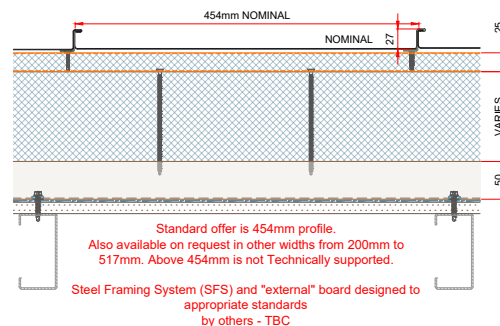


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To be read in conjunction with Vioo System specification documents.

For a document detailing insulation installation recommendations within our Vieo Systems, contact the Technical Team.

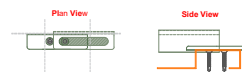


Alternative for use elsewhere on wall:
Create Sliding Point by aligning base part of clip
and fixing inside



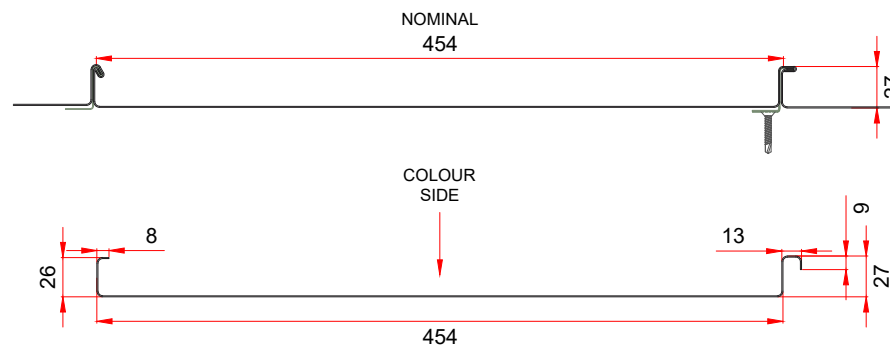
Alternative for use elsewhere on wall:
Create Fixed Point by offsetting base part of clip
and fixing either side

Create fixed point using clip with additional fixing.
Max sheet length recommended 20M.
To divide expansion clearance required create fixed point in middle of sheet.



Take note of anticipated direction of travel
when laying out sheets & fixing.

EC 25-454 VIEO



VIEO Systems

DRAWING TITLE

**VIEO Vertical
Warm Wall SFS HRB**

DRAWN: AK SCALE: NTS
CHECK: SC DATE: 05/08/2025

DRAWING STATUS

APPROVED

REVISION No

02

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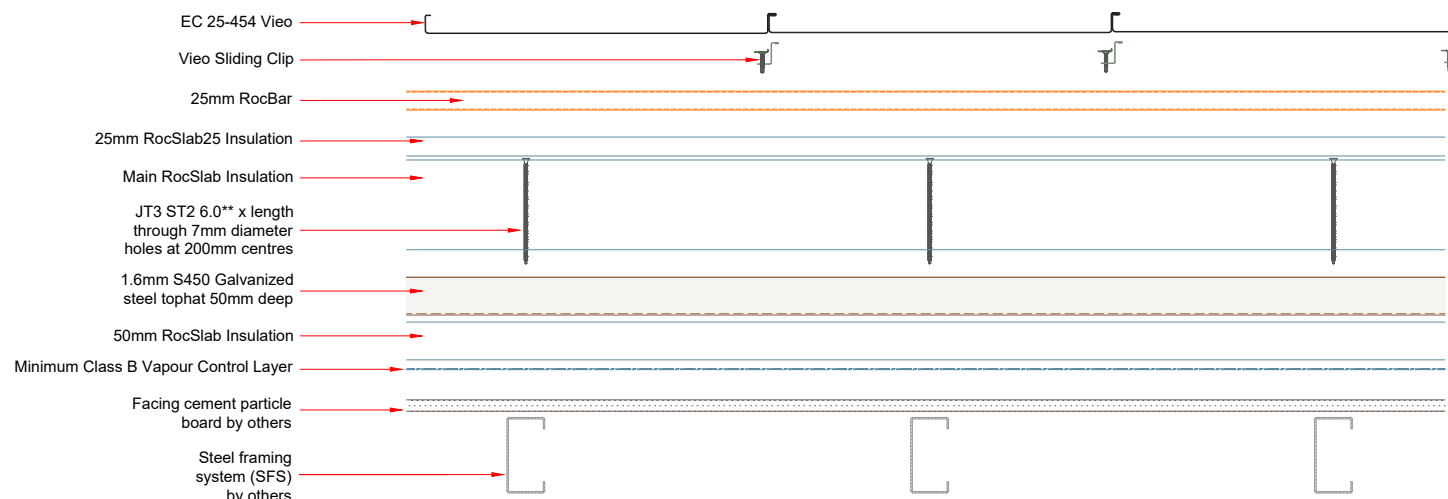
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To be read in conjunction with
Vieo System specification
documents.

Insulation excluded for
clarity.

DRAWING No
CD_SD_ECS_VWW_SFS_HRB_02

**VIEO VERTICAL WARM WALL SFS HRB
TECHNICAL INFORMATION**



U-values calculated without inclusion of minor contribution from boards, with 2mm SFS at 600mm centres

VIEO Vertical Warm Wall SFS HRB				
RocSlab mm	System Weight		System Depth (Excluding SFS and board)	U Value
	Steel 0.7mm	Aluminium 0.9mm		
50 + 115 + 25	35.35Kg/m ²	31.84Kg/m ²	219	0.24
50 + 150 + 25	39.66Kg/m ²	36.15Kg/m ²	254	0.20
50 + 170 + 25	42.11Kg/m ²	38.60Kg/m ²	274	0.18
50 + 205 + 25	46.43Kg/m ²	42.91Kg/m ²	309	0.16

Maximum sheet length 14m.

Longer sheets only through consultation and revision of standard specification.

The total effective length of sheet should be considered for detailing regarding movement, including if sheets are joined by end lapping.

HRB fixing from RocBar through main RocSlab to 50mm deep 1.6mm Galv tophat	
Main Rocslab mm	Fixing ref**
115	JT3 ST2 6.0 x 140
150	JT3 ST2 6.0 x 180
170	JT3 ST2 6.0 x 200
205	JT3 ST2 6.0 x 220

Fixing Galv steel tophat (predrilled) 1.6mm to SFS up to 2mm thick		
Max board thickness	16mm	JT3 3 6.3 x 38 S16
	28mm	JT3 3 6.3 x 50 S16
NB: for CP and other high density boards predrilling through the board is recommended.		
NB: Fixings into structure supplied by others		

