

WEMICO

Est 1984

*Artisan*TM



Vertical façade Plank installation Guide

Architectural products

COPINGS - SILLS - FLASHINGS - VERGE TRIMS - FASCIAS - FACADES - CEILINGS - SOFFITS
GUTTERING - CLADDING PANELS - WINDOW PODS - BULLNOSES - SPECIAL FABRICATIONS

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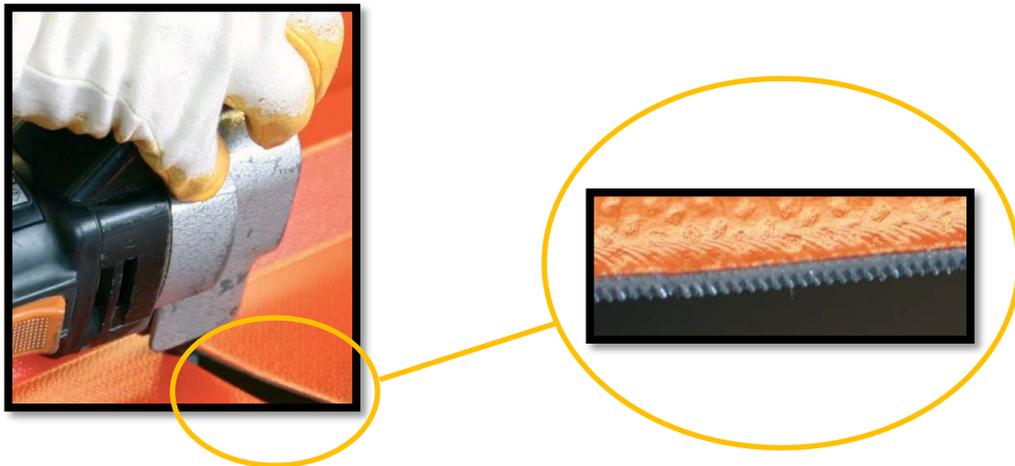
General notes

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 well in excess of 60 years.

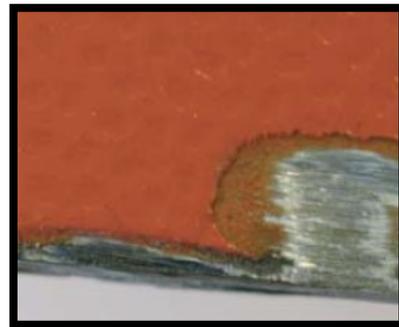
Good housekeeping and preparation during installation will ensure a beautiful finish for years to come.

* Subject to project location and environmental conditions.

- **Tools;** a sheet nibbler 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 nibbler has been especially developed for this purpose.



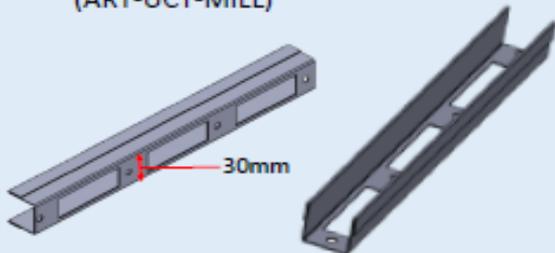
- DO NOT use a hack saw or abrasive disc as these can leave an uneven, poorly finished cut. These methods also cause frictional overheating and abrasion which can damage the coating.



For further information and advice please contact Wemico on 01562 820123
or email fabrication@wemico.co.uk

(All Artisan trims are in 3 metre standard lengths)

Universal carrier trim
(ART-UCT-MILL)



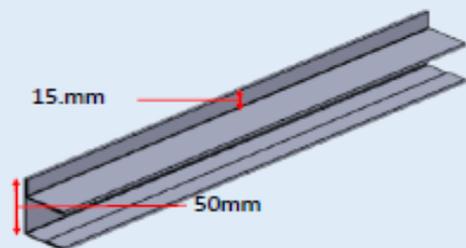
Aluminium trim used as a carrier for all panel, plank and soffit trims. (Except Panel corner trim)

Wemibond butyl sealant tape for bonding and sealing panels that need to be cut on site

Wemibond butyl tape
(ART-BOND-TAPE)



