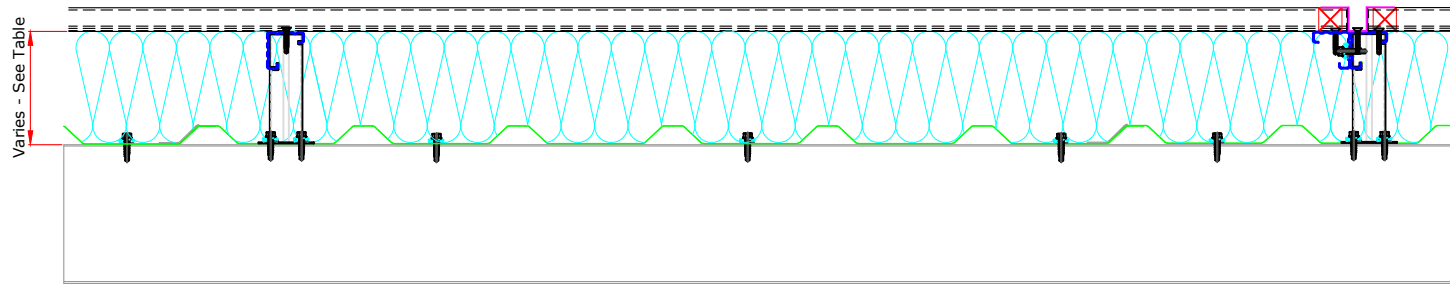


TITLE: Elite System 58
DWG NO: E58
DRAWN: CD
CHECK: MP
DATE: Feb 19
SCALE: NTS

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To be read in conjunction with Elite System specification documents



Elite System 58				
Bracket Height	Insulation Thickness	Insulation Value	Overall System Depth	U Value at 1.5M Centres
100mm	100mm	0.040	125mm	0.43
120mm	120mm	0.040	145mm	0.36
140mm	140mm	0.040	165mm	0.31
160mm	160mm	0.040	185mm	0.27
180mm	180mm	0.040	205mm	0.24
200mm	200mm	0.040	225mm	0.22
220mm	220mm	0.040	245mm	0.20

Please Note:

System is fire rated using Knauf Factoryclad 40 ECOSE insulation of minimum thickness 80mm with steel outer sheet only.

Ensure roll edges are lapped/butted to ensure no gaps.

Fire Resistance performance 120 minutes Integrity, 15 minutes (min) Insulation.

Meets the requirements of Building Regulations Part B for external walls where fire attack is from inside the building and the wall is 1M or more from the boundary.

System can be fire rated using Rockwool insulation of minimum thickness 120mm with steel outer sheet only, with liner stitched at 300mm centres.

Ensure roll edges are lapped/butted to ensure no gaps. Refer to Fr30 specification.

Fire Resistance performance 120 minutes Integrity, 30 minutes (min) Insulation.

Please refer to the technical note: Installer guidance for quilt insulation in Elite Wall Systems

Refer to Technical for advice on constructions requiring better U values than those shown.

Opus plank to be installed from top down.

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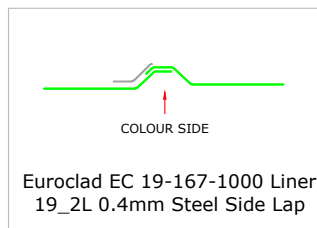
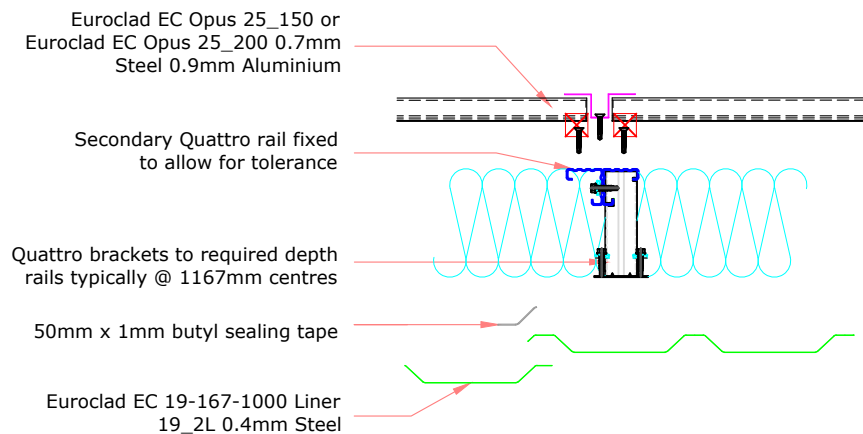
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Please Note:

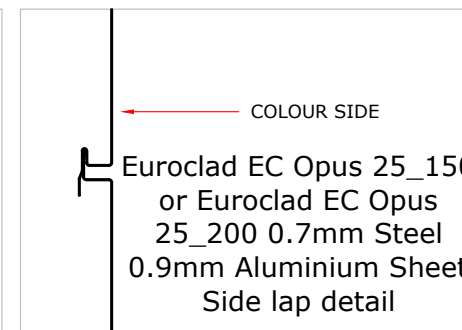
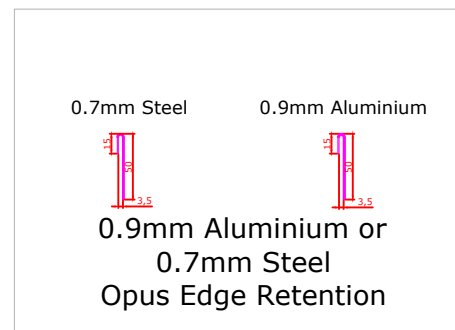
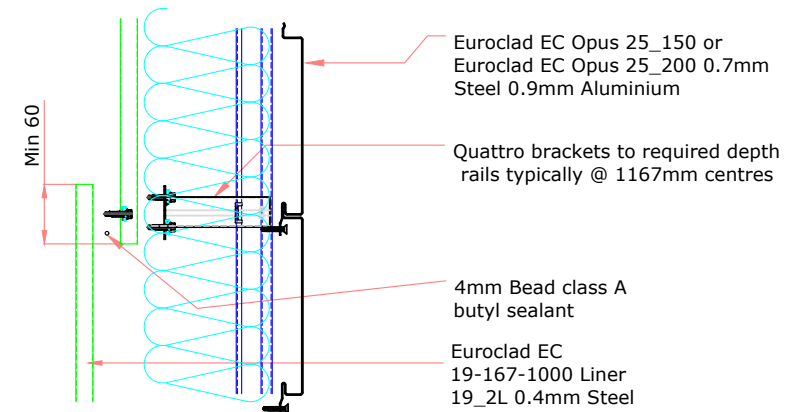
System is fire rated using Knauf Factoryclad 40 ECOSE insulation of minimum thickness 80mm with steel outer sheet only.
Ensure roll edges are lapped/butted to ensure no gaps.
Fire Resistance performance 120 minutes Integrity, 15 minutes (min) Insulation.
Meets the requirements of Building Regulations Part B for external walls where fire attack is from inside the building and the wall is 1M or more from the boundary.
System can be fire rated using Rockwool insulation of minimum thickness 120mm with steel outer sheet only, with liner stitched at 300mm centres.
Ensure roll edges are lapped/butted to ensure no gaps. Refer to Fr30 specification.
Fire Resistance performance 120 minutes Integrity, 30 minutes (min) Insulation.

ELITE SYSTEM 58 VERTICAL JOINT DETAIL



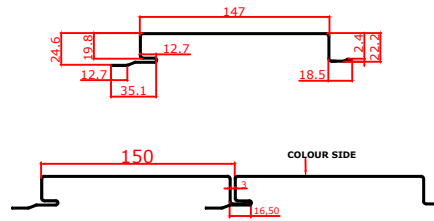
ELITE SYSTEM 58 HORIZONTAL JOINT DETAIL

Opus plank to be installed from top down.



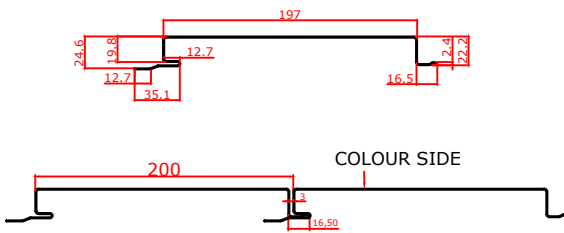
NB: Module = Face + Gap size
Gap size should be kept uniform with the use of packers

