



TITLE: Vieo Horizontal Wall Covering (On Ply or OSB)
DWG NO: V11_HWC_TD_System
SCALE: NTS
ISSUE DATE: Feb 2019

(To be read in conjunction with Vieo system specification documents)

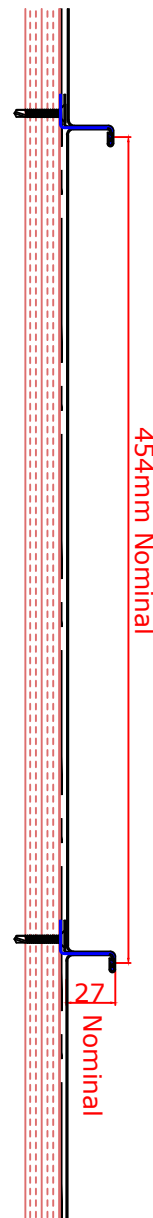
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Wentloog Road, Cardiff CF3 2ER
Tel: +44 (0)2922 010101
Fax: +44 (0)2922 010122
Website: www.vieorooft.com**

Drawn by: PCI Checked by: MP

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Standard offer is 454mm profile.
Also available on request in other widths from 200mm to 517mm.
Above 454mm is not Technically supported.

Ply/Timber/OSB facing
by Others in accordance
with relevent standards.





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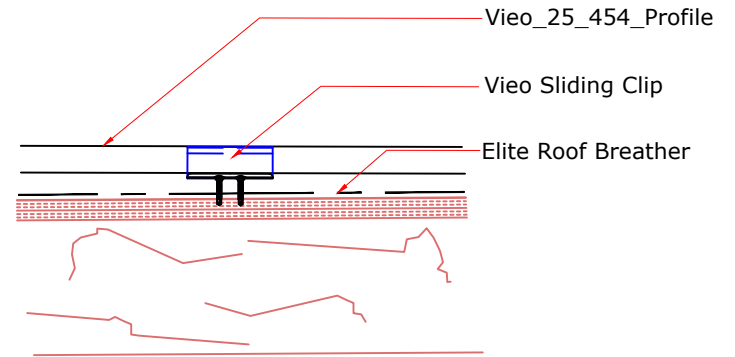
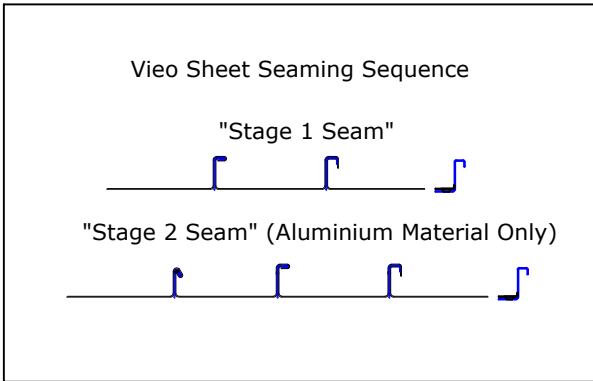
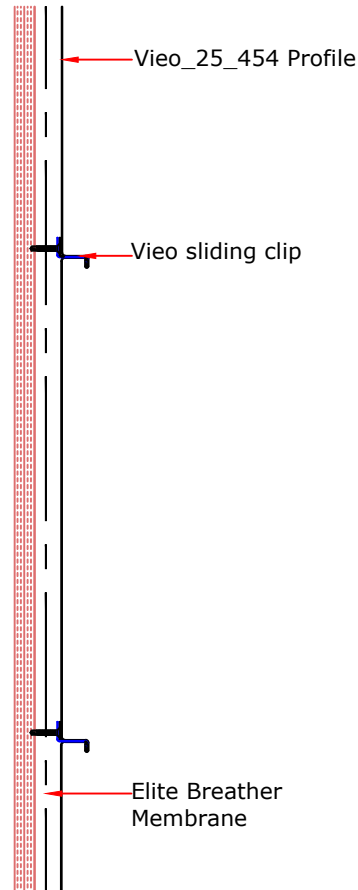
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Ply/Timber/OSB facing by Others in accordance with relevant standards.



Ply/Timber/OSB facing by Others in accordance with relevant standards.

TYPICAL ARRANGEMENT: 1260mm IN CENTRAL AREAS, REDUCE CLIP CENTRES AT CORNERS AND IN HIGH LOAD AREAS.

CHECK SYSTEM CAPACITY AGAINST PROJECT LOADS AND ADJUST IF NECESSARY

CLIP TYPICAL CENTRES (APPLICABLE FOR STAGE 1 ALUMINIUM VIEO SHEETS ONLY):

DETERMINED BY PROJECT WIND SUCTION LOADS AS FOLLOWS:

1260mm for loads up to 0.8kN/M²

660mm for loads 0.8 to 1.2kN/M²

300mm for loads 1.2 to 3kN/M²

Where substrate is Min 18mm ply or Min 15mm OSB 3

IF HIGHER WIND LOADS ARE ANTICIPATED PLEASE REFER TO BELOW;

CLIP TYPICAL CENTRES (APPLICABLE FOR STAGE 2 ALUMINIUM VIEO SHEETS AND STAGE 1 STEEL VIEO SHEETS):

1260mm for loads up to 1.5kN/M²

660mm for loads 1.5 to 2.0kN/M²

300mm for loads 2 to 4kN/M²

Where substrate is Min 18mm ply or Min 15mm OSB 3



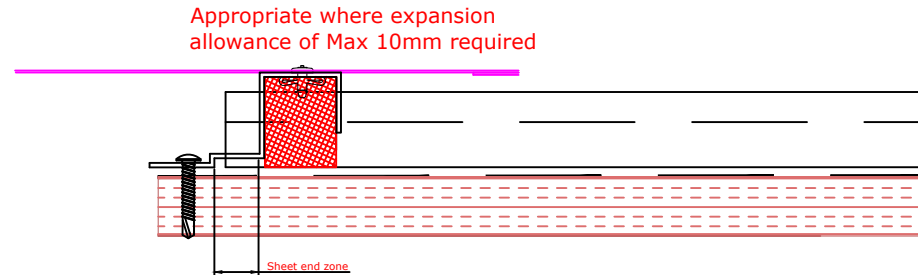
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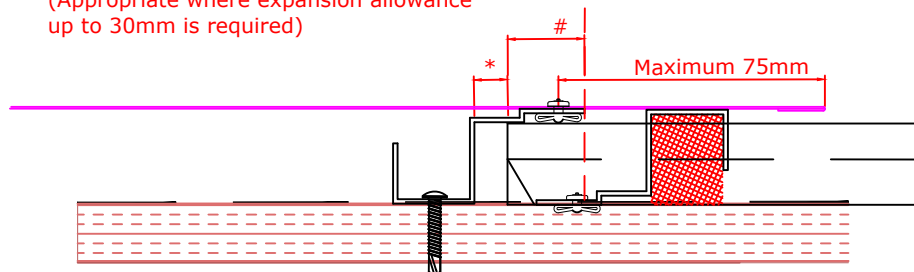
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**Movement allowed under flashings.
Closure with flashing fixed to decking and not through sheet.
Maximum allowable distance to next Vieo clip 300mm from closure fixing
Cover flashings fixed to structure and Vieo Closure**