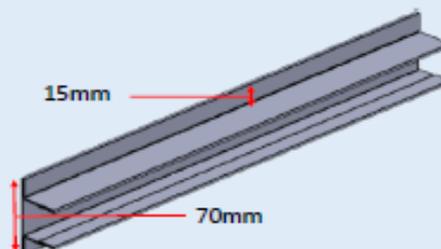
4 Position panel trim (single fin)
(ART-SFT-PPC)



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

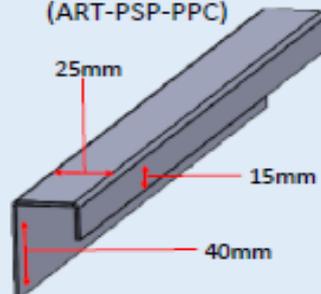
Aluminium cover trim used vertically between panels or as a base trim for cut or complete panels where a drip angle is required.

2 Position panel trim (double fin)
(ART-DFT-PPC)



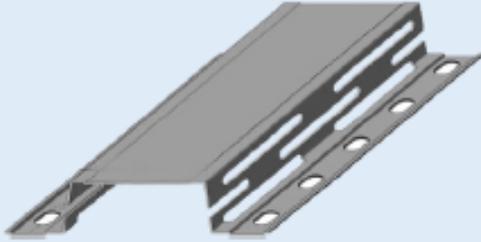
Aluminium support trim used with a cut edge panel for edge support. Or ventilated to use as a starter trim for vertically laid planks.

Cut edge panel support profile
(ART-PSP-PPC)



When a vented starter trim is used it will be 27mm as opposed to 25mm so the plank fits into the trim.

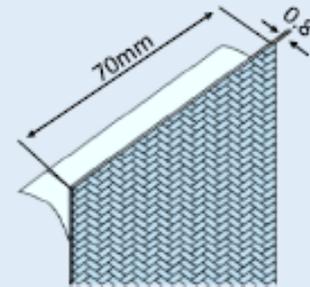
**5009 Galvanised Top hat
(ART-HAT-GALV)**



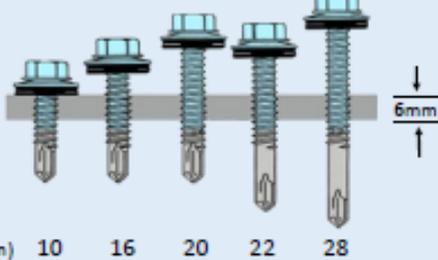
Galvanised top hat profile. 0.9mm gauge
26mm x 27mm x 60mm x 27mm x 26mm
3 metre lengths

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. 0.80mm x 70mm and 25 metres long

**3312 Wemiso Isolation tape
(ART-ISO-TAPE)**



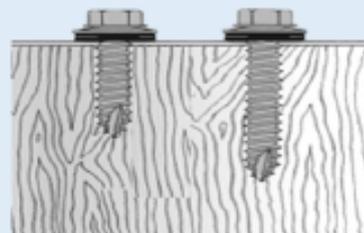
**Fixing for steel top hat
(ART-STEELFIX)**



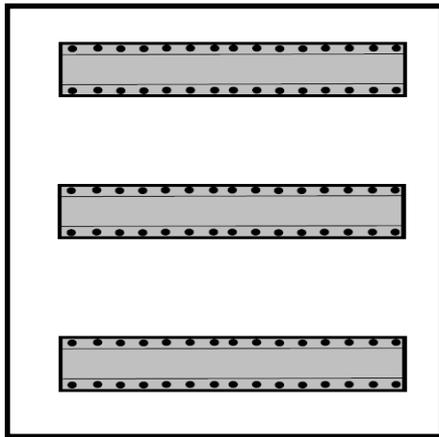
Bi metallic hexagon head self drilling screw for securing panel to steel top hat. Coated carbon steel and Austenitic stainless steel A2 (304 grade)
5.5 x 25mm S16 washer

Bi metallic hexagon head self drilling screw for securing panel to timber purlins. Coated carbon steel and Austenitic stainless steel A2 (304grade) 6.3 x 50mm S16 washer

**Fixing for timber
(ART-TIMBERFIX)**



Installation example (single wall)

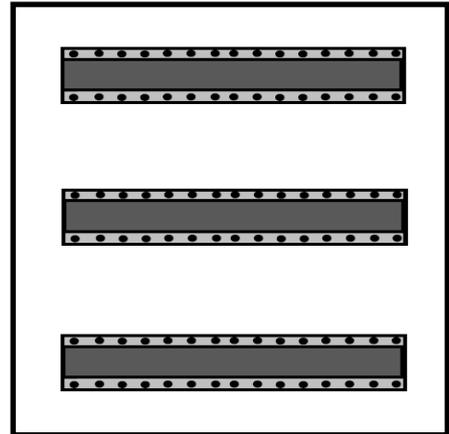


2

If using a top hat, ensure it is free from grease and dust and affix Wemiso 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.