Plank 150mm Module

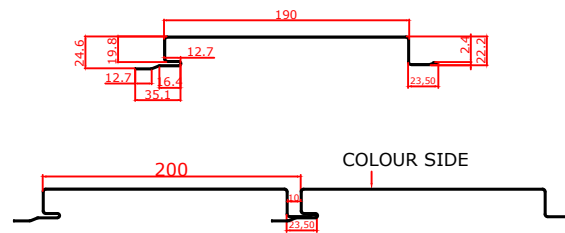


3mm Gap

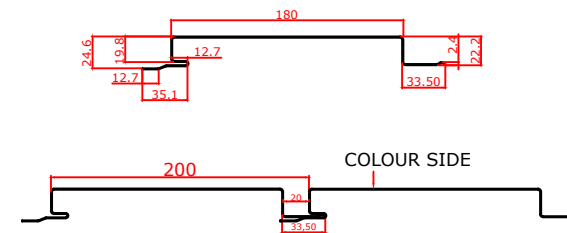
Plank 200mm Module



3mm Gap



10mm Gap



20mm Gap

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To be read in conjunction with Elite System specification documents

EUROCLAD EC 19-167-1000 Liner 19_2L 0.4mm LINER

TITLE: Elite System 58

DWG NO: E58

DRAWN: CD

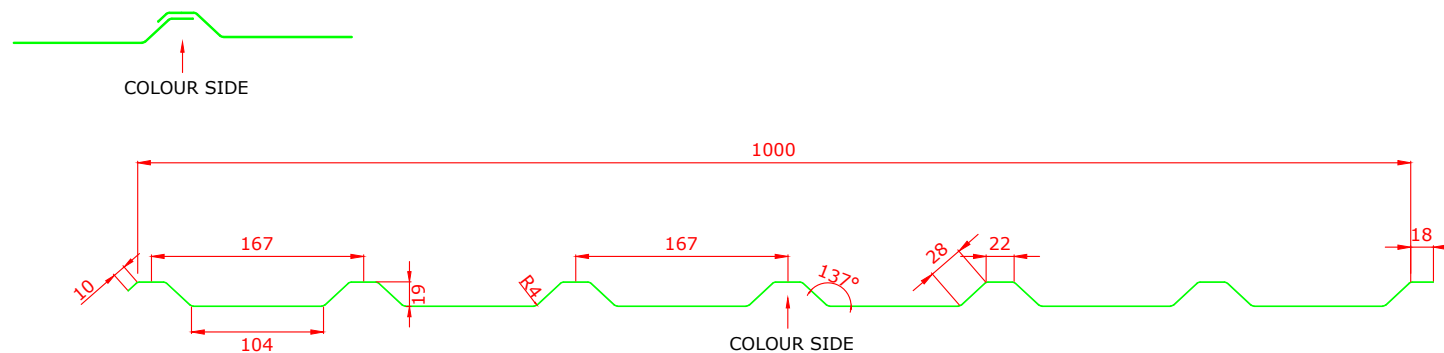
CHECK: MP

DATE: Feb 19

SCALE: NTS