Maximum allowable to next Vieo clip 300mm

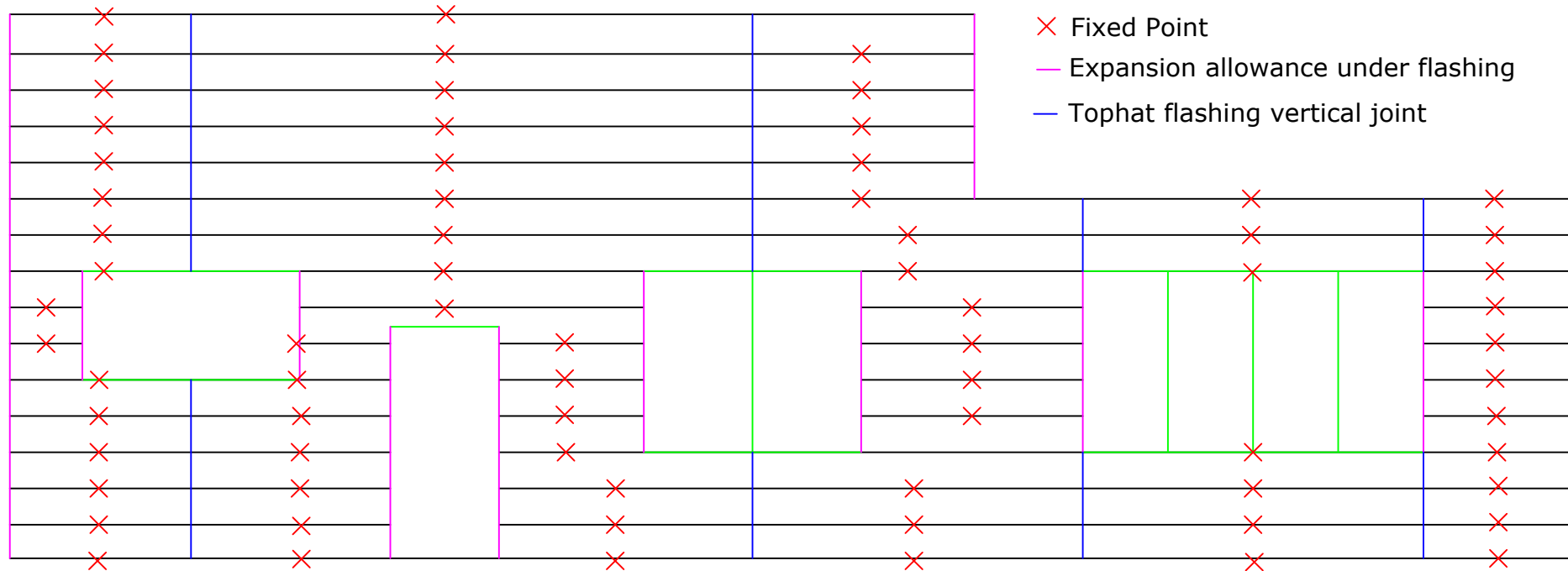
Flashing fixed to inverted Ridge Closure
(Appropriate where expansion allowance up to 30mm is required)



Rivet closure to sheet prior to application

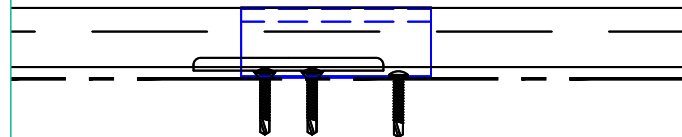
*** Allow clearance for anticipated movement between support Closure, end of Vieo sheet & Ridge Closure**

end of Vieo sheet must fall under downslope edge of inverted Closure



- × Fixed Point
- Expansion allowance under flashing
- Tophat flashing vertical joint

**Create fixed point using clip with additional fixing.
 Max sheet length 20M. For handling purposes this should be reduced.
 To divide expansion clearance required create fixed point in middle of sheet.**