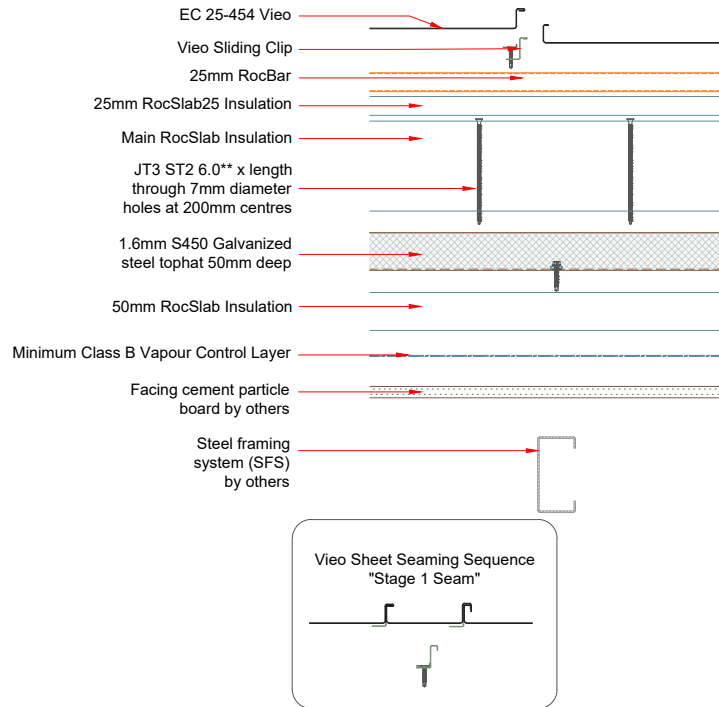
* For buildings described in Regulation 7(4), A1 or A2 classified VCL is recommended.

Where SFS frame is uninsulated: Class B Reaction to fire VCL. (A Class B "sacrificial" breather membrane may be left in situ if already fitted By Others). Class A1 or A2 products may be considered for buildings subject to Regulation 7 or for high risk buildings, though "membranes" are currently excluded from the requirements in Regulation 7.

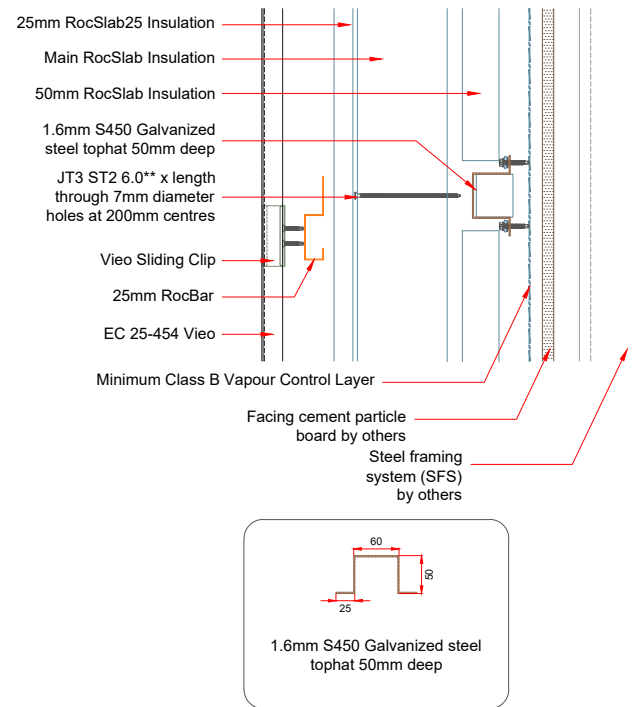
Where SFS frame is insulated: Class B Reaction to fire breather membrane on the face of the weatherboard. Adequate Vapour control should be provided to the inside of the SFS frame by others. Class A1 or A2 products may be considered for buildings subject to Regulation 7 or for high risk buildings, though "membranes" are currently excluded from the requirements in Regulation 7.

**Or alternative stainless steel self-drilling fixing as approved by Euroclad Technical.

VIEO VERTICAL WARM WALL SFS HRB SIDE LAP DETAIL



VIEO VERTICAL WARM WALL SFS HRB END LAP DETAIL



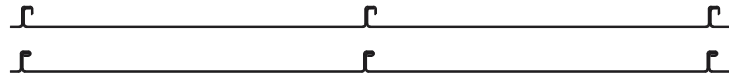
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To be read in conjunction with
Vieo System specification
documents.

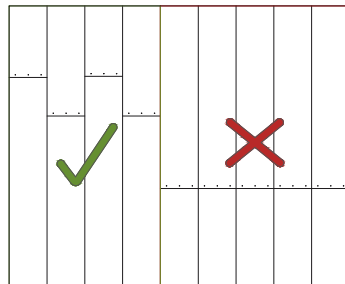
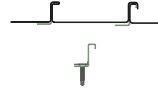
Insulation excluded for
clarity.

VIEO VERTICAL WARM WALL SFS HRB
JOGGLE JOINT



SEAMING OPTIONS AT END LAP

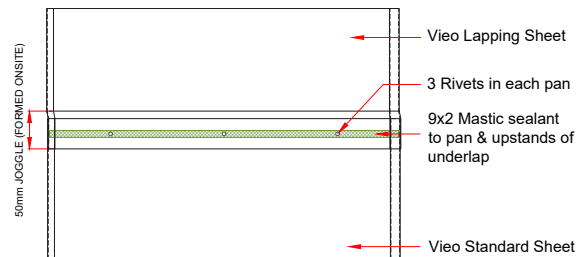
Vieo Sheet Seaming Sequence
"Stage 1 Seam"



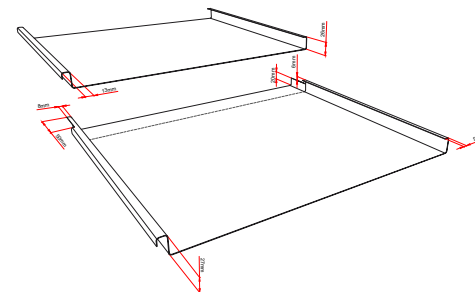
**LAP JOINTS MUST BE STAGGERED AT
LEAST 100mm APART.
CLIPS MINIMUM 100mm FROM JOINT**

**RIVET END LAP DETAIL ONLY SUITABLE FOR
PITCHES $\geq 5^\circ$**

FOR ADVICE ON FIXED POINT LOCATIONS PLEASE
CONTACT Euroclad Technical.



VIEO SHEETS CUT ON SITE PRIOR TO JOINTING



VIEO Systems

DRAWING TITLE

**VIEO Vertical
Warm Wall SFS HRB**

DRAWN: AK SCALE: NTS
CHECK: SC DATE: 05/08/2025

DRAWING STATUS

APPROVED

REVISION No

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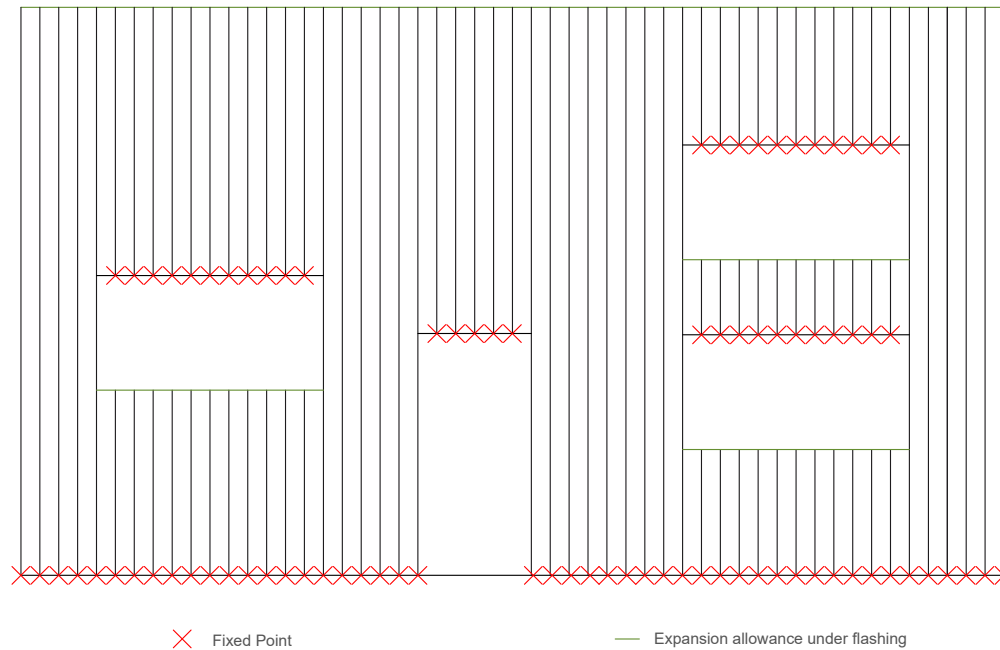
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**To be read in conjunction with
Vieo System specification
documents.**