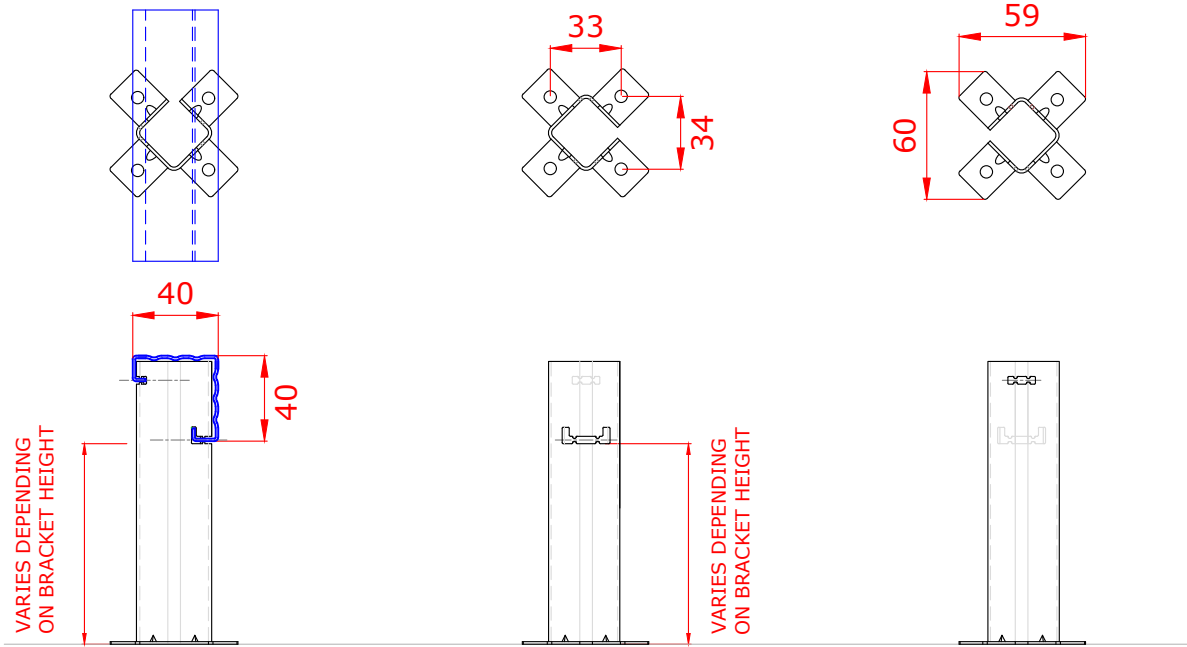
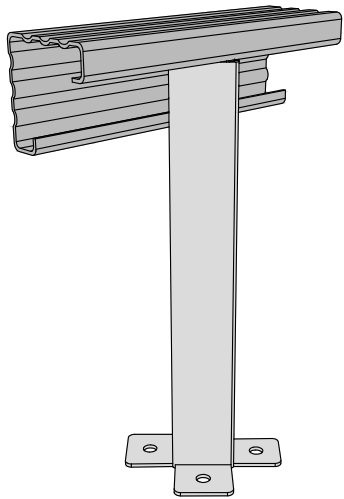
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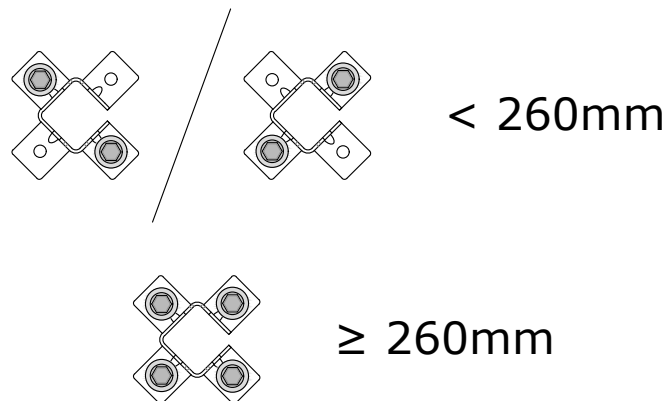


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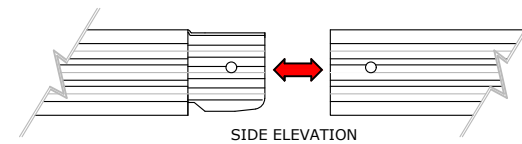
To be read in conjunction with Elite System specification documents



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



Maximum bar cantilever at free ends is 300mm.
Spigot can fall anywhere between two brackets.