Assembled Front View





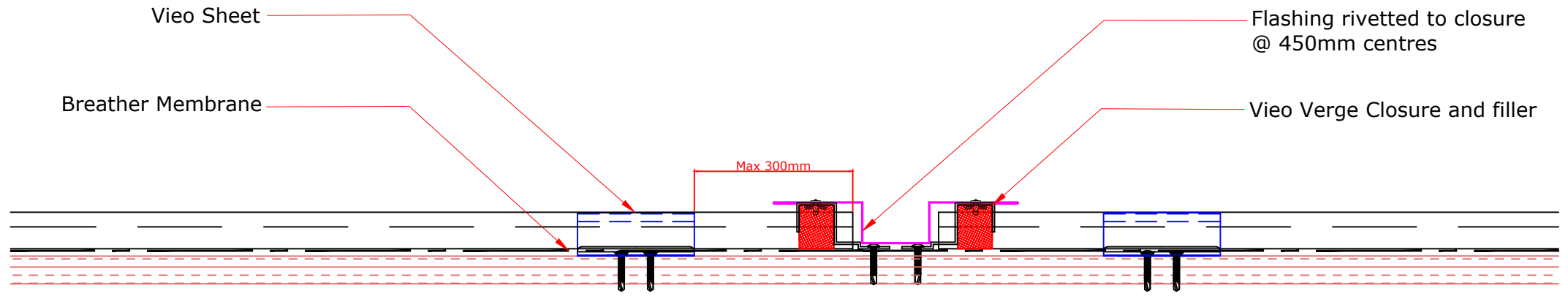
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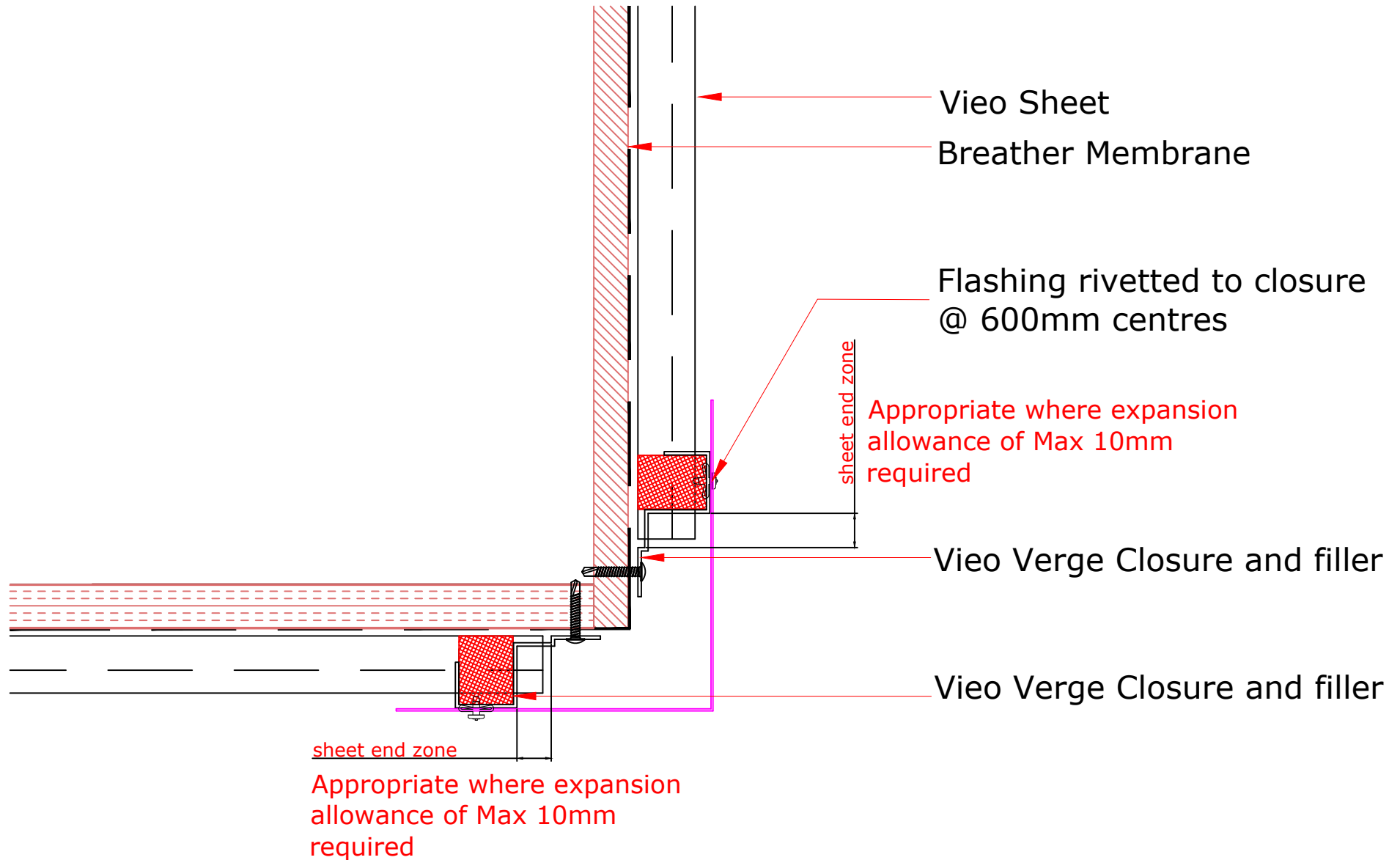
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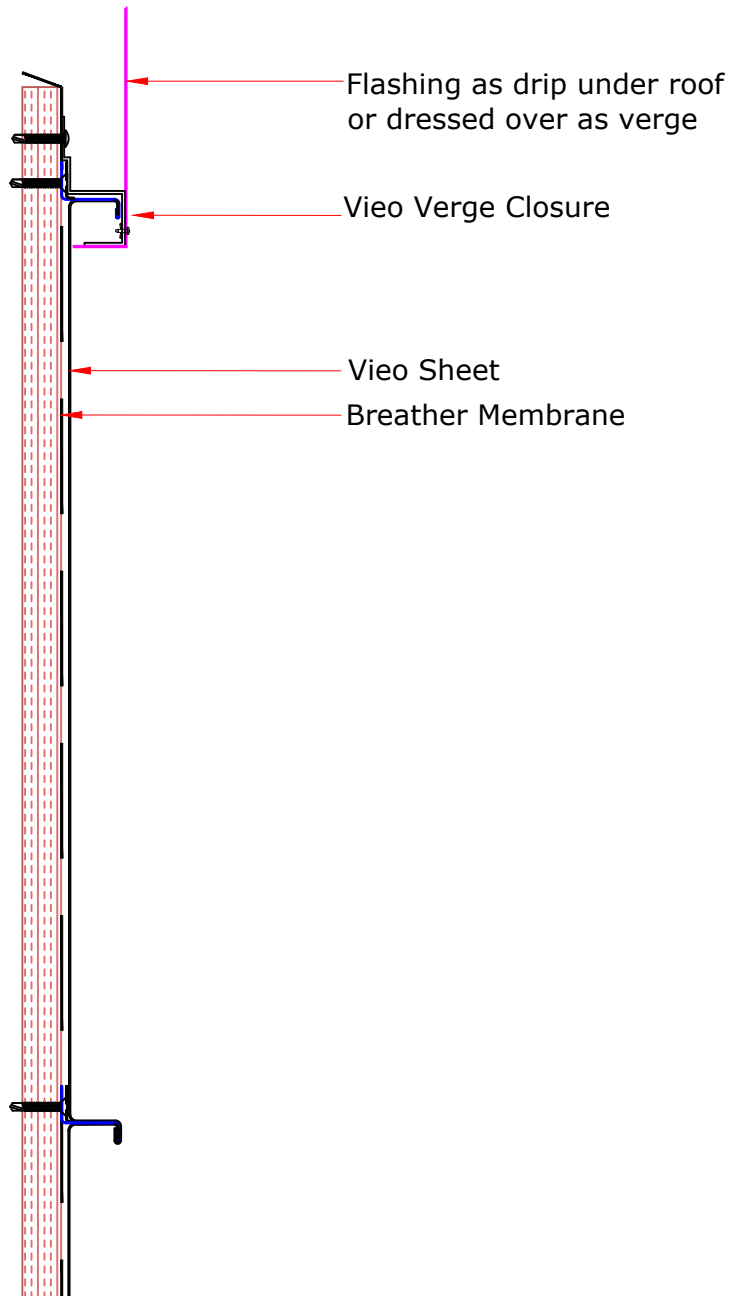
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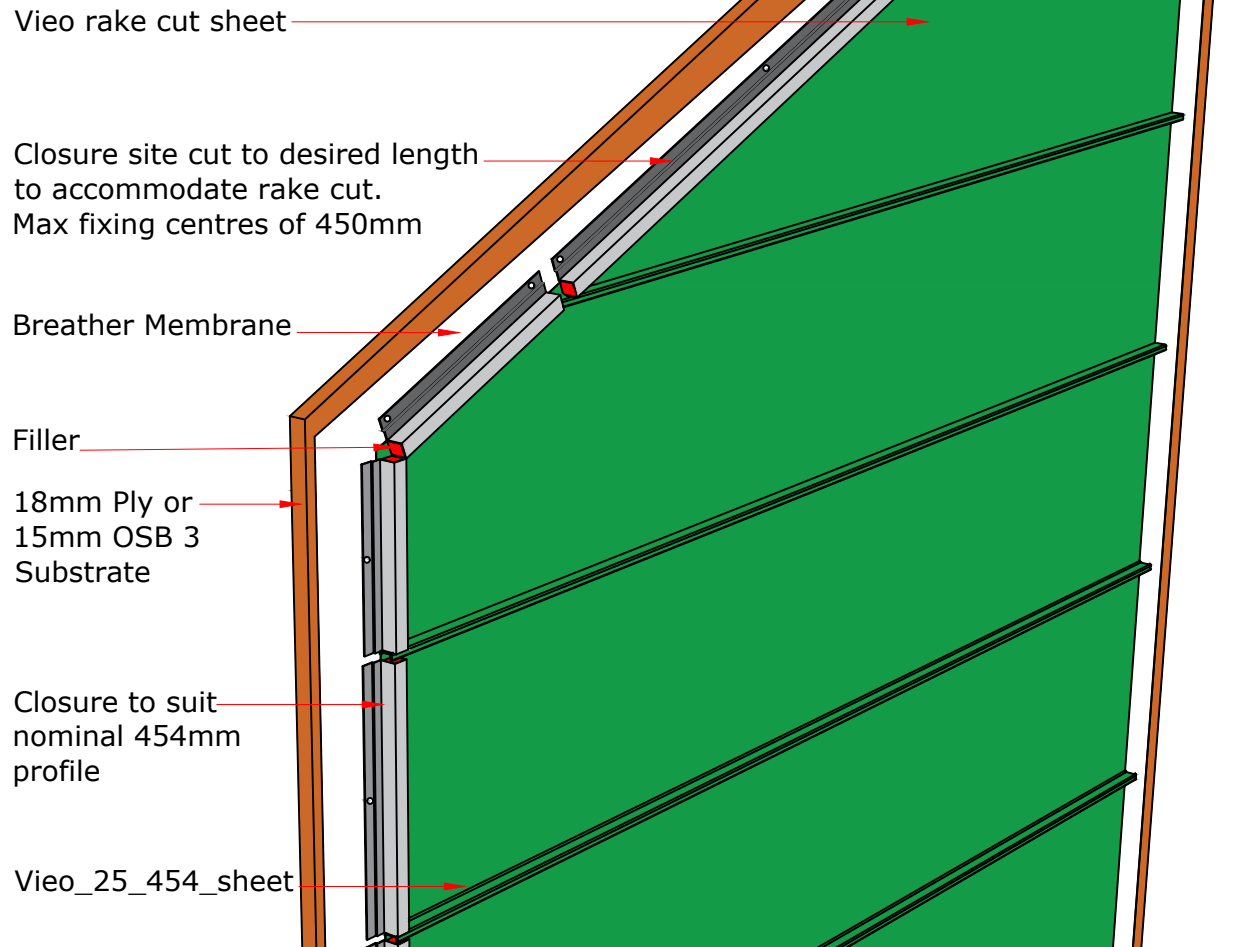
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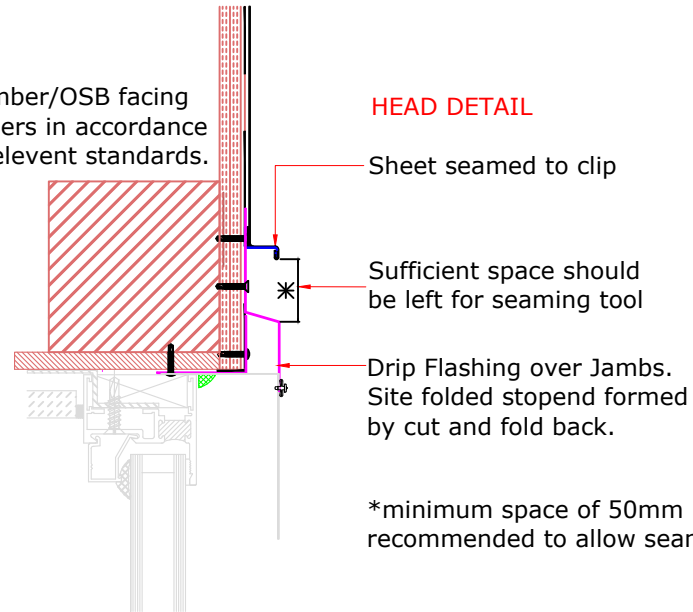


