installation Guide (Vertically fixed)

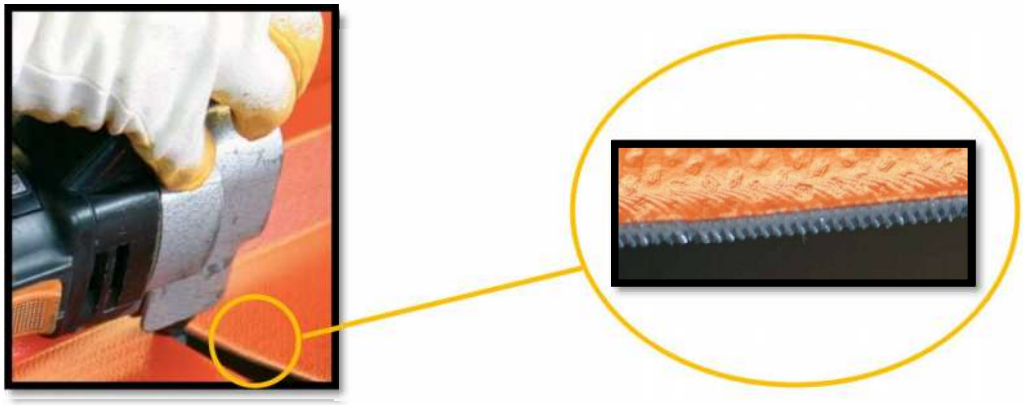
General notes

The integrity and long-term performance of coated aluminium can be enhanced or diminished by the way it is handled and installed on site. Keep the product off the ground and dry until it is ready to be installed. The coating on this product has a guarantee of up to 30 years*, and because it is aluminium, has a lifespan in excess of 100 years.

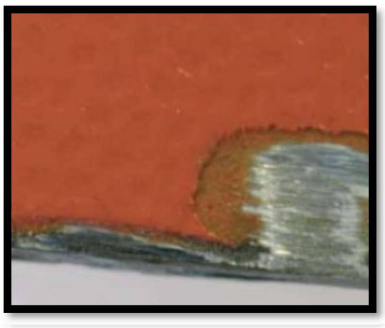
Good housekeeping and preparation during installation will ensure a beautiful finish for years to come.

* Subject to project location and environmental conditions.

- **Tools;** a sheet nibbier jig saw or circular saw can be used to cut Aluminium panels. If using a jig or circular saw, use the appropriate blades and lower speeds to minimise frictional heating on the coating. The sheet nibbier has been especially developed for this purpose.



- DO NOT use a hack saw or abrasive disc as these can leave an uneven, poorly finished cut. These methods also cause frictional overheating and abrasion which can damage the coating.



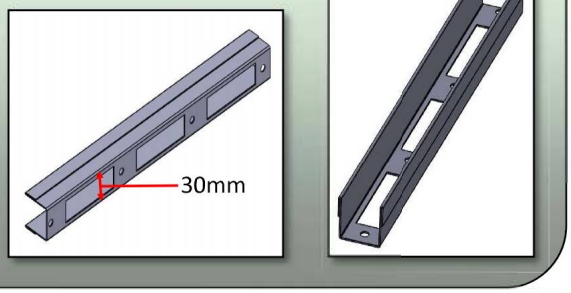
For further information and advice please contact Gutter Centre on

0330 2231731or email sales@guttercentre.co.uk

PLANK ACCESSORIES

(All Xtreme trims are in 3metre standard lengths)