DRAWING No

CD_SD_ECS_VWW_SFS_HRB_04

VIEO VERTICAL WARM WALL SFS HRB
TYPICAL FIXED POINT
POSITIONS



VIEO Systems

DRAWING TITLE

VIEO Vertical
Warm Wall SFS HRB

DRAWN: AK SCALE: NTS
CHECK: SC DATE: 05/08/2025

DRAWING STATUS

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REVISION Nr

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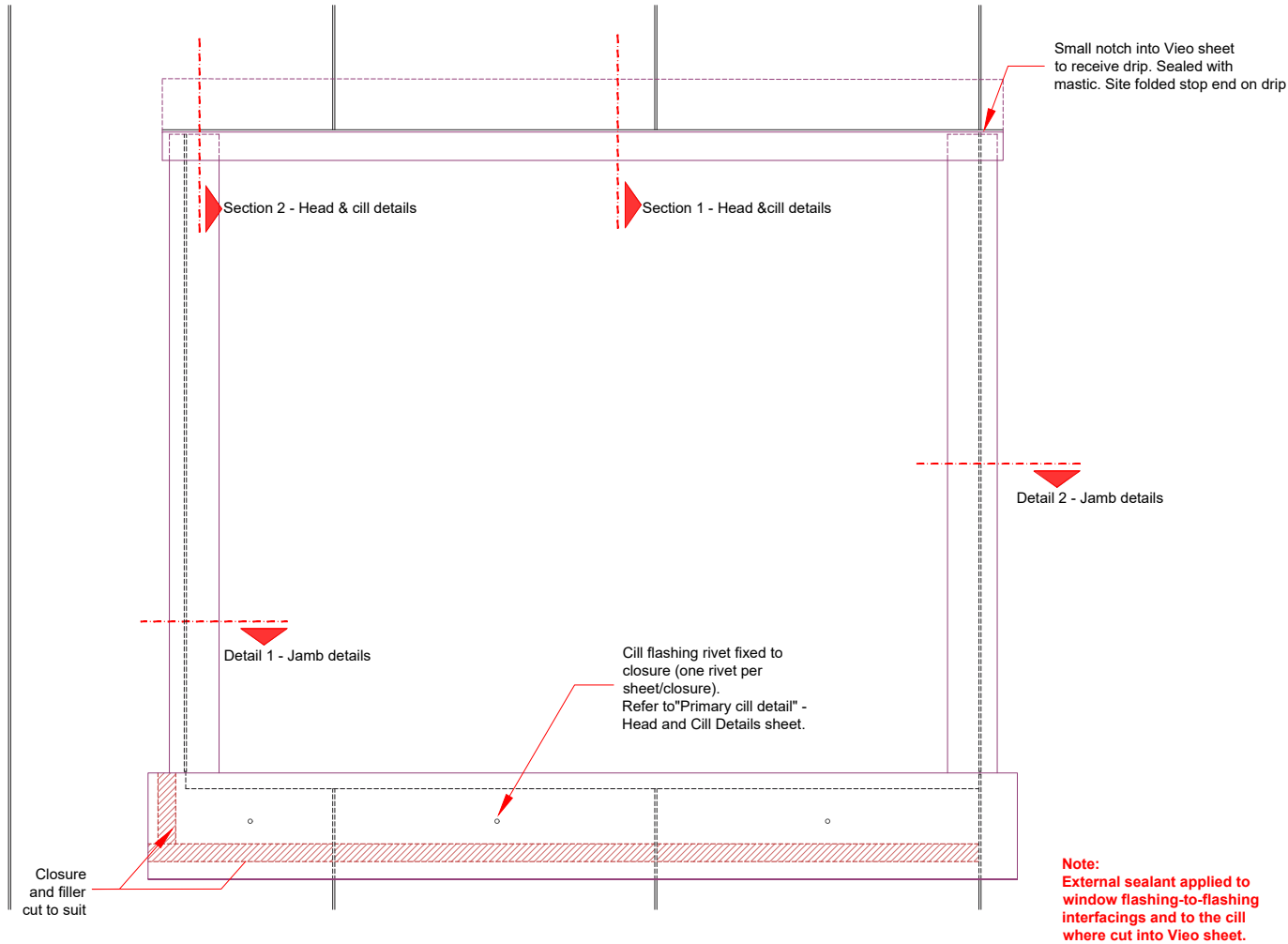
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To be read in conjunction with Vio System specification documents.

DRAWING Nr

CD_SD_ECS_VWW_SFS_HRB_05

VIEO VERTICAL WARM WALL SFS HRB
WINDOW ELEVATION



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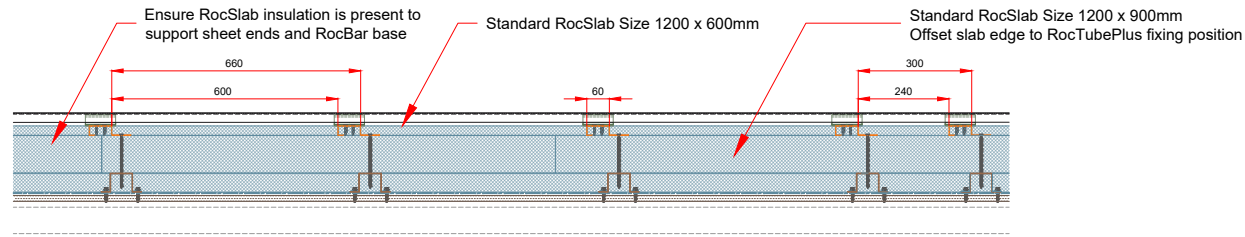
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**To be read in conjunction with
Vieo System specification
documents.**

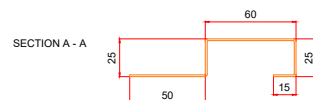
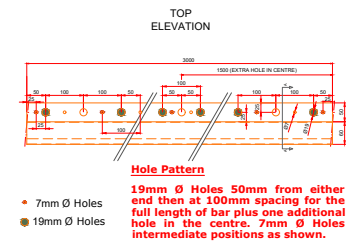
**Typical arrangement: 660mm in central areas, reduced clip centres at perimeters and in high load areas.
Check system capacity against project loads and adjust if necessary.**

**Clip typical centres for single seam aluminium only (Double seaming aluminium not applicable for walls)
Determined by project wind suction loads as follows:
660mm for loads 0.8 to 1.2kN/M²
300mm for loads 1.2 to 3kN/M²**

**If higher wind loads are anticipated please refer to below;
Clip typical centres for single seam steel only:
660mm for loads 1.5 to 2.0kN/M²
300mm for loads 2 to 4kN/M²**



VIEO VERTICAL WARM WALL SFS HRB **ROCBAR FIXING PATTERN**



SCALE 1:4



Standard Fixings Pattern: At Maximum 200mm Centres (15 Fixings Per 3000mm RocBar)

Where Offcuts are used:
A minimum hole to cut edge distance of 50mm is required.
Maximum 200mm fixing centres must be maintained & each offcut must have a fixing in each end hole.
The minimum offcut allowable is 300mm long with a fixing in each end.
If a shorter length then 300mm is required, rotate the rail and lap back.

