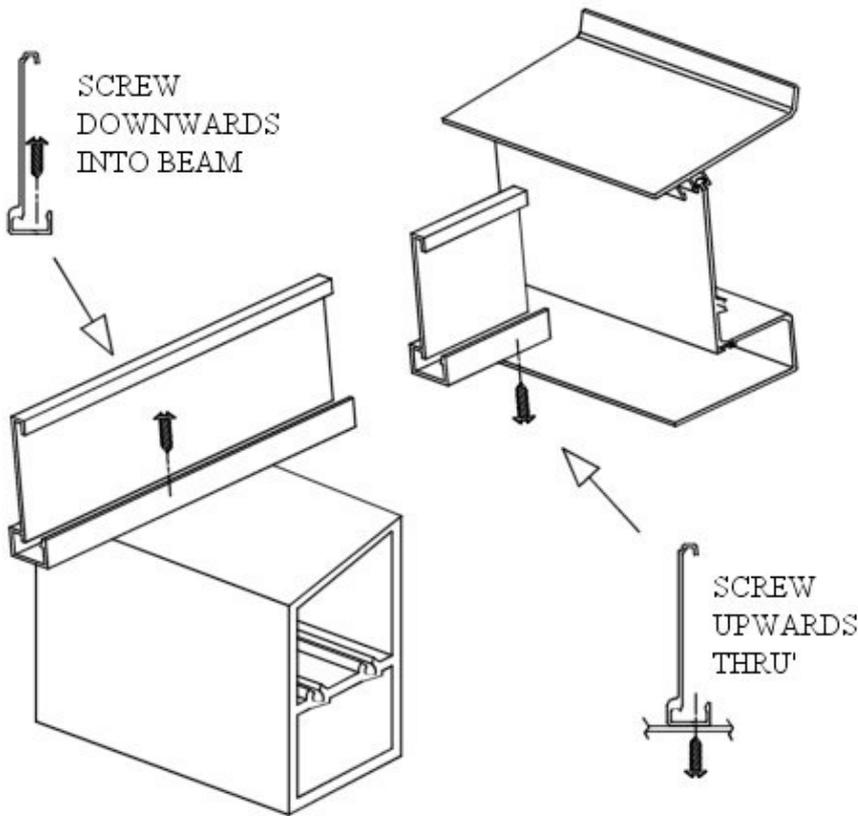
Lay out all panels on floor to ensure size of canopy is correct.

Pre drill parts along length see drawing --- FIGURE 8



(Step 1)

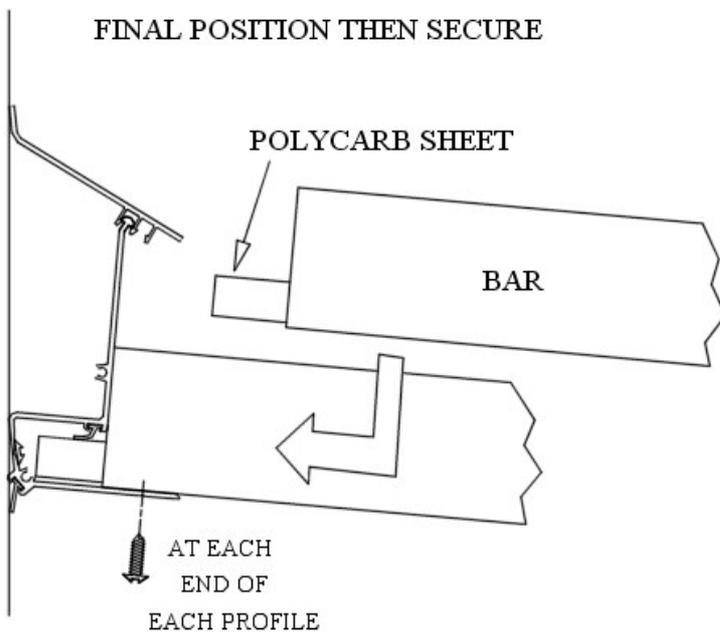
Starting at the left of the canopy as you face the wall, position the Left Hand end closure. Ensuring that it is square to the wall. Secure with screws.



Assembling Roof Panels see drawing

Each glazing panel has a polycarbonate protrusion of approximately 25mm this needs to be fed into the wall plate to provide a watertight seal. Ensure panel pushed fully into wall plate, front edge should be level with previously fixed part.

