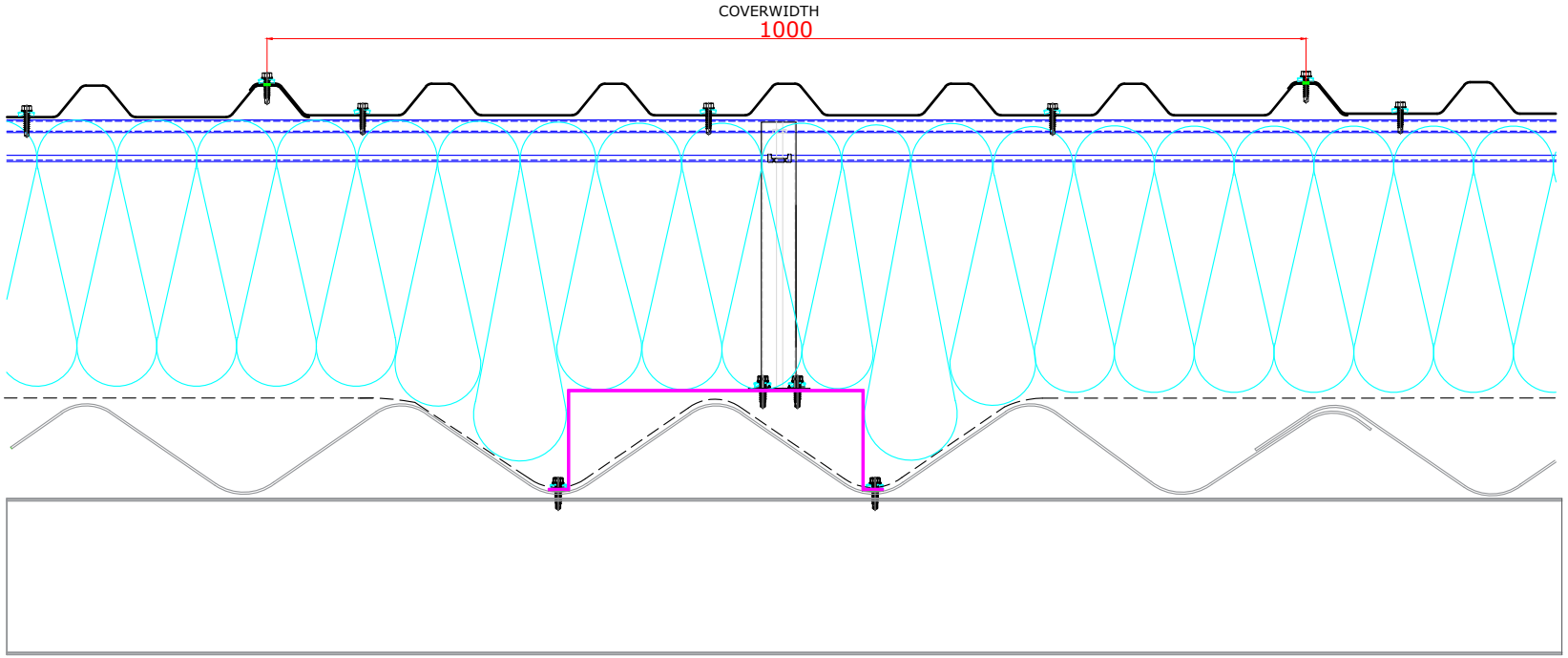

Refresh Roof Fibre Cement Existing with Trapezoidal Outer Sheet					
Bracket Height	Continuous Tophat Height	Insulation Thickness*	Insulation Value	U Value at 1.5M Centres	Nominal Weight/M² From top of existing*
80mm Quattro	≥ to existing profile height	100mm	0.040	0.57	15.04
180mm Quattro	≥ to existing profile height	200mm	0.040	0.25	16.13
260mm Quattro	≥ to existing profile height	280mm	0.040	0.17	17.01

* Based upon 20mm additional to Quattro Bracket depth

Quattro spacer system fixed directly to tophat.
Tophat is then fixed to existing spacer with sizing dependant on existing profile.
Continuous tophats may also be utilised to reduce span for new profile sheet if required.

refresh

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TITLE: Refresh Roof Fibre Cement existing with Trapezoidal Outer

DWG NO:

DRAWN: EP

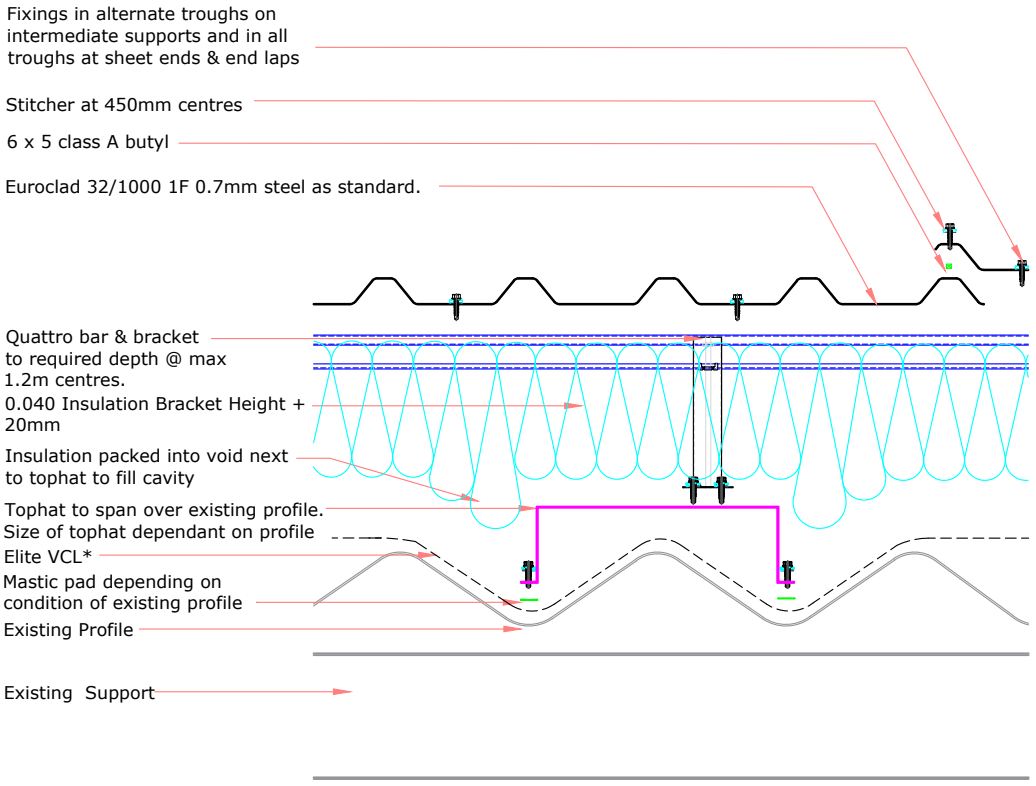
CHECK: PCL

DATE: May 2017

SCALE: NTS

To be read in conjunction with Refresh guidance and specification documents

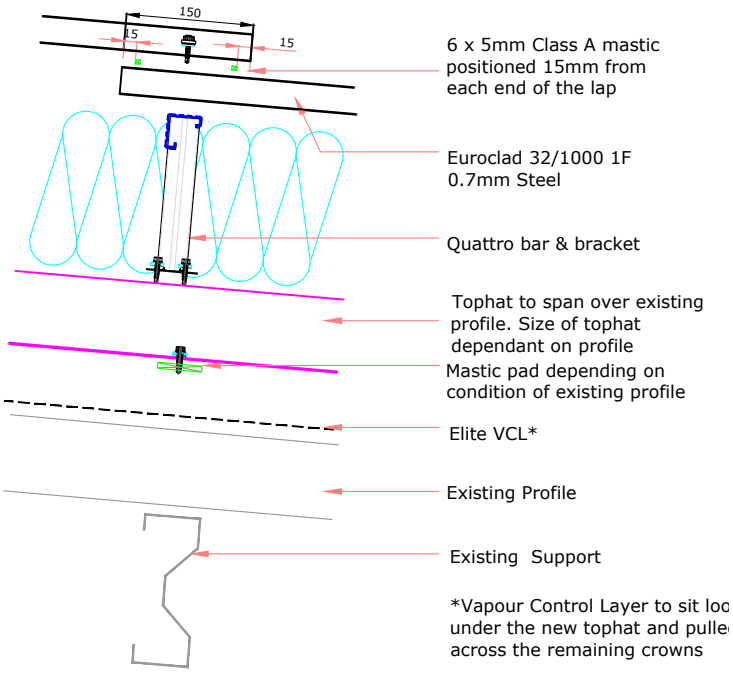
SIDE LAP DETAIL



*Vapour Control Layer to sit loose under the new tophat and pulled across the existing crowns

Note; Existing Bolts may be sheared to prevent puncture of VCL.
VCL should not be compromised.