SCALE 1:4



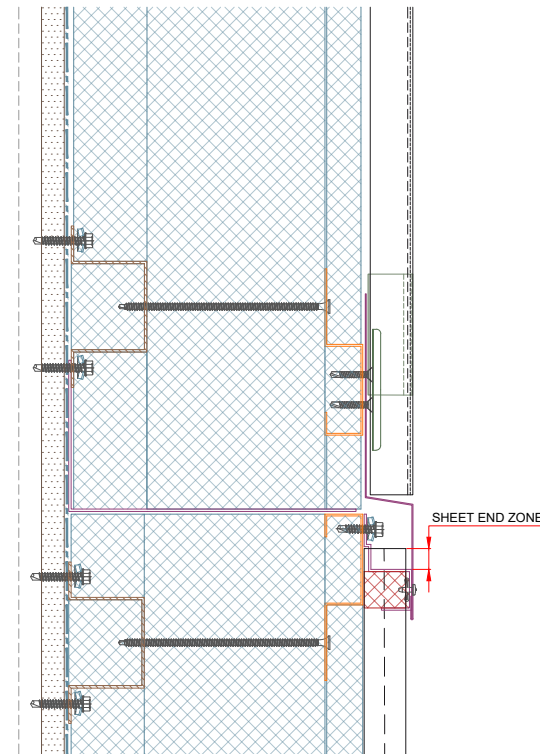
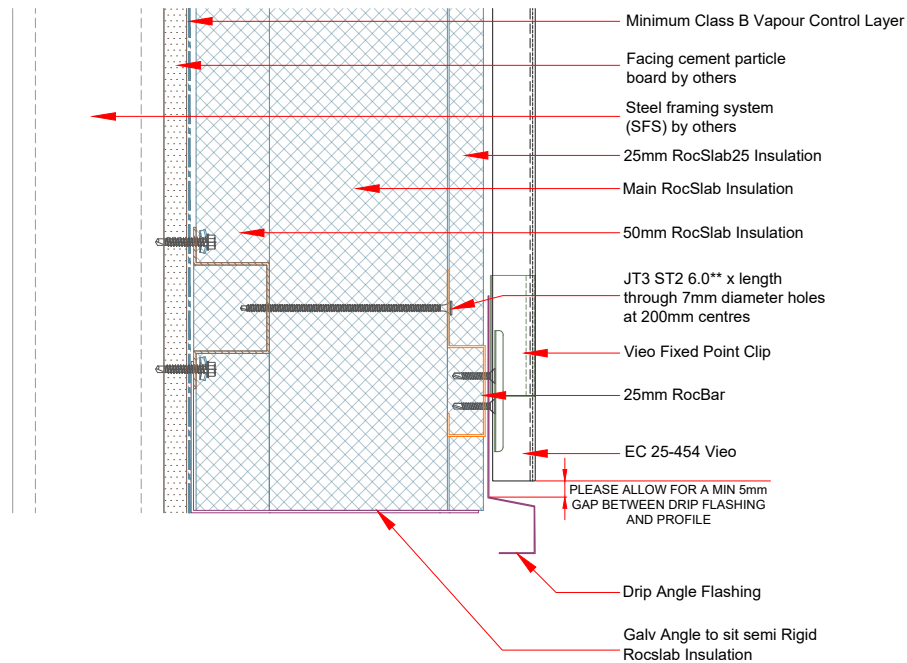
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To be read in conjunction with Vieo System specification documents.

VIEO VERTICAL WARM WALL SFS HRB
FIXED POINT

Create Fixed Point Using Clip with
Additional fixing typically positioned over
drip angle at sheet base.



Appropriate where expansion allowance of Max 10mm required

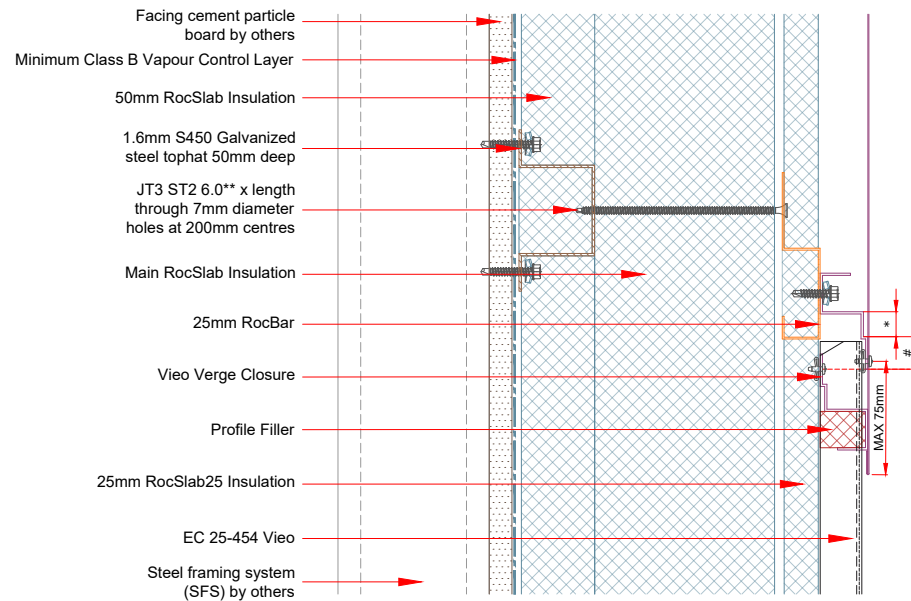
**Or alternative stainless steel self-drilling fixing as approved by Euroclad Technical.

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To be read in conjunction with
Vieo System specification
documents.