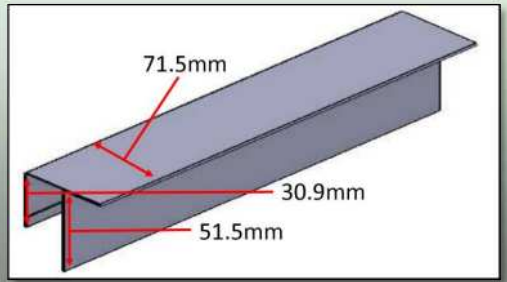
/^Universal trim carrier



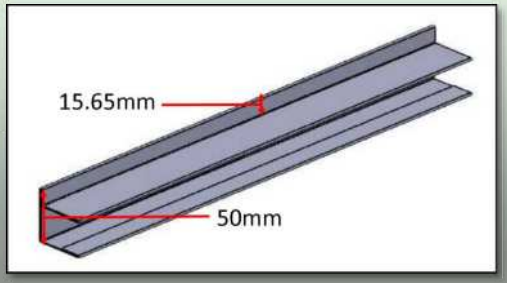
Aluminium trim used as a carrier for all panel plank and soffit trims, (except panel corner trim).

External panel corner trim

External aluminium corner trim to cover two panel edges at the corner detail.



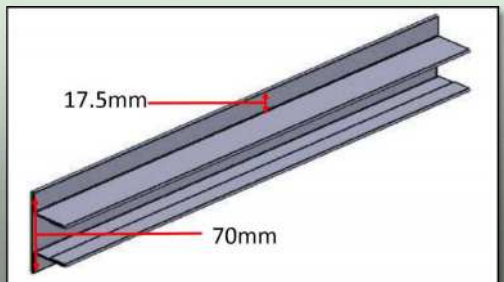
4 Position panel trim (single fin)



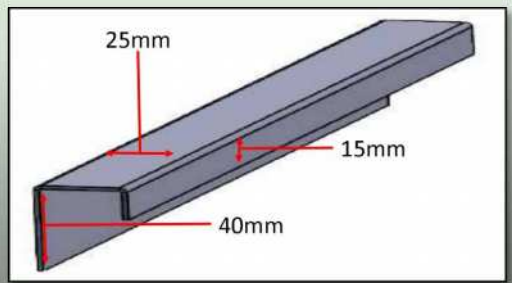
Aluminium cover trim used vertically left or right, or as a header and base trim for cut or complete panels.

2 Position panel trim (double fin)

Aluminium cover trim used vertically between panels or as a base trim for cut or complete panels where a drip angle is required.



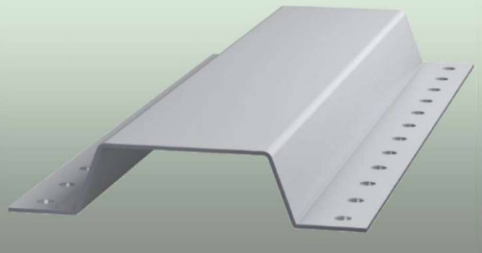
Cut edge panel support profile



Aluminium support trim used with a cut edge panel for edge support.

PLANK ACCESSORIES

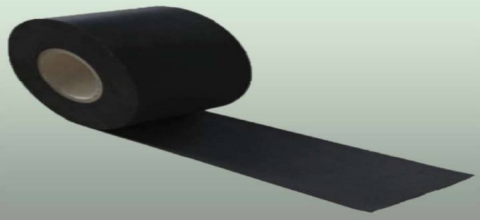
Top hat



Galvanised steel / aluminium top hat profile. 0.7 / 0.9 / 1.2mm gauge (solid or vented)
25mm x 25mm x 60mm x 25mm x 25mm

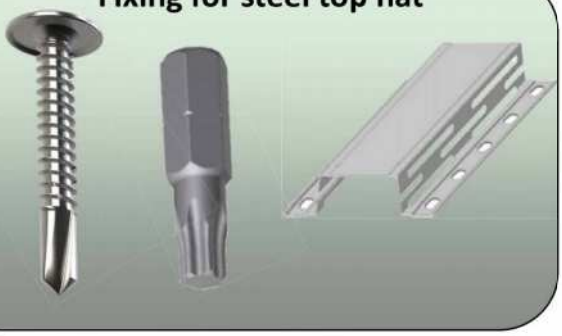
3m lengths.