END LAP DETAIL



32_1000_1F 0.7 Steel Outer Sheet side lap detail

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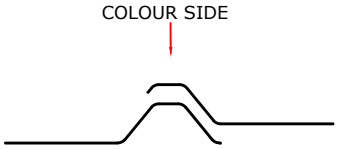
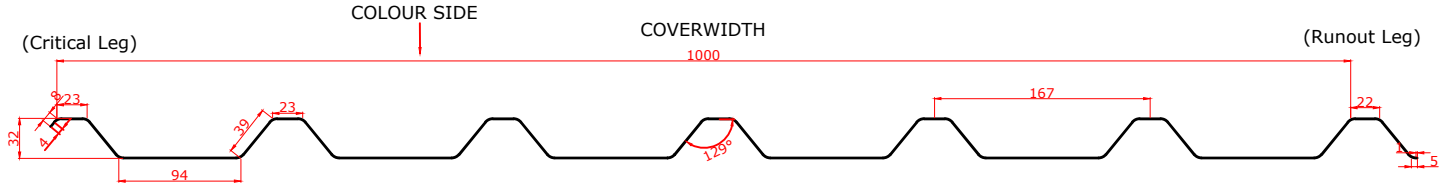
EUROCLAD 32 / 1000 0.7mm EXTERNAL SHEET





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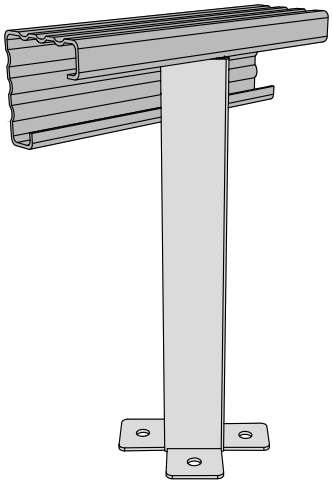
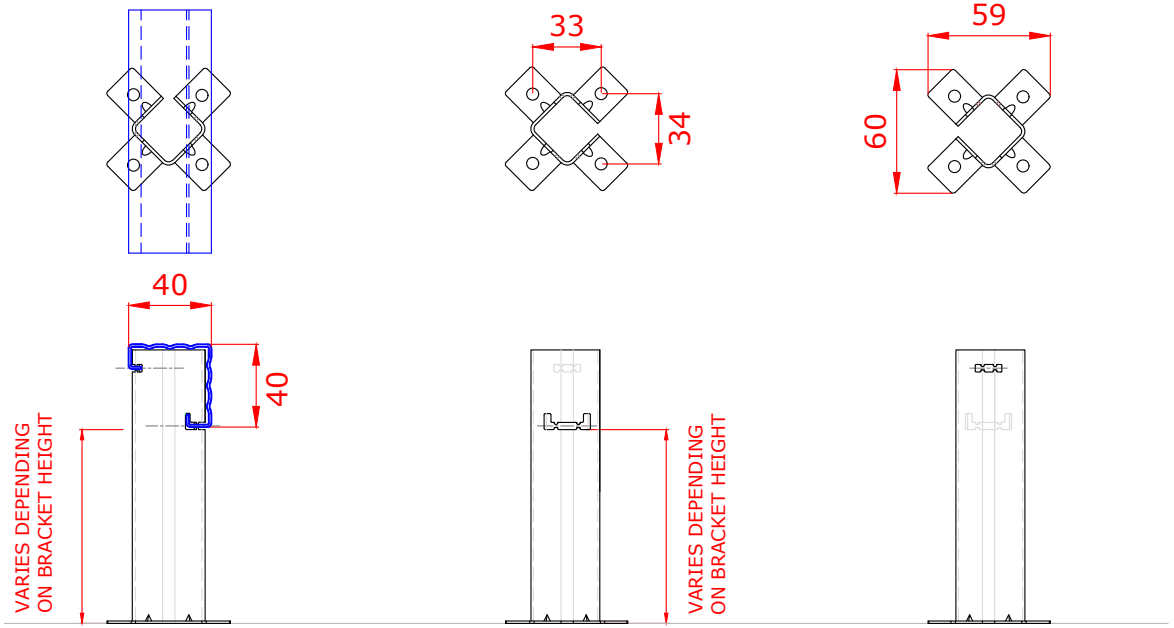
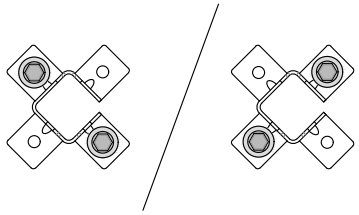
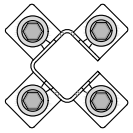




Brackets less than 260mm require 2 fixings diagonally opposite.
Brackets 260mm or more require 4 fixings.