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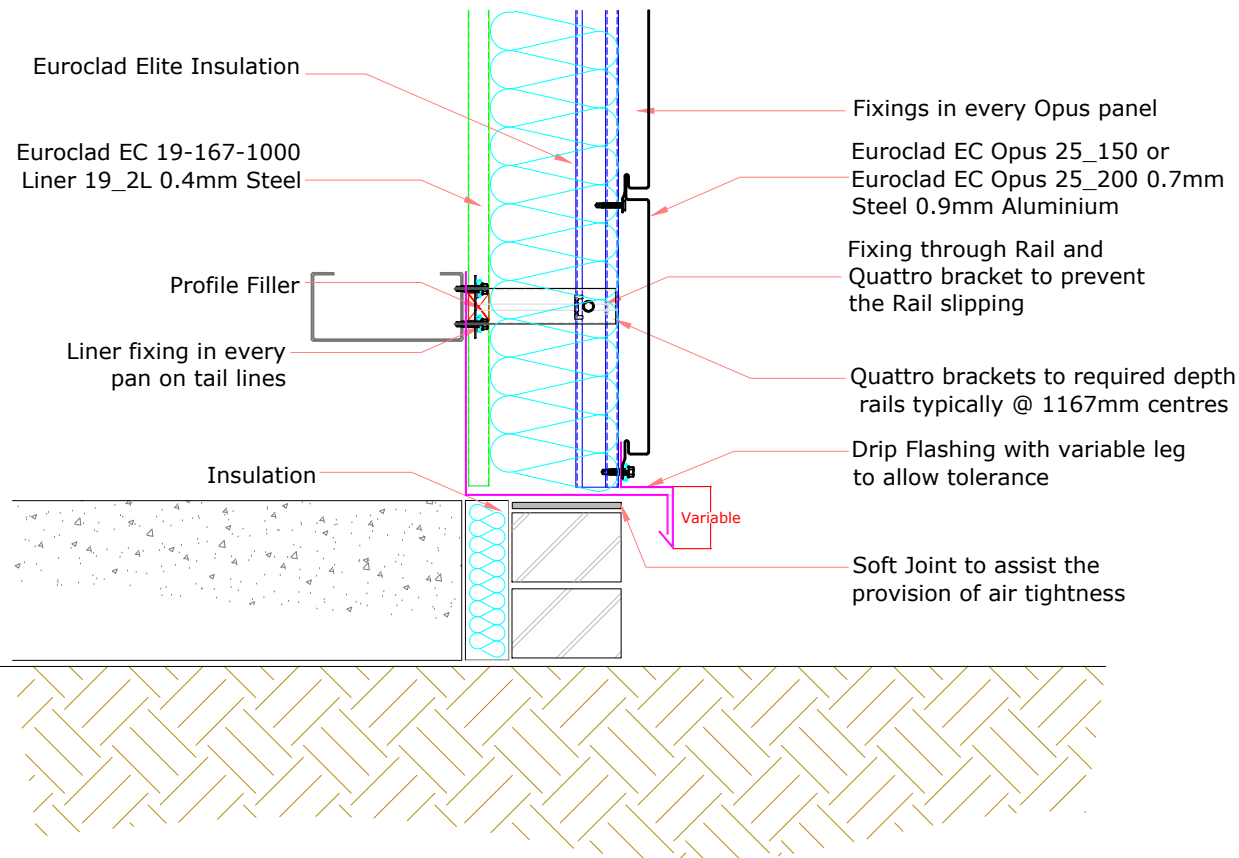
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