VIEO VERTICAL WARM WALL SFS HRB
EXPANSION DETAIL



**MOVEMENT TYPICALLY
ALLOWED AT TOP OF SHEET.**
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**

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

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

**# End of Vieo sheet must fall under
down slope edge of inverted Closure**

**Rivet closure to sheet prior
to application**

**Maximum allowable to
next Vieo clip 300mm**

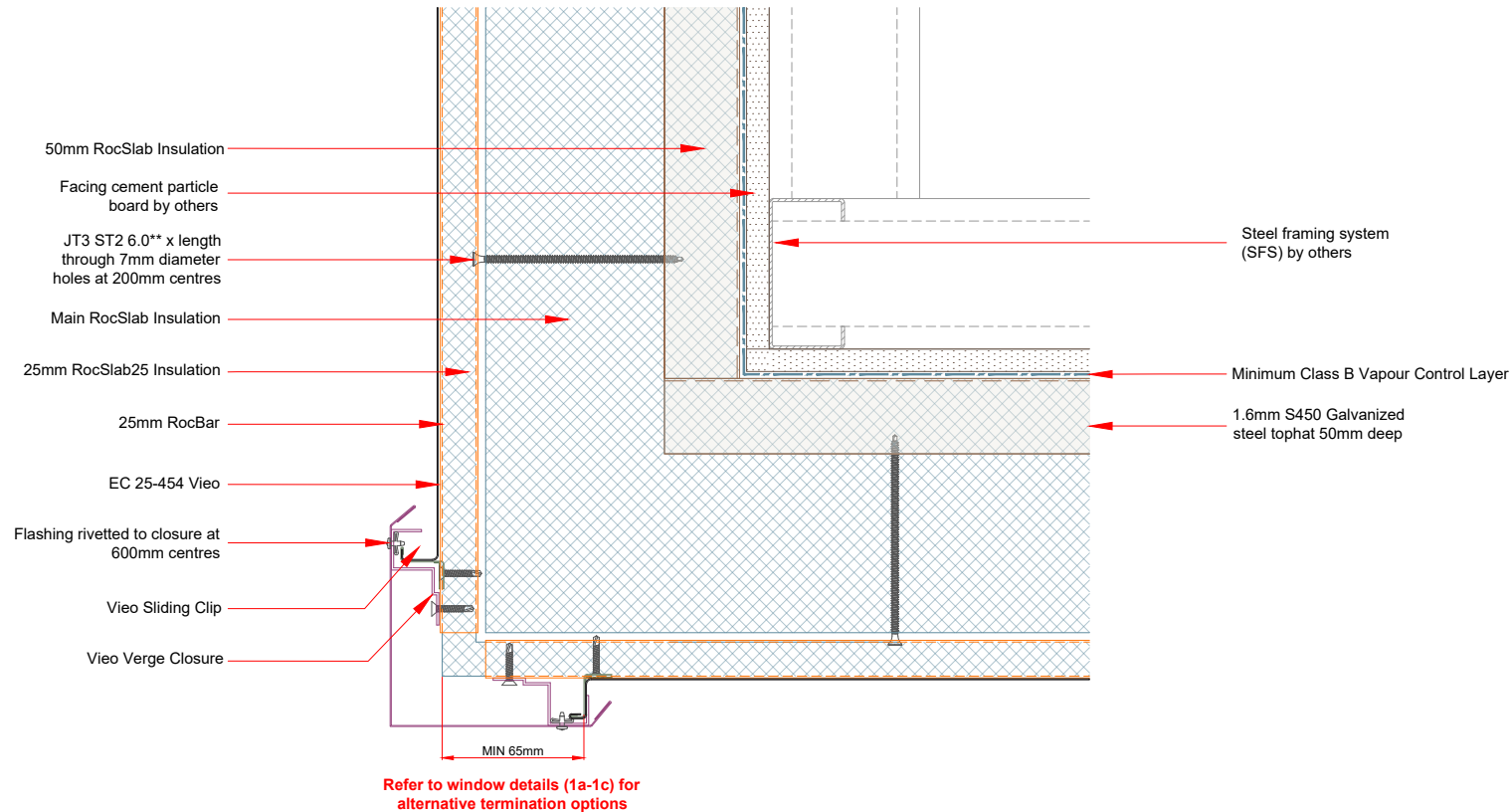
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**To be read in conjunction with
Vieo System specification
documents.**

**VIEO VERTICAL WARM WALL SFS HRB
EXTERNAL CORNER**

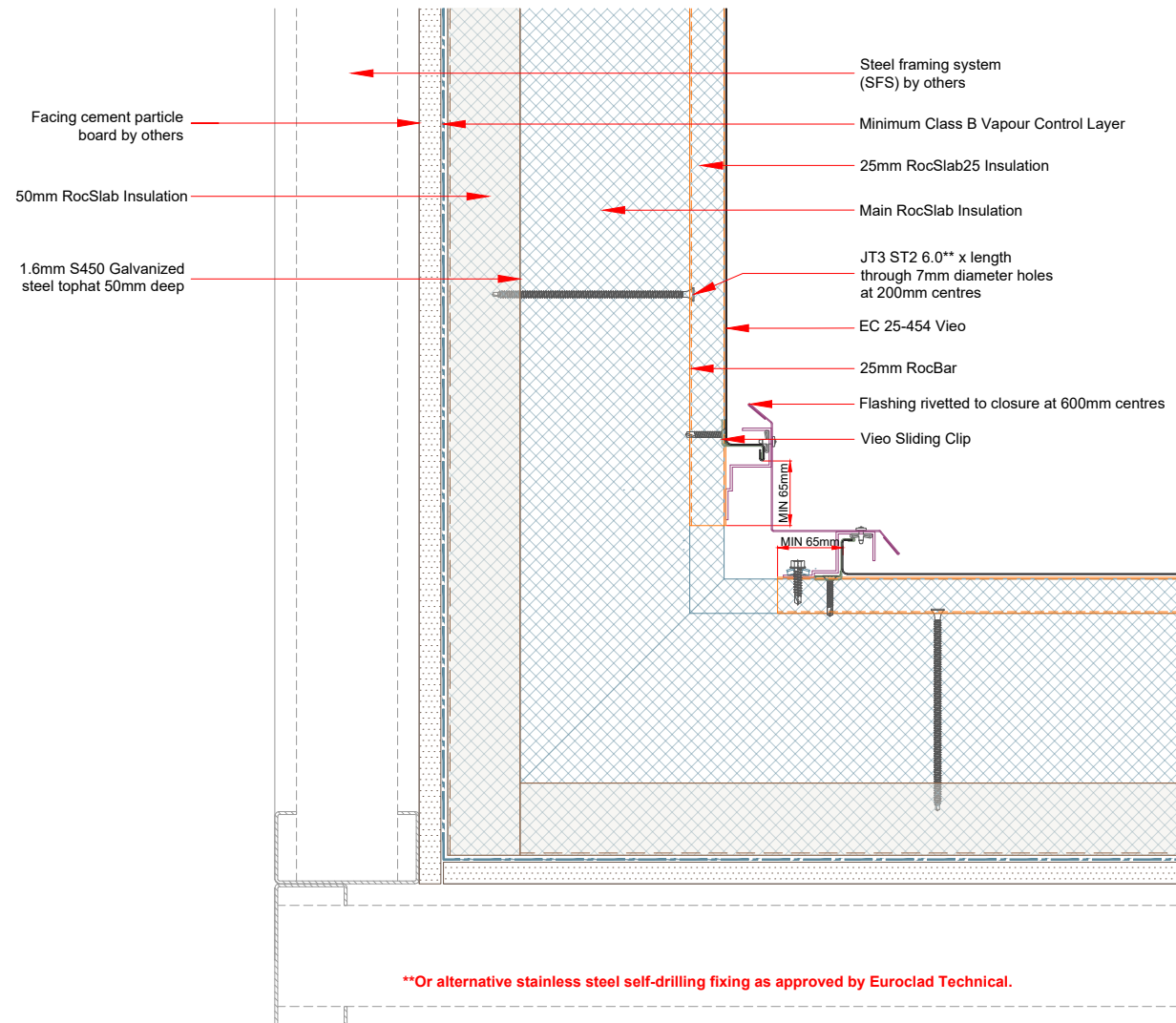


****Or alternative stainless steel self-drilling fixing as approved by Euroclad Technical.**

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**To be read in conjunction with
Vieo System specification
documents.**