At gable ends it is normally necessary to use rake cut sheets with bespoke length fillers and closure sections. In some cases it may be possible to detail tapered sheets or flashings.



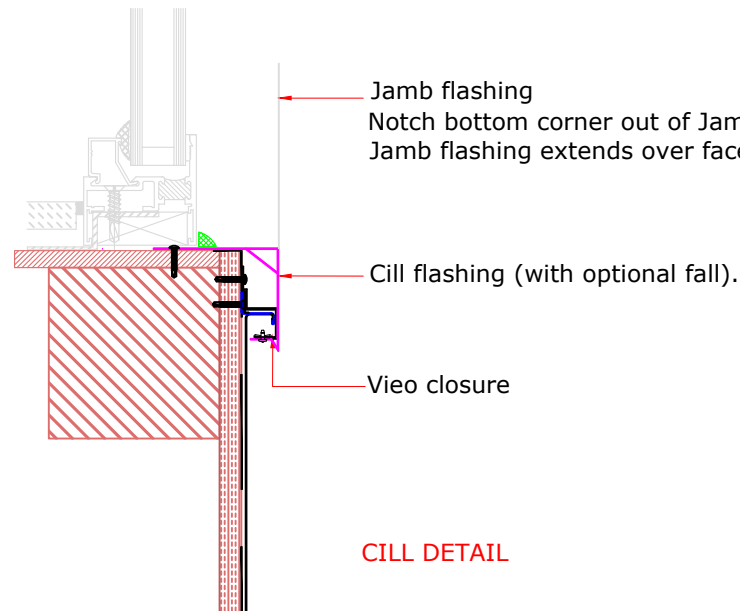
Ply/Timber/OSB facing by Others in accordance with relevant standards.

HEAD DETAIL



*minimum space of 50mm recommended to allow seaming

Jamb flashing
 Notch bottom corner out of Jamb & Cill flashings on site.
 Jamb flashing extends over face of Cill.



CILL DETAIL



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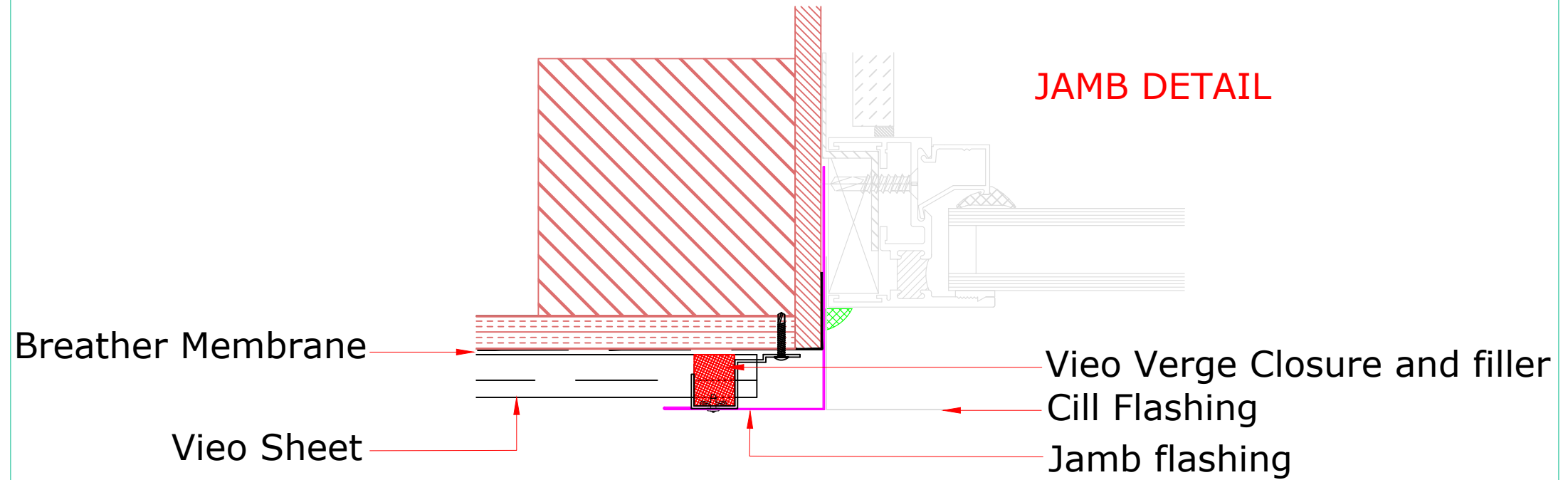
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JAMB DETAIL