SLOT ALL PROFILES TOGETHER  
THEN SLIDE/PUSH UP INTO  
FINAL POSITION THEN SECURE

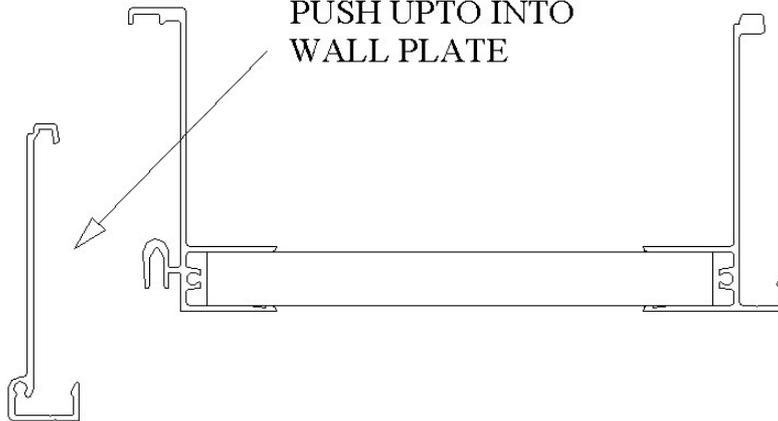


(Step 2)

Lift one pre-assembled panel on to the roof and locate onto the previously fixed Aluminium profile.

## STEP 2

LOCATE ONTO 1ST PANEL  
PUSH UP TO INTO  
WALL PLATE



(Step 3)

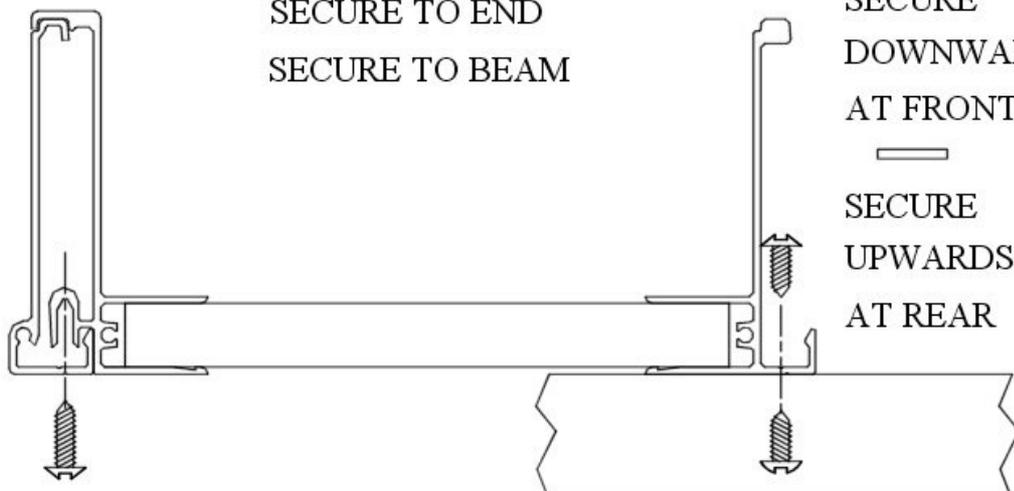
Secure along length to previous aluminium profile. At each end secure to wall plate and support frame.