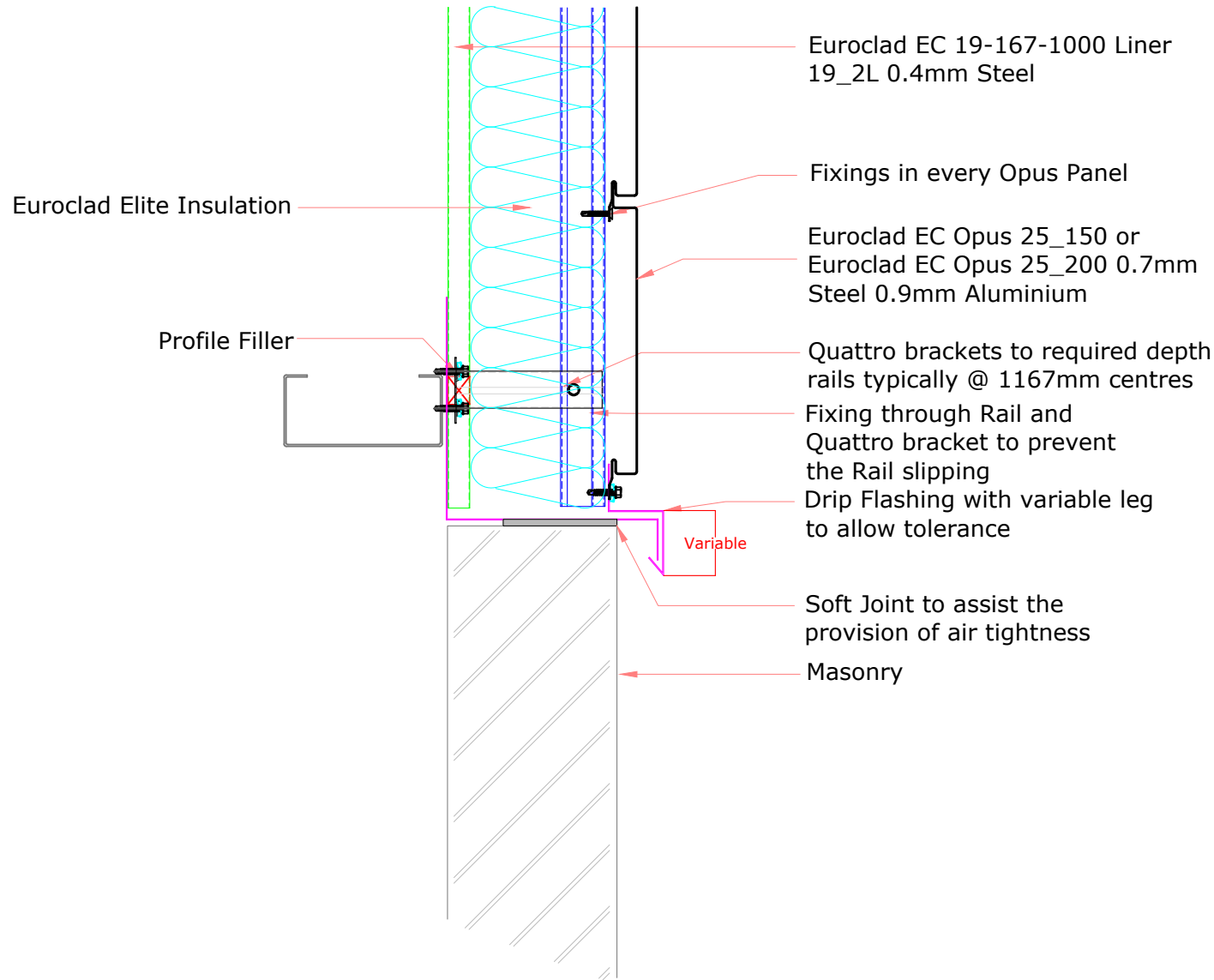
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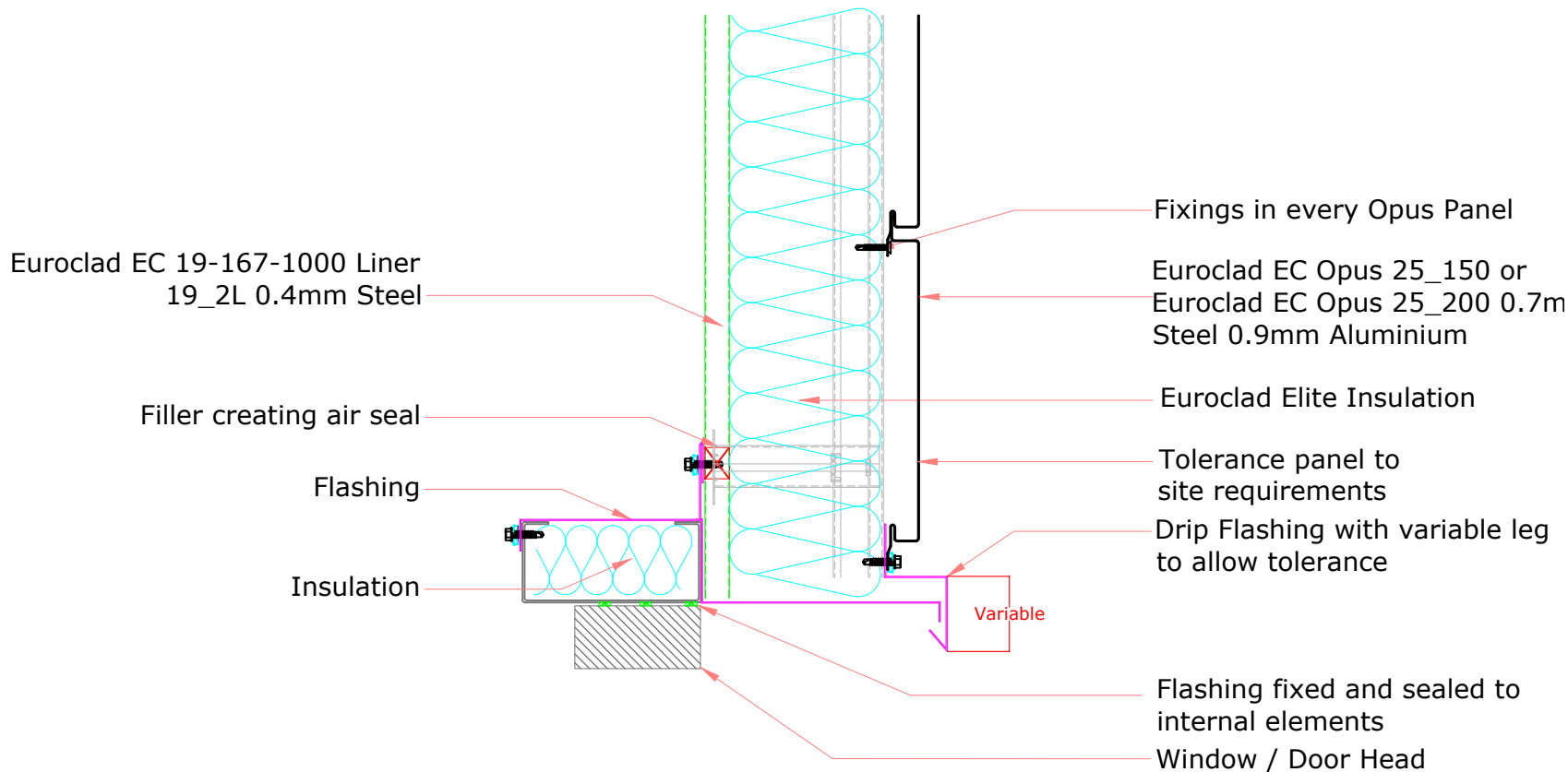