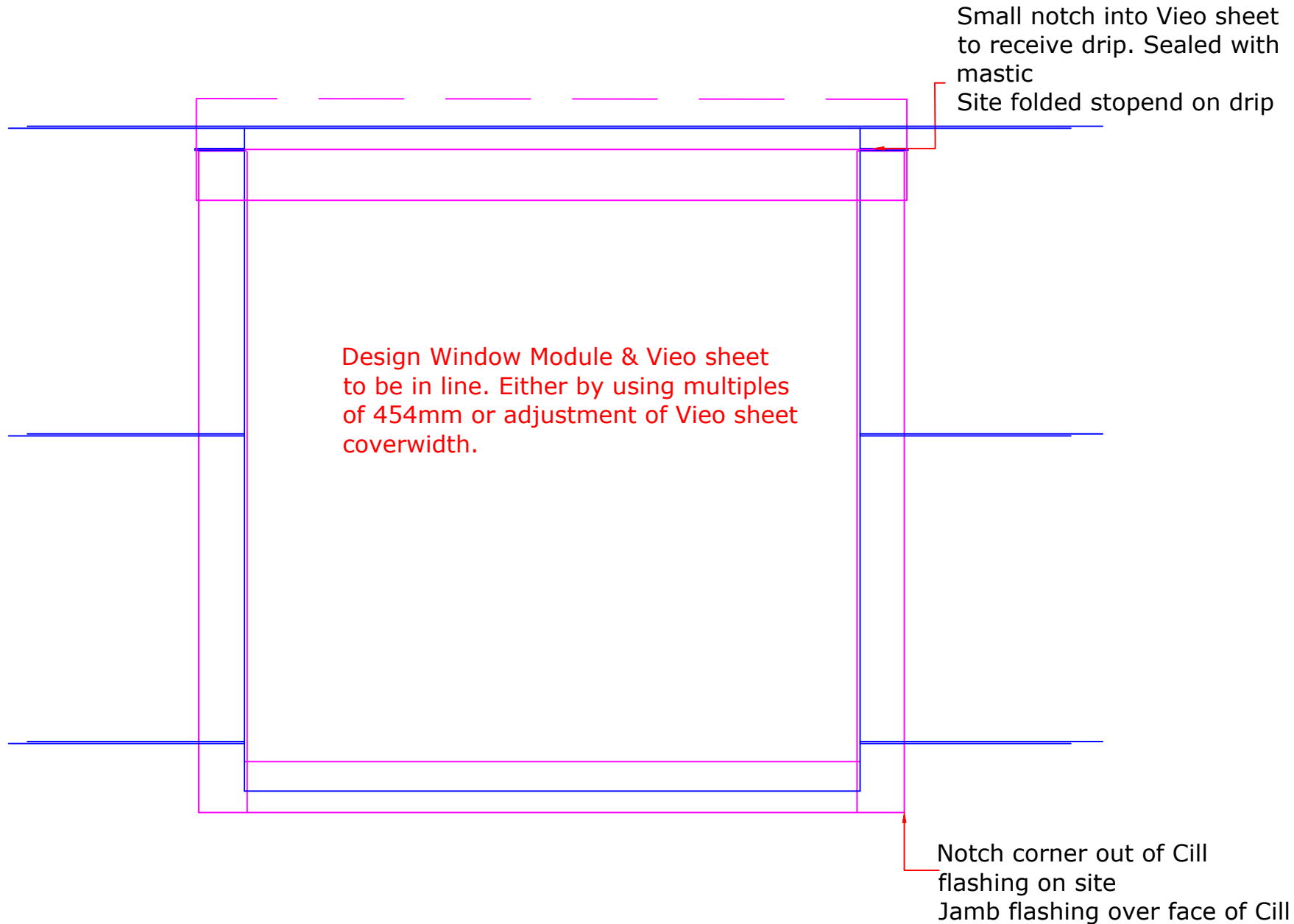
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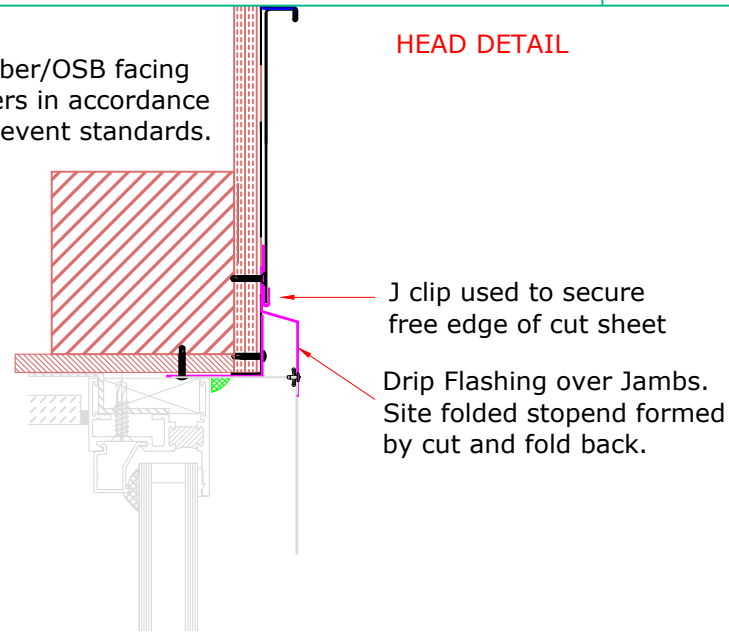
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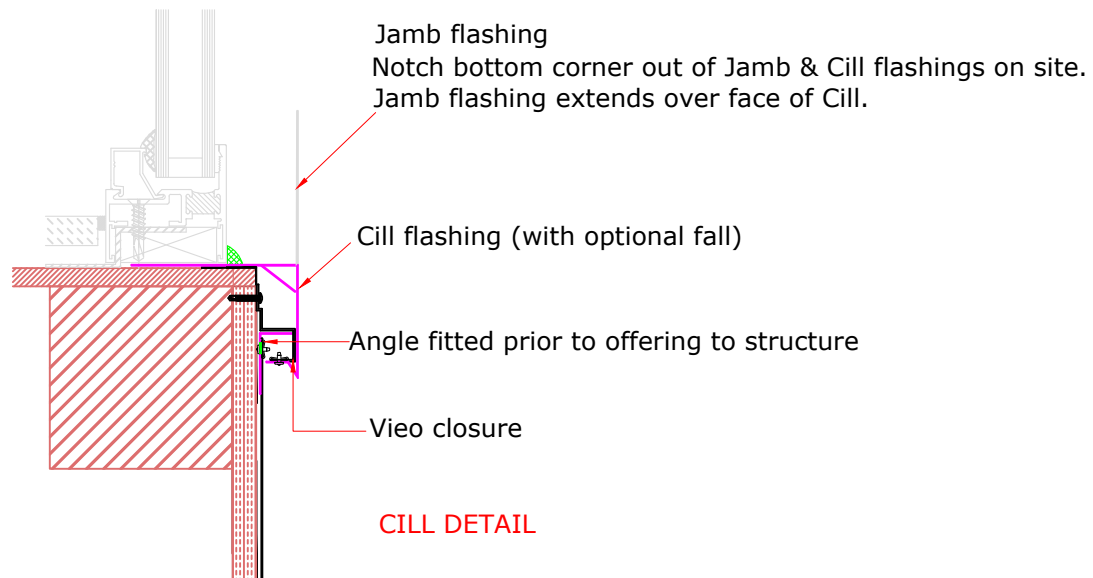
Ply/Timber/OSB facing
by Others in accordance
with relevent standards.