< 260mm



≥ 260mm

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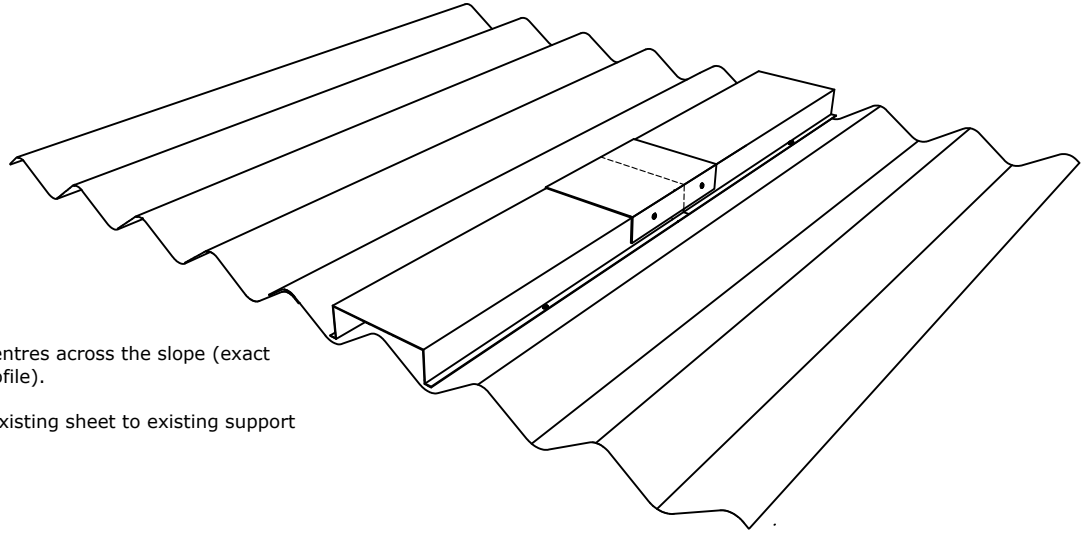
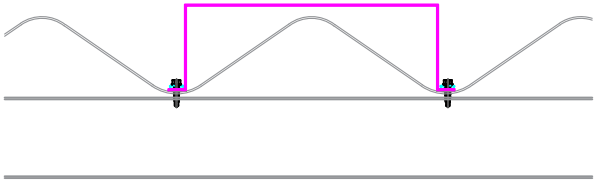


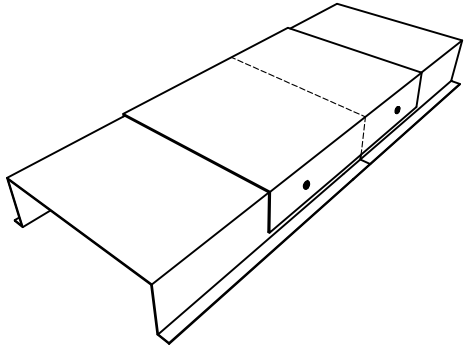
Tophat sections in continuous runs upslope at maximum 1.2m centres across the slope (exact centres to be confirmed, dependant on pitch of existing outer profile).

Tophats to fit over existing roof profile rib and fixed through to existing sheet to existing support structure.



Tophat section gauge dependant existing profile. A thicker gauge material may be required if the profile pitch is large.

Fixings into tophats, through existing profile into structure will need to be confirmed specifically to suit existing profile thickness and support structure.



2mm galv splice connectors are required tophat to tophat.

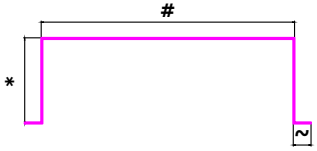
Fixing the splice connector to the tophat - minimum of 4 fixings (two each side of the connector)
Brackets should not be fixed to the splice connector

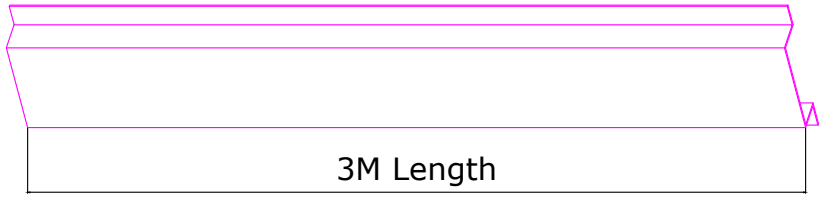
Tophat size can be adjusted according to site requirements

 # Tophat width to span over existing profile crown.

∗ Tophat height dependant on existing profile depth and minimum 10mm clearance space