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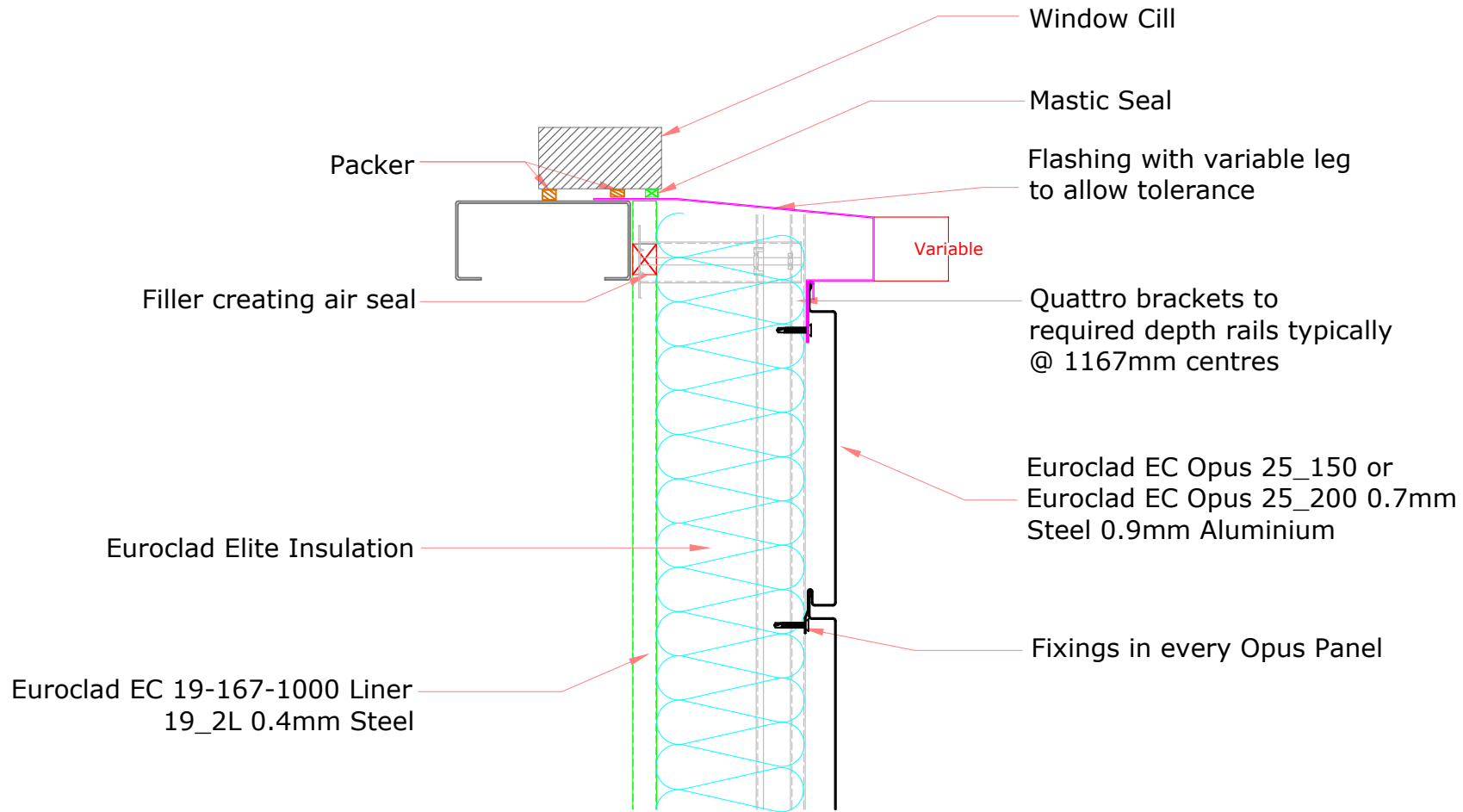