VIEO VERTICAL WARM WALL SFS HRB
INTERNAL CORNER DETAIL



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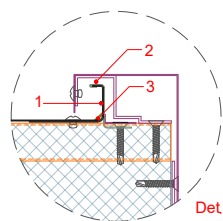
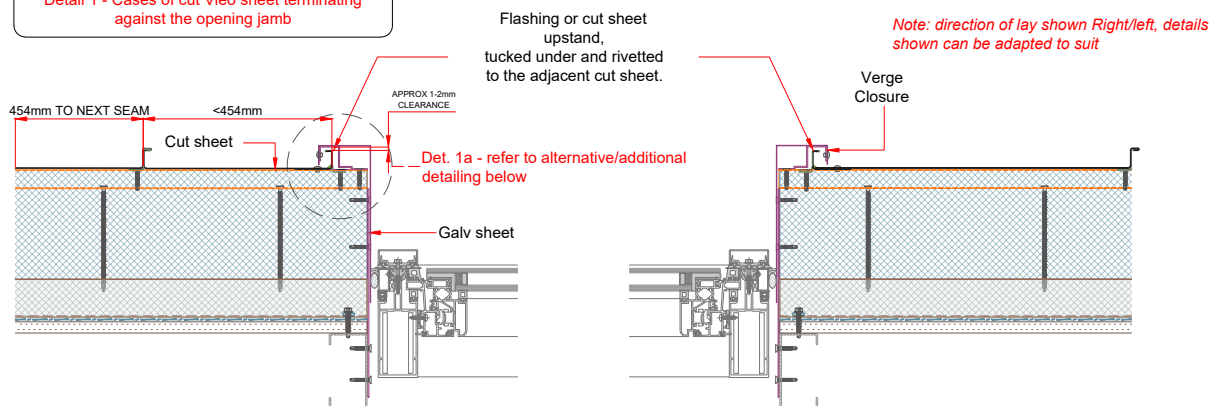
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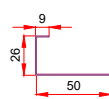
VIEO VERTICAL WARM WALL SFS HRB
WINDOW JAMB DETAIL 1

Detail 1 - Cases of cut Vieo sheet terminating against the opening jamb

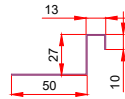


Det 1a

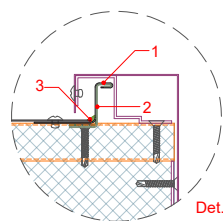
1. Flashing A (see below) rivetted onto cut sheet
2. Fix sliding clip after the cut sheet application and fold onto flashing A
3. Butyl sealant to be applied at the cut sheet edge along the angle



Flashing A



Flashing B

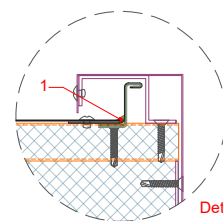


Det 1b

1. Flashing B OR cut sheet upstand (to be folded for 100mm min at all clip locations)
2. Sliding clip to be fixed before the last cut sheet application
3. Butyl sealant to be applied at the cut sheet edge along the angle

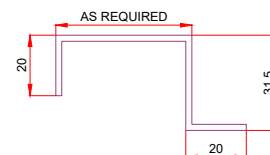
Euroclad flashing alternative to cut sheet upstand, manufactured from the same material as the sheet (0.7mm steel or 0.9mm aluminium)

Note: rivet can be fixed to the face of the flashing if there is sufficient clearance and is aesthetically acceptable to the Client



Det 1c

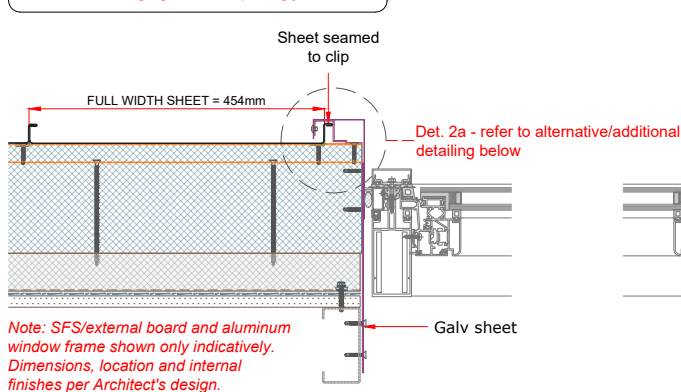
1. Butyl sealant to be applied at the cut sheet edge along the angle



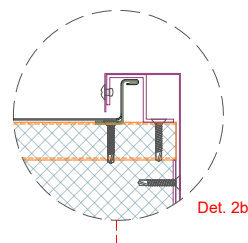
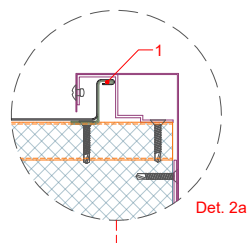
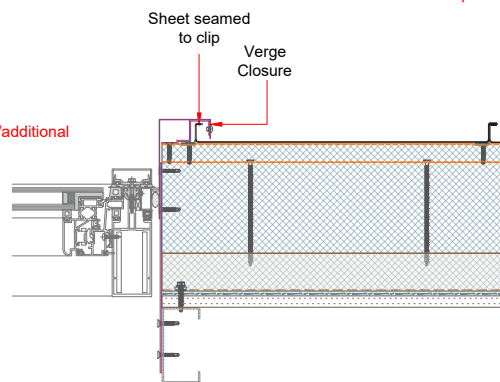
Bespoke 2mm thk flashing piece to extend the clearance and hide the face rivet

VIEO VERTICAL WARM WALL SFS HRB
WINDOW JAMB DETAIL 2

Detail 2 - Cases of full width Vieo sheet terminating against the opening jamb



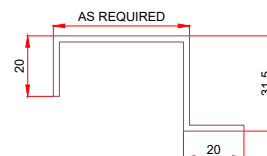
Note: direction of lay shown Right/left, details shown can be adapted to suit



- Seam to be folded for 100mm min at all clip locations

Additional clearance can be achieved with double seam (aluminium sheet only) for the full length of the detail

Note: rivet can be fixed to the face of the flashing if there is sufficient clearance and is aesthetically acceptable to the Client



Bespoke 2mm thk flashing piece to reduce the clearance (for a slimmer opening frame) or extend the clearance according to project requirements