~ Tophat Legs dependant on trough width





Material: 2mm Galv

refresh

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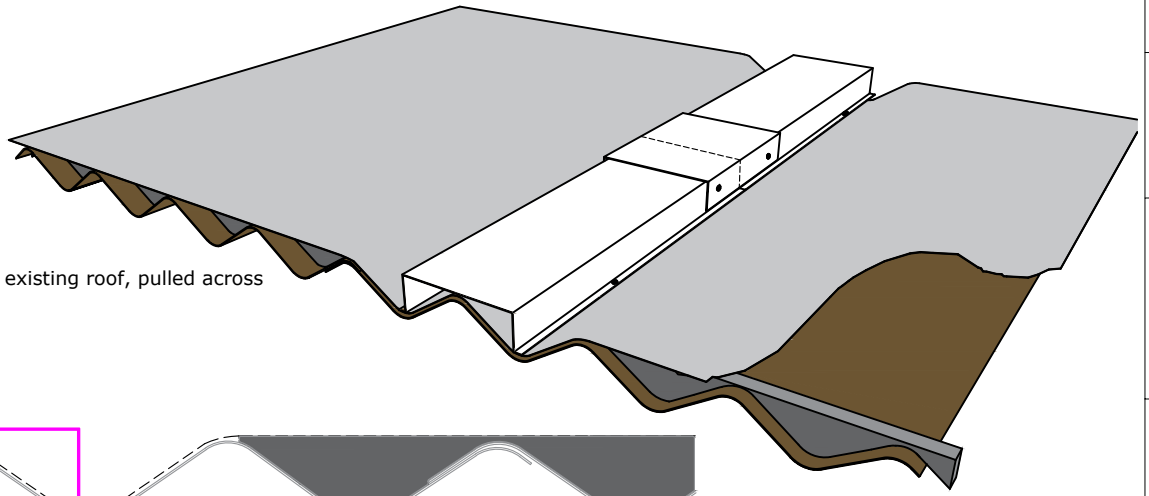
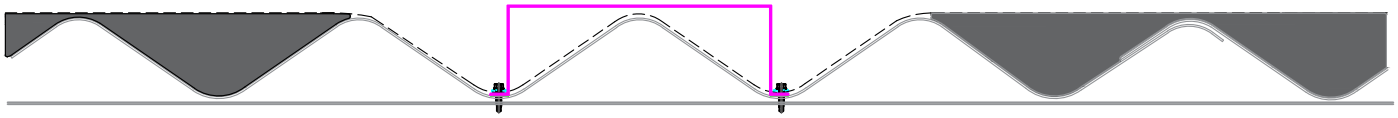
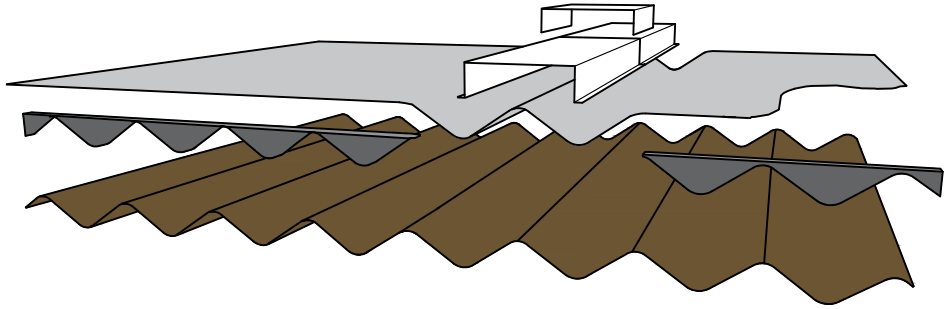


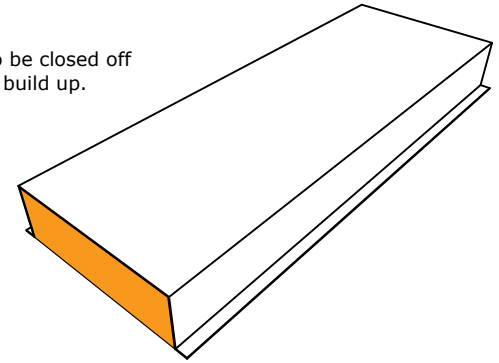
Vapour Control Layer Position;
Vapour Control Layer to to sit loose under the new tophat and laid over existing roof, pulled across the existing crowns.
Vapour Control Layer sealed to the perimeter of existing sheets.



Use profiled fillers matching the existing profile to prevent air flow between the existing roof surface and new Vapour Control Layer. Fillers to be sealed to both existing profile and Vapour Control Layer with mastic .



Tophat ends at eaves and ridge to be closed off to prevent air flow within the roof build up.



Note; Existing Bolts may be sheared to prevent puncture of VCL.
VCL should not be compromised.