Tamlyn Isolating tape



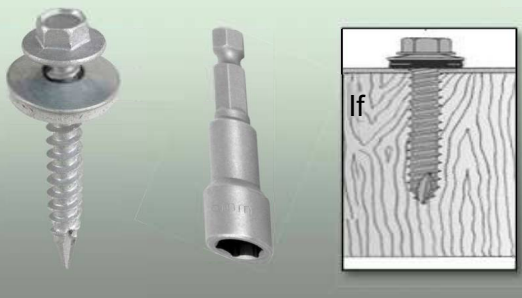
Self adhesive, black EPDM jointing tape used as an isolating membrane between the steel top hat and aluminium panel. Meeting the requirements of DIN 18516 part 1. 0.75mm x 70mm and 25m long

Fixing for steel top hat



Bi metallic Torx™ head self drilling screw for securing panel to steel top hat. Coated carbon steel (with washer) or Austenitic stainless steel A2 (304 grade 5.5 x 25mm.

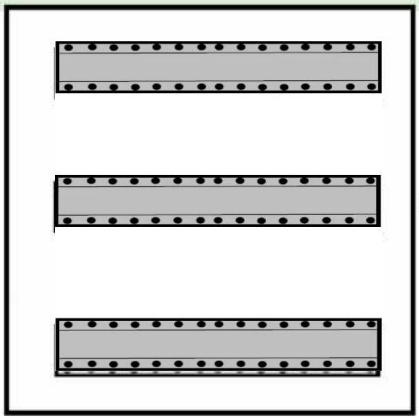
Fixing for timber batten



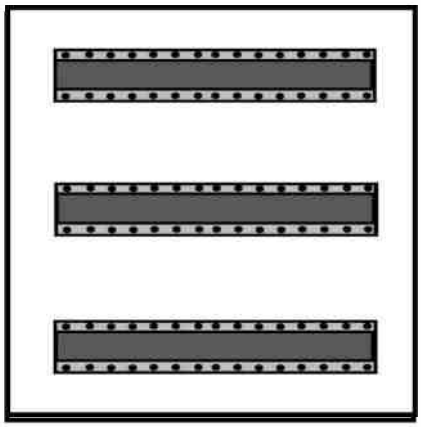
Bi metallic hex head screw for securing fagade panel to timber purlins. Coated carbon steel (with washer) or austenitic stainless steel A2 (304grade) 6.3 x 25mm. ---------- *

Installation example (single elevation)

1

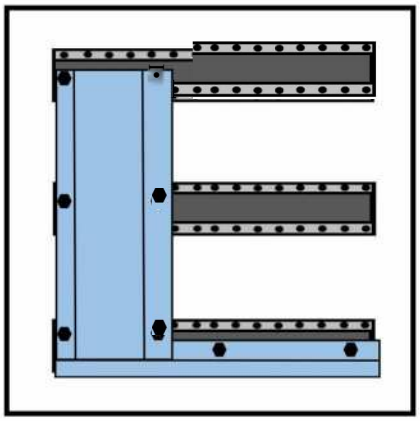


Fix top hats or appropriately sized battens to the substrate using suitable fixings. Make sure support spacings are in line with the project regarding structural requirements.



2

If using a top hat, ensure it is free from grease and dust and affix Tamlyn isolating tape to each top hat section. Press the tape firmly to the top hat making sure there are no air bubbles or un-adhered areas.

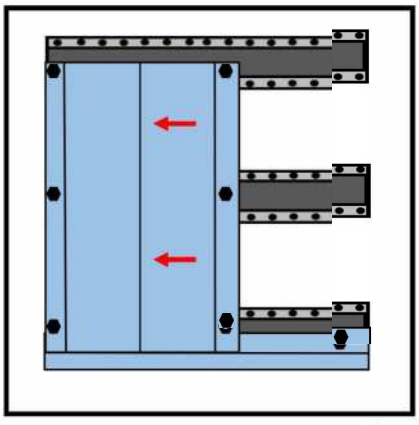


3

Line up and level the vented starter trim in the desired position starting at the bottom of the elevation. Place the panel into the channel and fix on each top hat using suitable fixings. Depending on required aesthetic, the panel can be left short at the top to install the universal carrier and finishing trim.