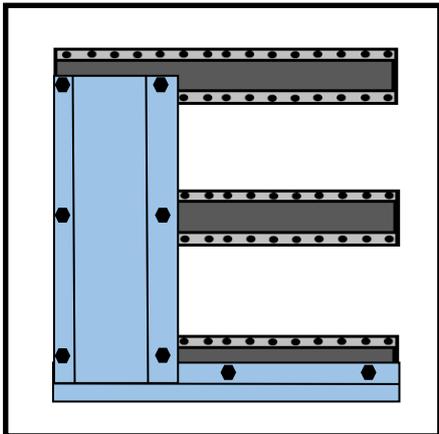
1

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



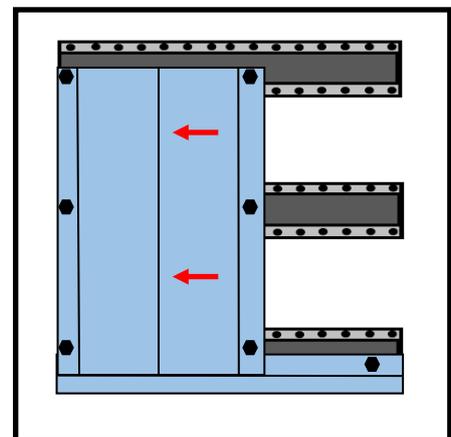
3

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.



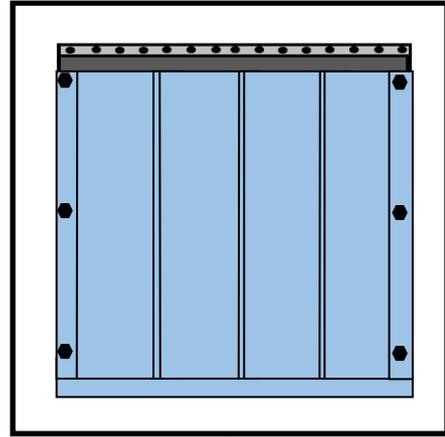
4

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.



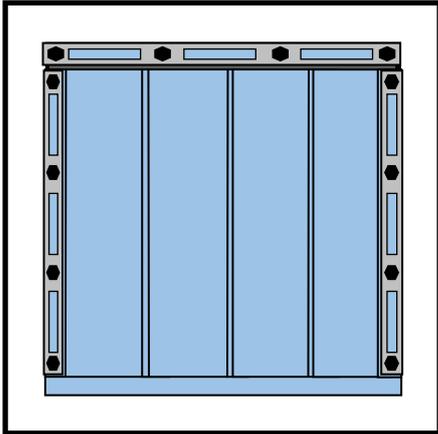
5

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.



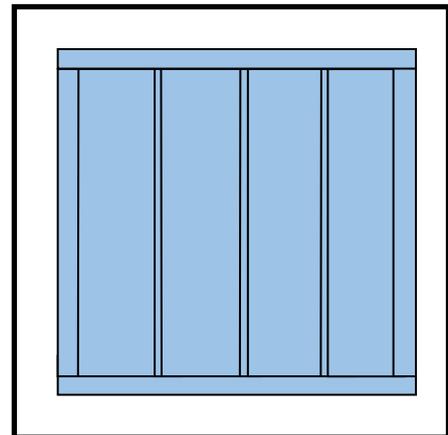
6

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.

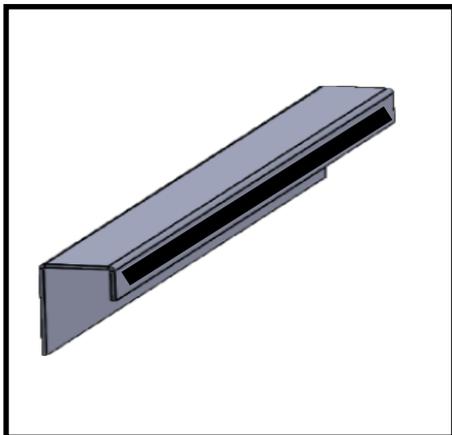


7

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.