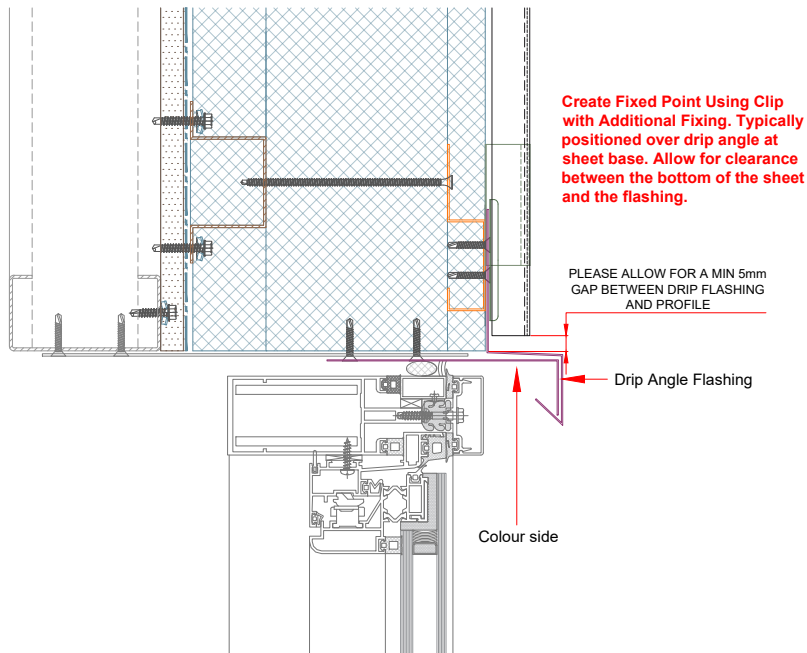
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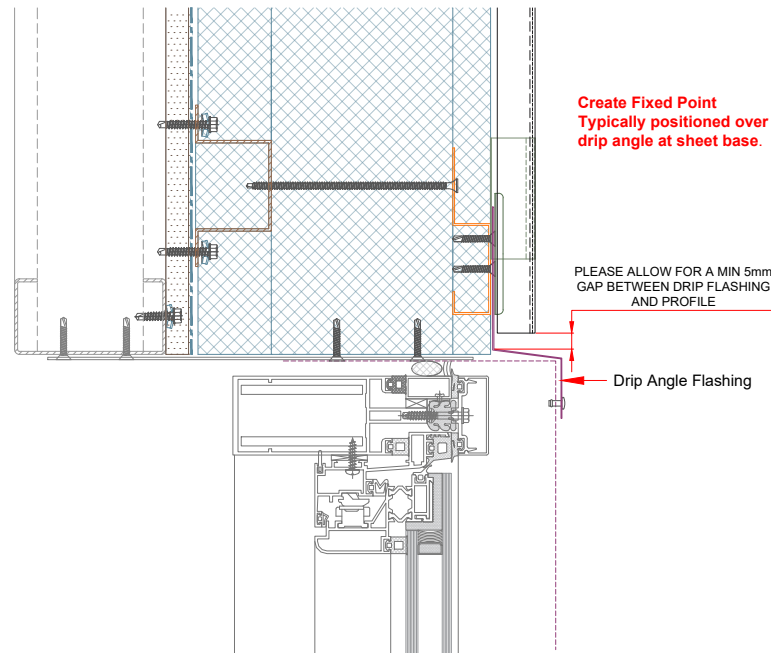
To be read in conjunction with
Vieo System specification
documents.

VIEO VERTICAL WARM WALL SFS HRB
HEAD DETAIL

Head Detail - Section 1



Head Detail - Section 2



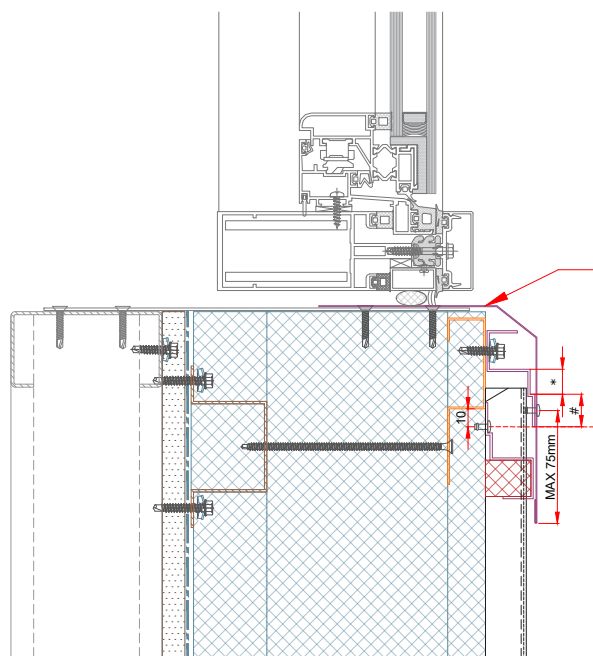
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**To be read in conjunction with
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documents.**

VIEO VERTICAL WARM WALL SFS HRB
CILL DETAIL

Primary Cill Detail



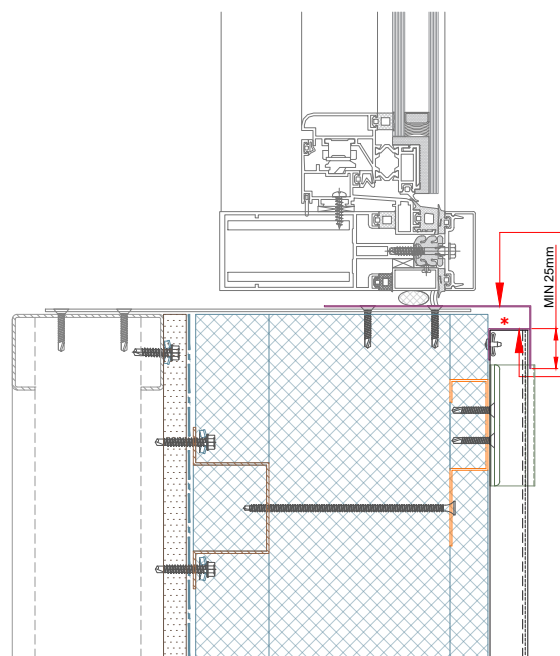
Use appropriate head detail for required thermal expansion.

Indicative cill flashing. Edge cut on site and turned up behind Jamb flashing. Site folded stop end can also formed by cut and fold back.

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

End of Vieo sheet must fall under lower edge of inverted Closure

Alternative Cill Detail



Cill flashing. Edge cut on site and turned up behind Jamb flashing. Site folded stop end can also formed by cut and fold back.

Alternative closure flashing can be used for small scale flashings only and where the climatic conditions have been taken into account