## STEP 3

SECURE TO END  
SECURE TO BEAM

SECURE  
DOWNWARDS  
AT FRONT

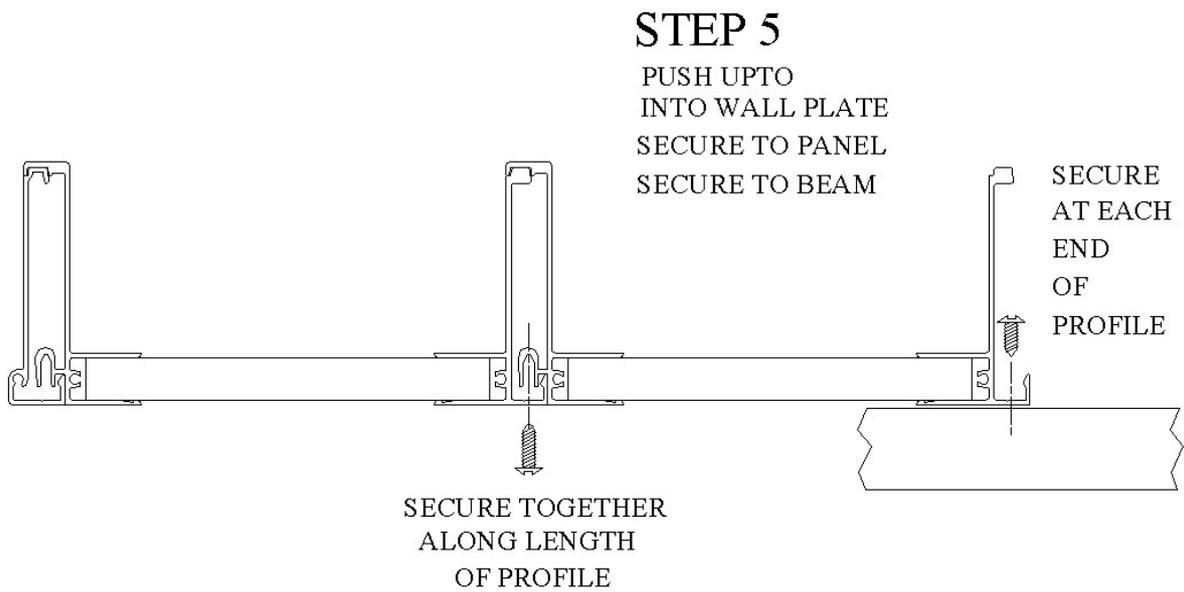
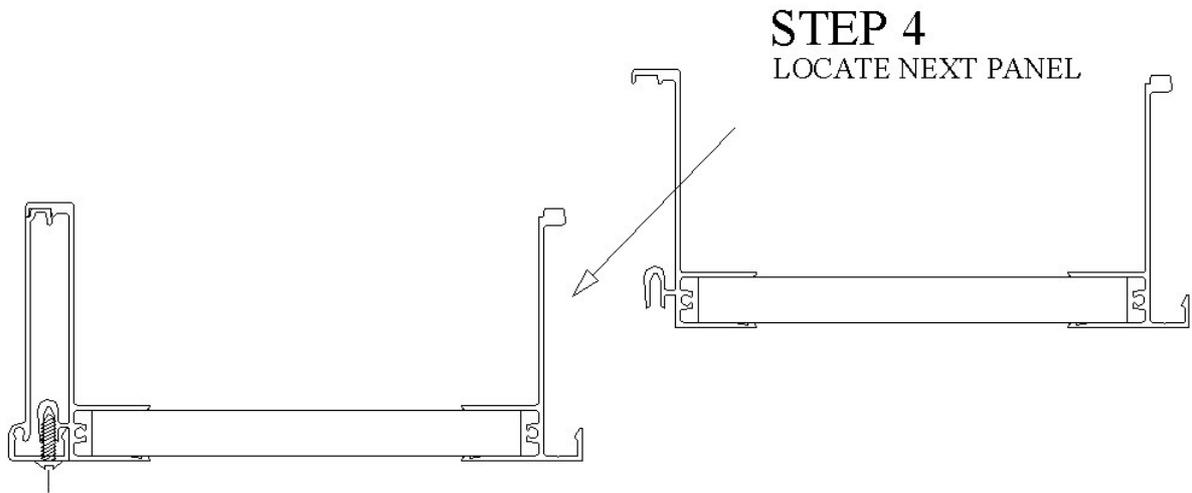
SECURE  
UPWARDS  
AT REAR



SECURE TOGETHER  
ALONG LENGTH  
OF PROFILE

(Step 4+5)

Lift one pre-assembled panels on to the roof and locate onto the previously fixed Aluminium profile.



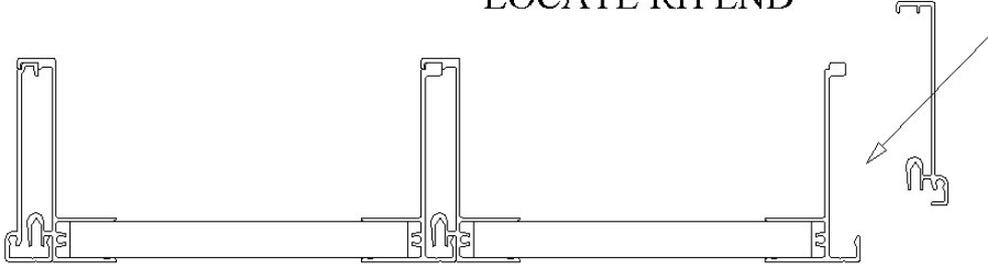
Repeat with additional panels.