8

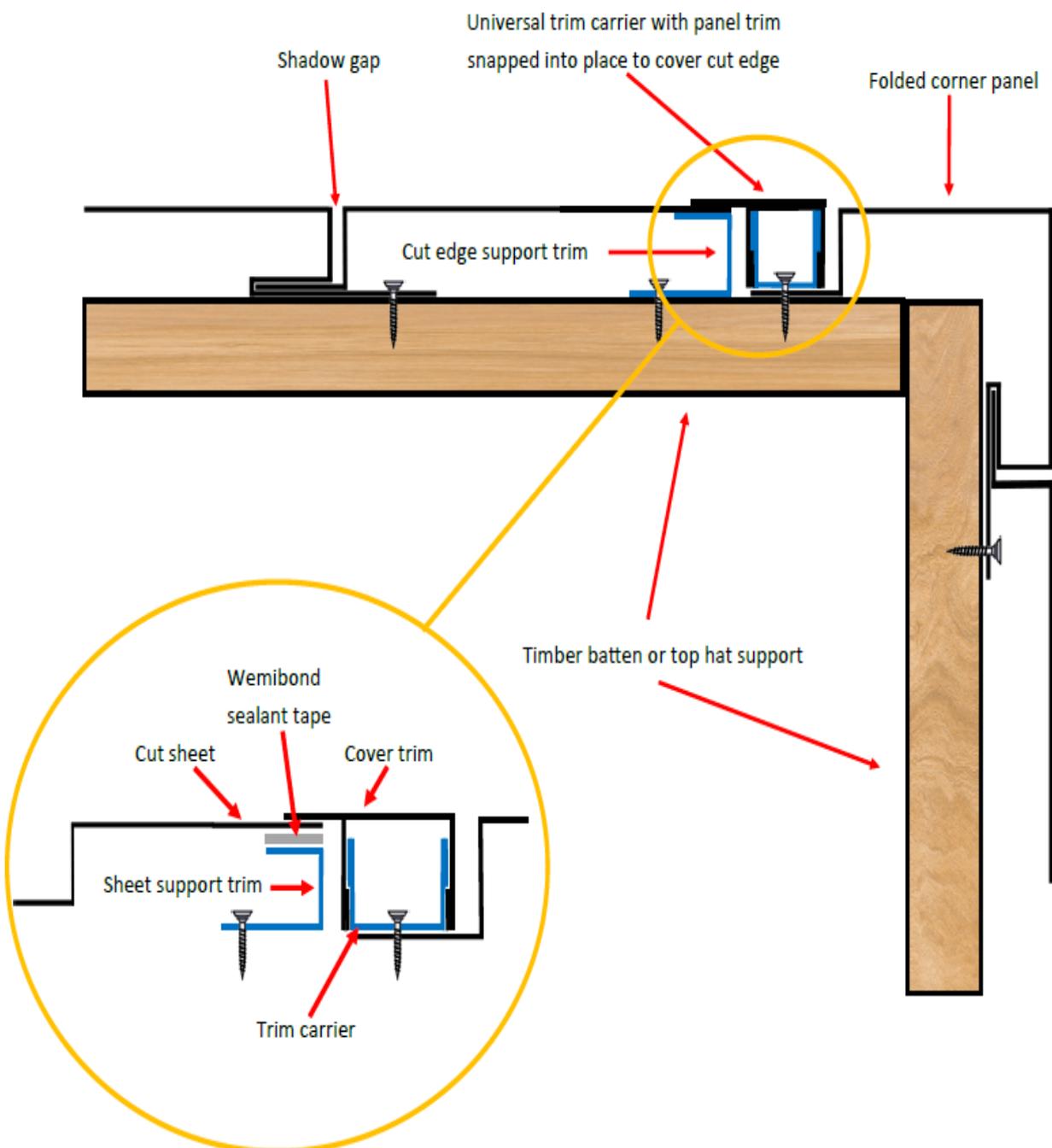


If a plank has to be cut along its length it is necessary to install a cut edge panel support profile under the cut end. This is installed before the panel is fixed into place. This trim, when it has been perforated, is used as a starter trim for vertically installed systems. When using as a cut plank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



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ARCHITECTURAL PRODUCTS

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