4

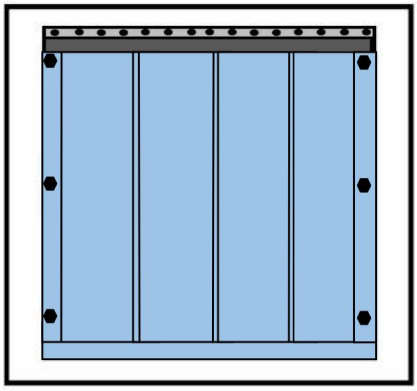
^Align the second panel and slide into the\ female joint on the previously fixed panel. Gently tap into position using a rubber or soft headed mallet . Once you are happy with the level and that it has the correct joint gap, fix into place at each top hat position.

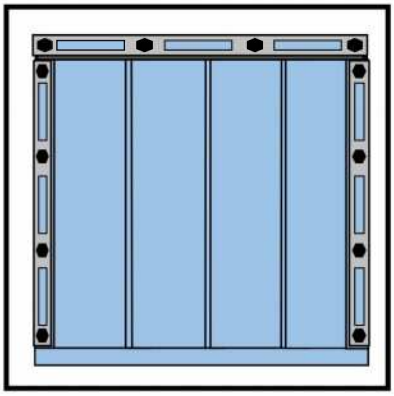


Installation example

5

Repeat the process with the existing panels until you reach the desired end of the elevation. To finish off the top and sides of the panels the 2 way or 4 way trim can be used depending on required aesthetic.



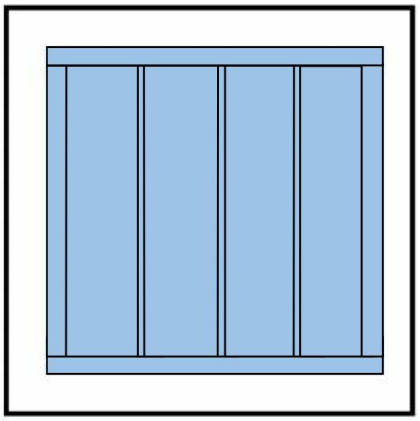


6

Place the universal carrier trim over the existing fixings and screw into the flat areas in between the cut outs until you are sure of a positive fix.

7

^Line up the 2 or 4 way trim and gently snap into place over the universal carrier trim. Repeat the process everywhere you require a trim at the end of a vertical or horizontal run. Pre-formed corners are available if you need to clad around two or more elevations for a seamless aesthetic.



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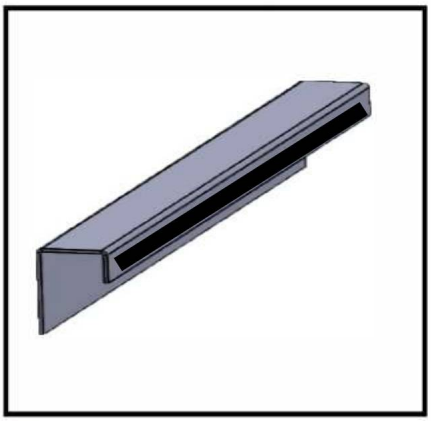

If a plank has to be cut along its length it is necessary to install a cut edge panel support profile under the cut end. This is installed before the panel is fixed into place. This trim, when it has been perforated, is used as a starter trim for vertically installed systems. When using as a cut plank support, use a strip of butyl tape to bond the panel and create a seal before fitting the cover trim.

Typical corner detail showing cut edge treatment.

Typical detail showing corner situation where a cut panel is integrated into the facade. A single finned trim can be used to cover the cut edge to carry on the shadow gap detail, or a double finned trim can be utilised to completely close off the gap.