Secure each as positioned, while access and fixing position within reach.

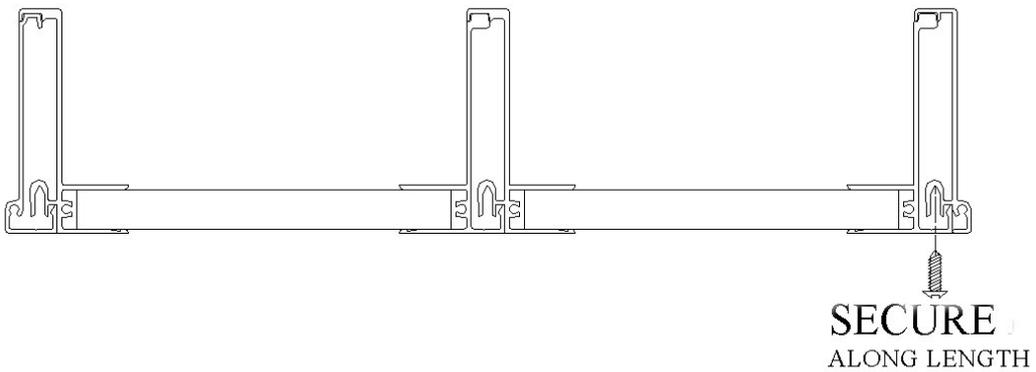
(Step 6+7)

At right hand end use final single End Closure to complete appearance, fix through angled edge as previous, along length.

## STEP 6 LOCATE RH END

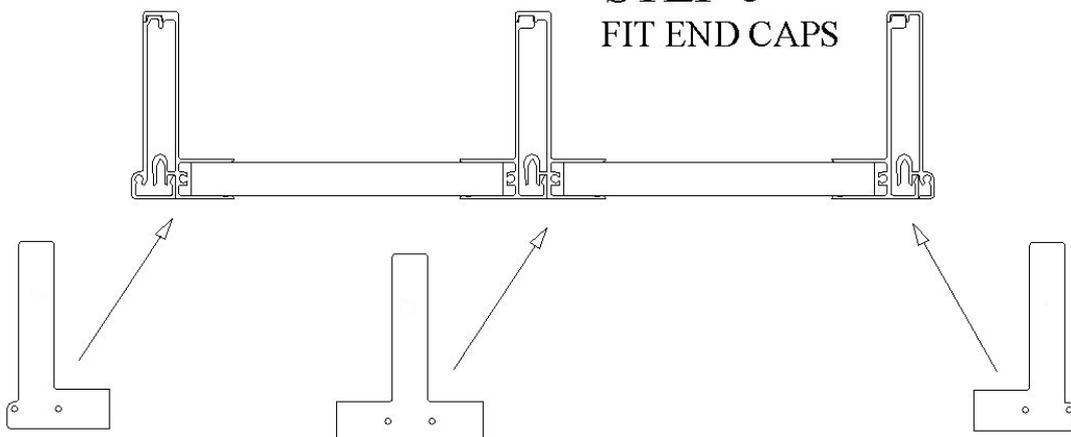


## STEP 7 SECURE RH END



(Step 8) You can now fix the Rafter End Caps using the screws and caps provided

## STEP 8 FIT END CAPS



## Installing the Rainwater System

Please Note: - That a slight angle is required along both the front and side gutters. This is to ensure that the water flows along the gutter and into the down-pipe.

Decide which end of the canopy the down spout is to be (where the flow of water won't be a problem). This will then determine the position of the "Stop End Outlet". Blank off relevant end.

Position the bracket closet to end (2) use 1 screw, this will allow for adjustment to the angle. Fit guttering into bracket.

Using Stop end Outlet as guide mark guttering if it requires cutting down to size. Add additional sections if required using "Joining" piece. So as whole roof will have guttering under its edge for water disposal but not to much as will look unsightly and also be unsupported.

With the correct length guttering assembled, clip on and evenly space the remaining support brackets along the complete length.

With end (2) supported in the fixed bracket, end (1) is to be 10mm to 20mm lower than end (2). This will ensure flow towards the "Down Spout" Note: - to large a difference will on heavy rain fall cause the water to flow over the end instead of going down the spout.

With the gutter in position, mark all brackets and fixing holes. This will ensure that when the brackets are fixed in position with screws that the guttering will remain straight and undistorted, as the brackets must be at the right height.