HEAD DETAIL



J clip used to secure
free edge of cut sheet

Drip Flashing over Jambs.
Site folded stopend formed
by cut and fold back.



Jamb flashing
Notch bottom corner out of Jamb & Cill flashings on site.
Jamb flashing extends over face of Cill.

Cill flashing (with optional fall)

Angle fitted prior to offering to structure

Vieo closure

CILL DETAIL

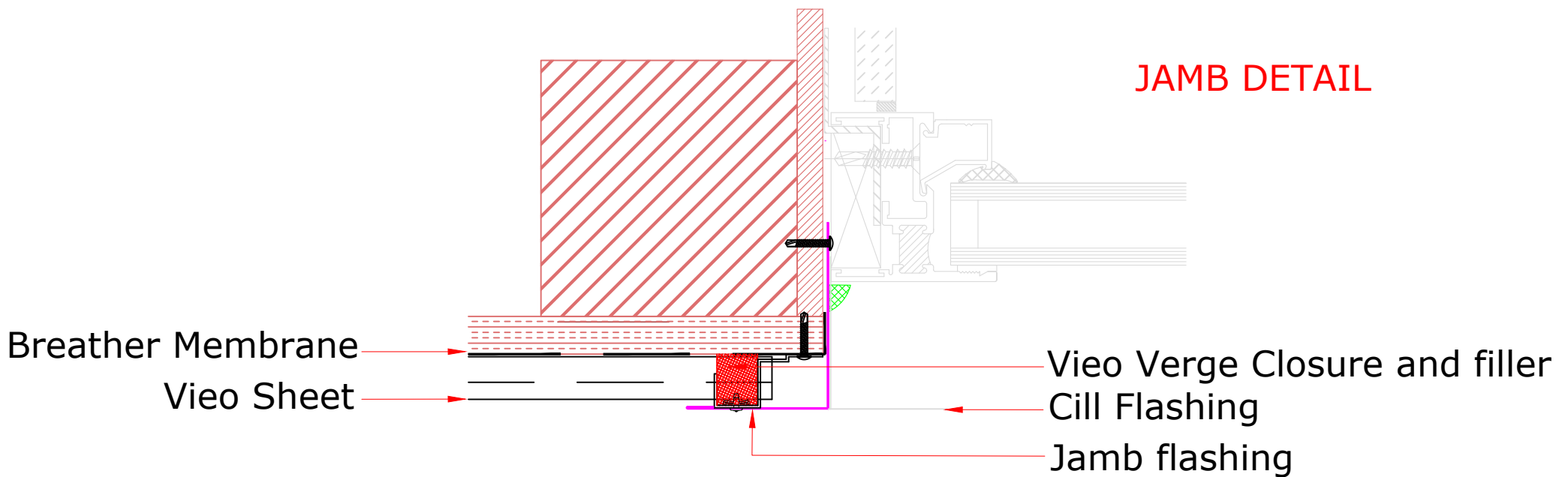


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Vieo Sheet
Breather Membrane

Sheet seamed to clip
Clip and lacquer visible
from underneath
Allow space
for hand seaming tool