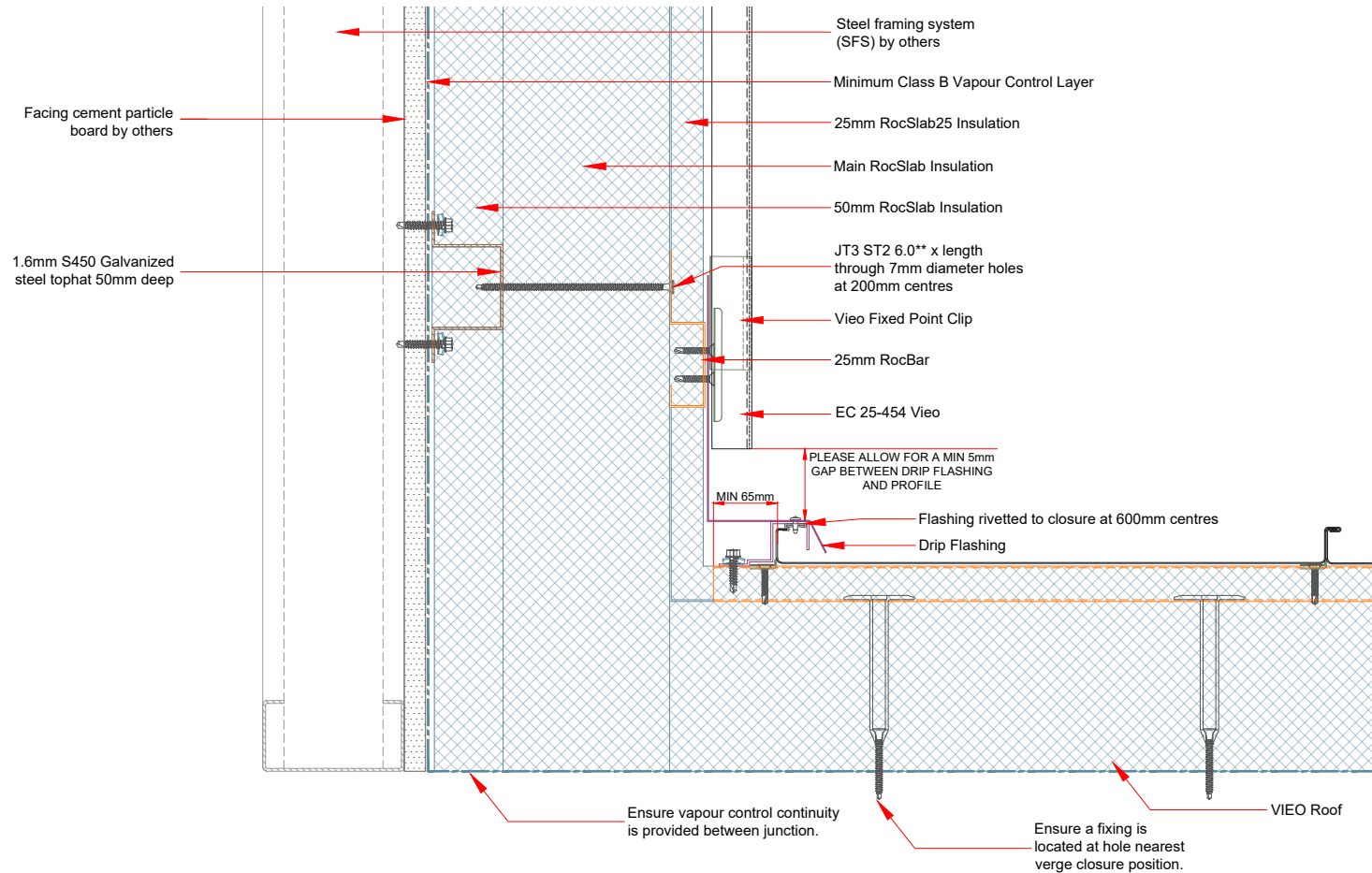
*** Allow clearance for anticipated thermal movement between sheet and top flashing.**

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documents.

VIEO VERTICAL WARM WALL SFS HRB
WALL TO ROOF ABUTMENT
DETAIL



****Or alternative stainless steel self-drilling fixing as approved by Euroclad Technical.**

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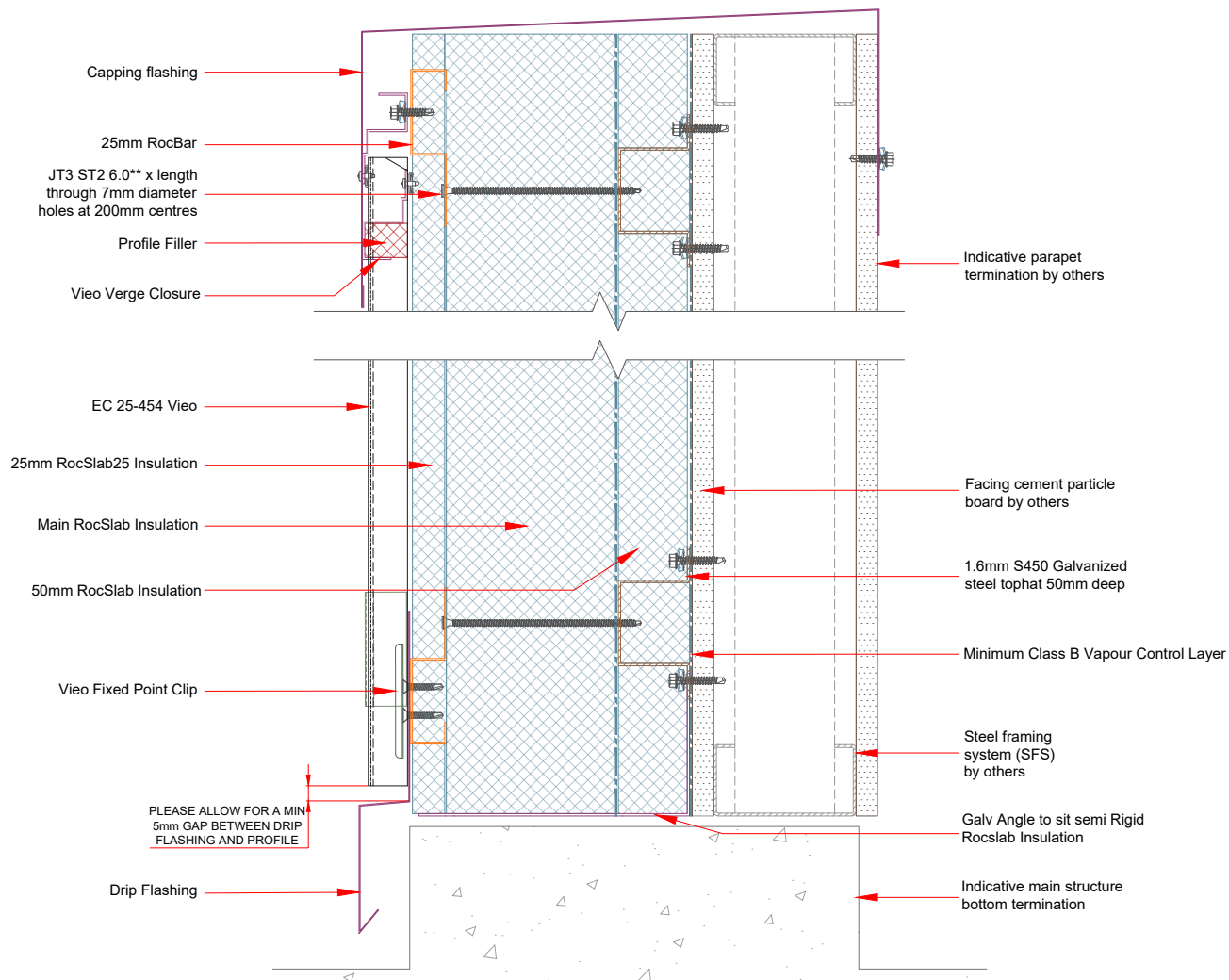
**To be read in conjunction with
Vieo System specification
documents.**

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To be read in conjunction with
Vieo System specification
documents.

VIEO VERTICAL WARM WALL SFS HRB
BASE/HEAD DETAIL



****Or alternative stainless steel self-drilling fixing as approved by Euroclad Technical.**