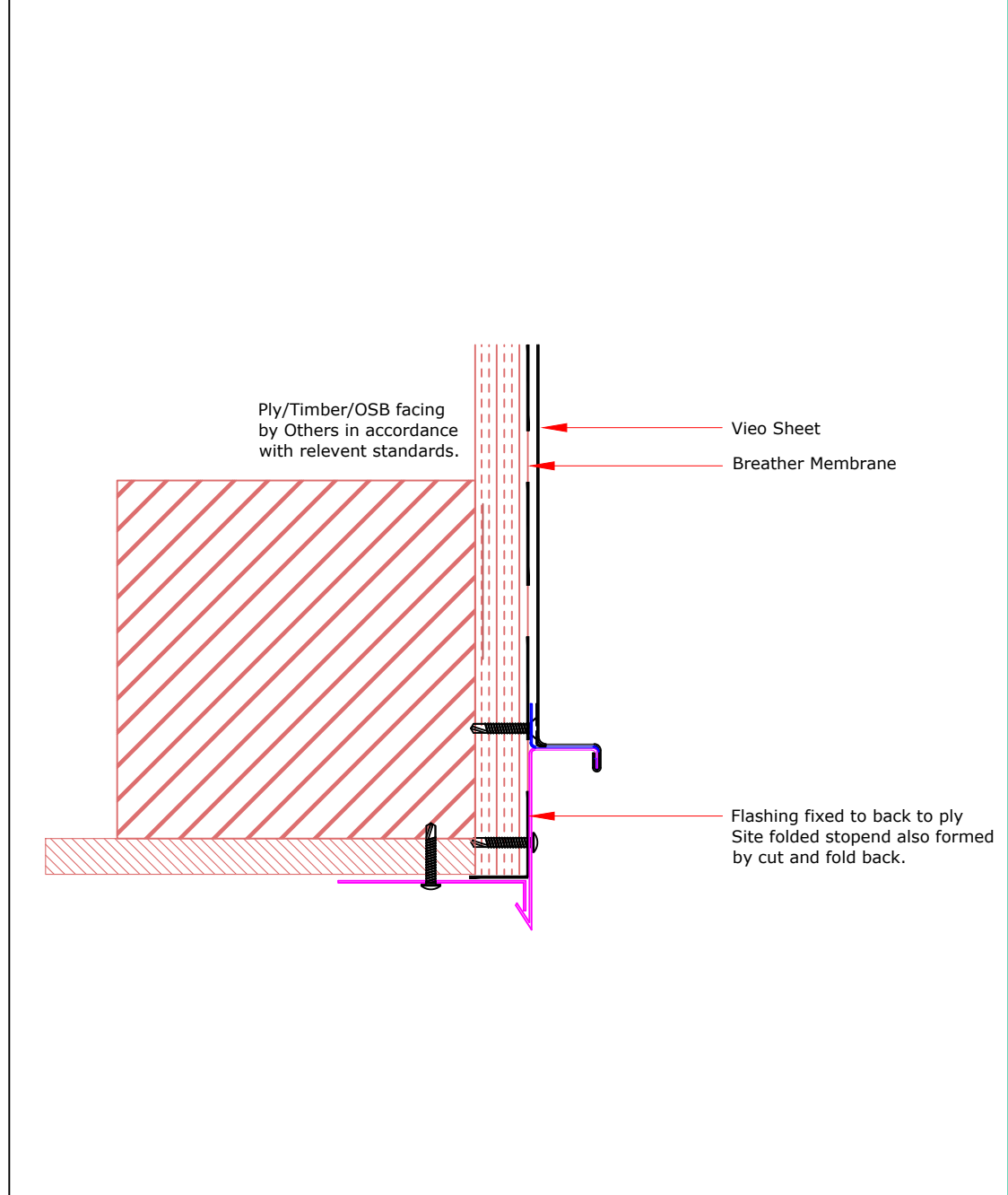
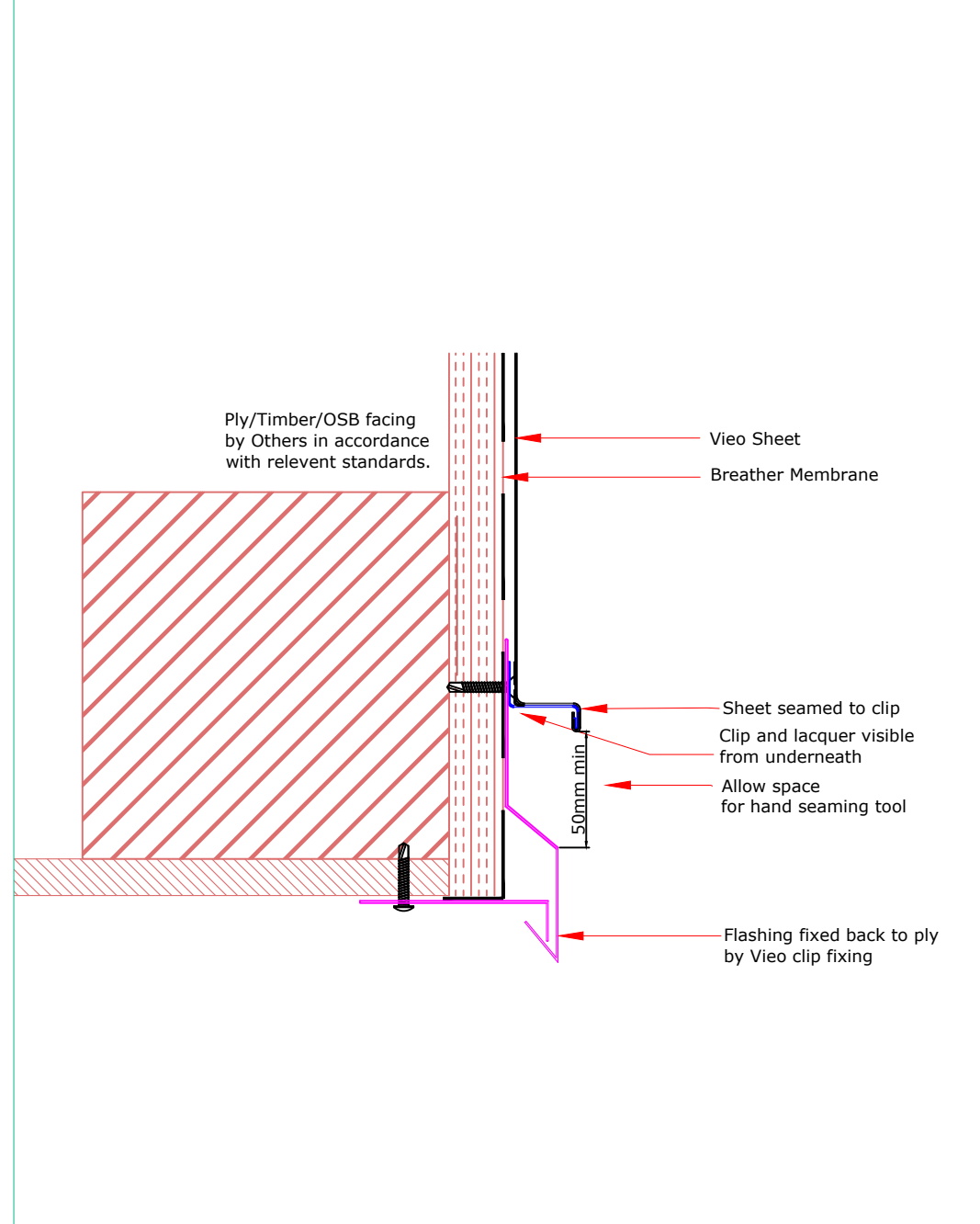
50mm min

Flashing fixed back to ply
by Vieo clip fixing

Ply/Timber/OSB facing
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Vieo Sheet
Breather Membrane

Flashing fixed back to ply
Site folded stopend also formed
by cut and fold back.





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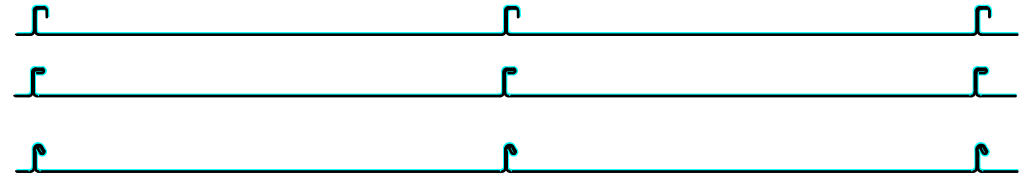
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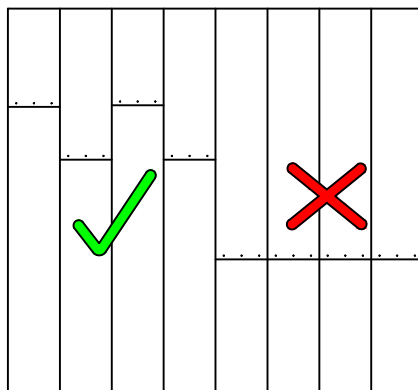
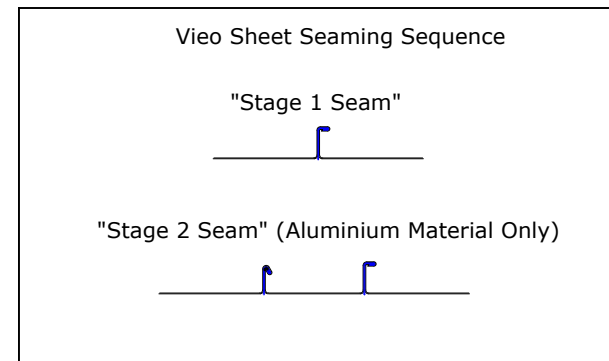
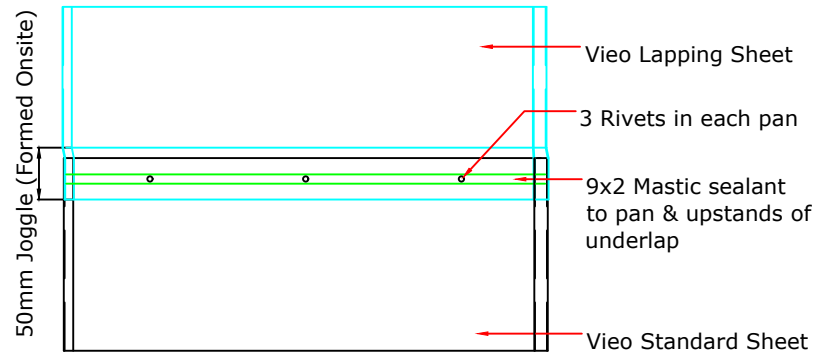
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RIVET ENDLAP DETAIL ONLY SUITABLE FOR PITCHES = / > 5°

For advice on fixed point locations please contact Euroclad Technical

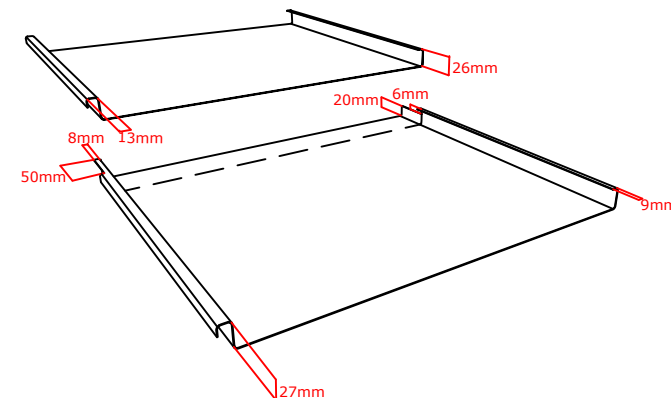


SEAMING OPTIONS AT END LAP



Lap joints must be staggered at least 100mm apart
Clips minimum 100mm from joint

Vieo Sheets cut on site prior to jointing





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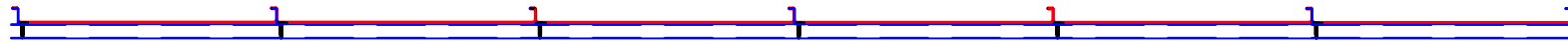
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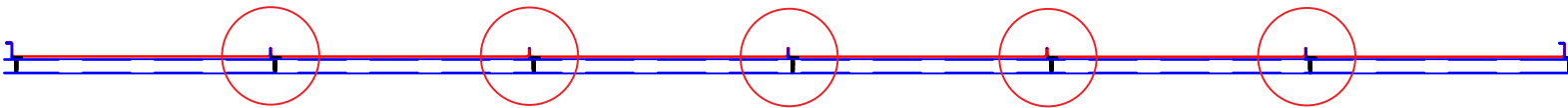
STEP 1

Damaged sheets in red



STEP 2

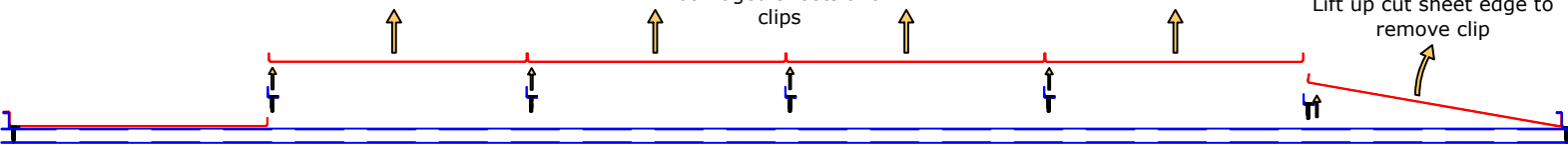
Cut off upstands of damaged sheets



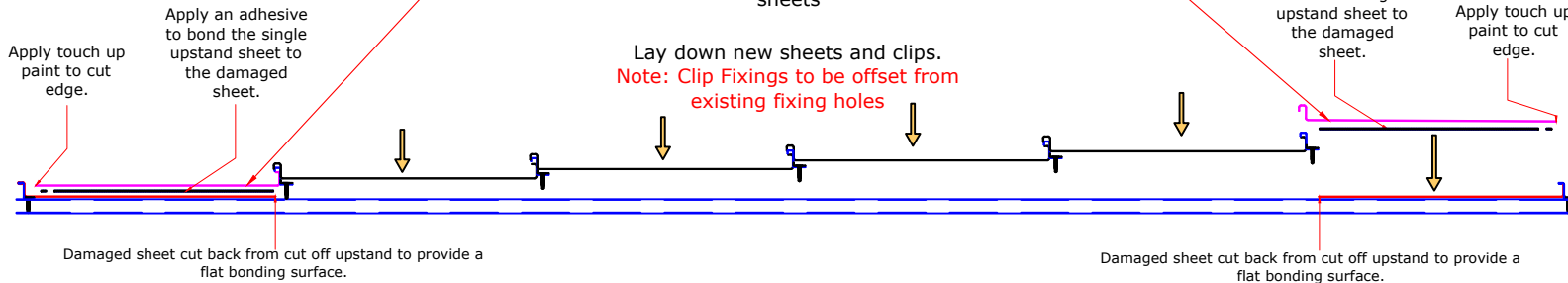
STEP 3

Remove the central damaged sheets and clips

Lift up cut sheet edge to remove clip

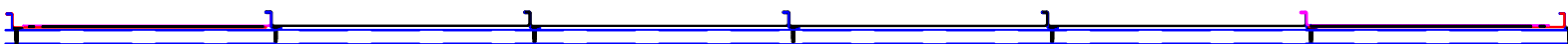


STEP 4

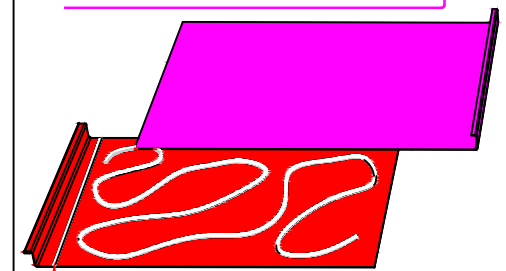


STEP 5

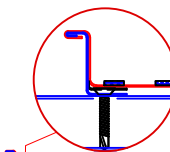
New sheets in place



Single upstand sheet should be manufactured narrower than what was originally ordered to allow for creep of new sheets.



Continuous run of adhesive set back by 10-15mm from sheet edge to be of consistent bead size.



Pressure should be applied to achieve a bond and seal along sheet length. Use sealed rivets if necessary.