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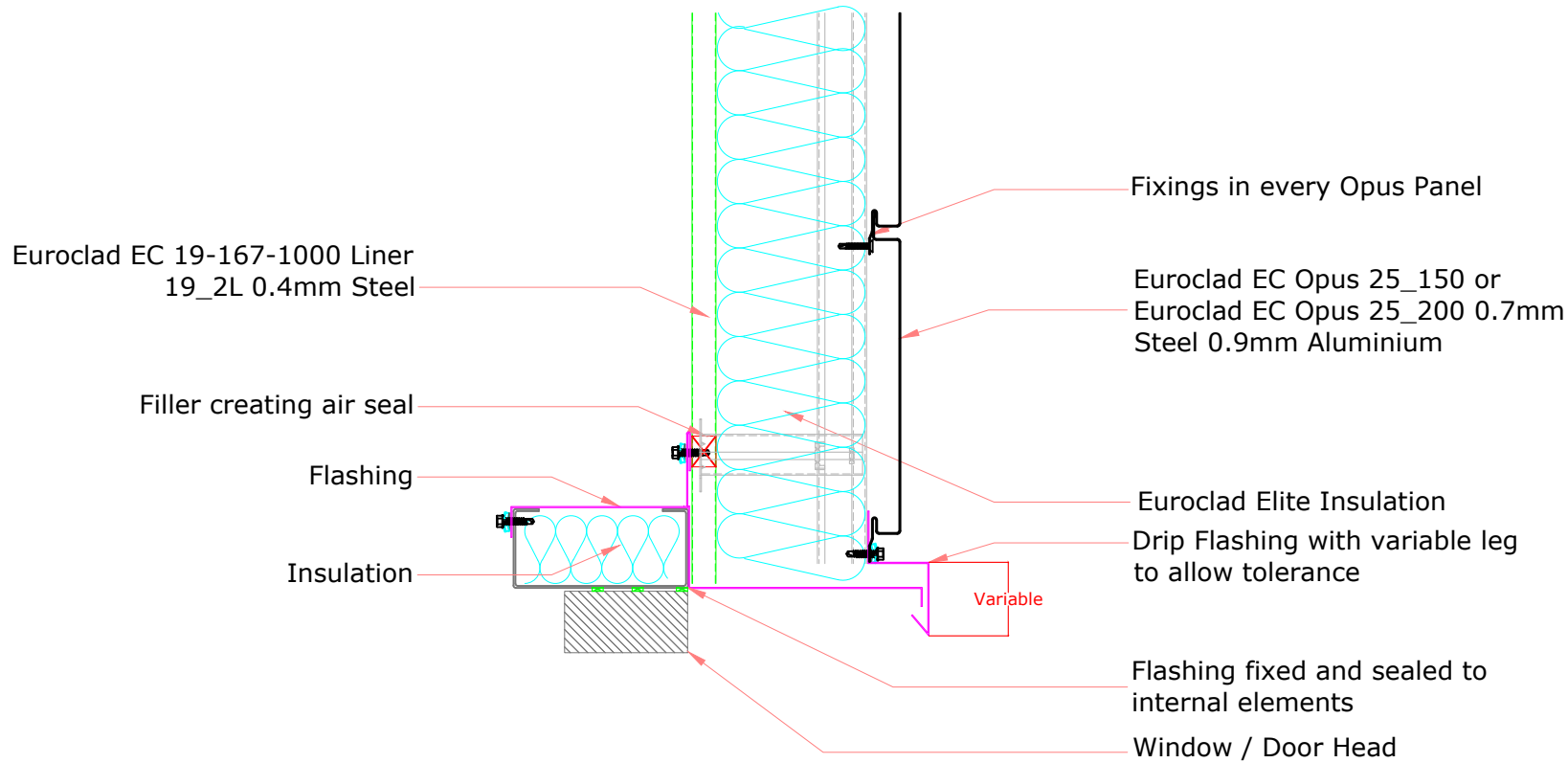
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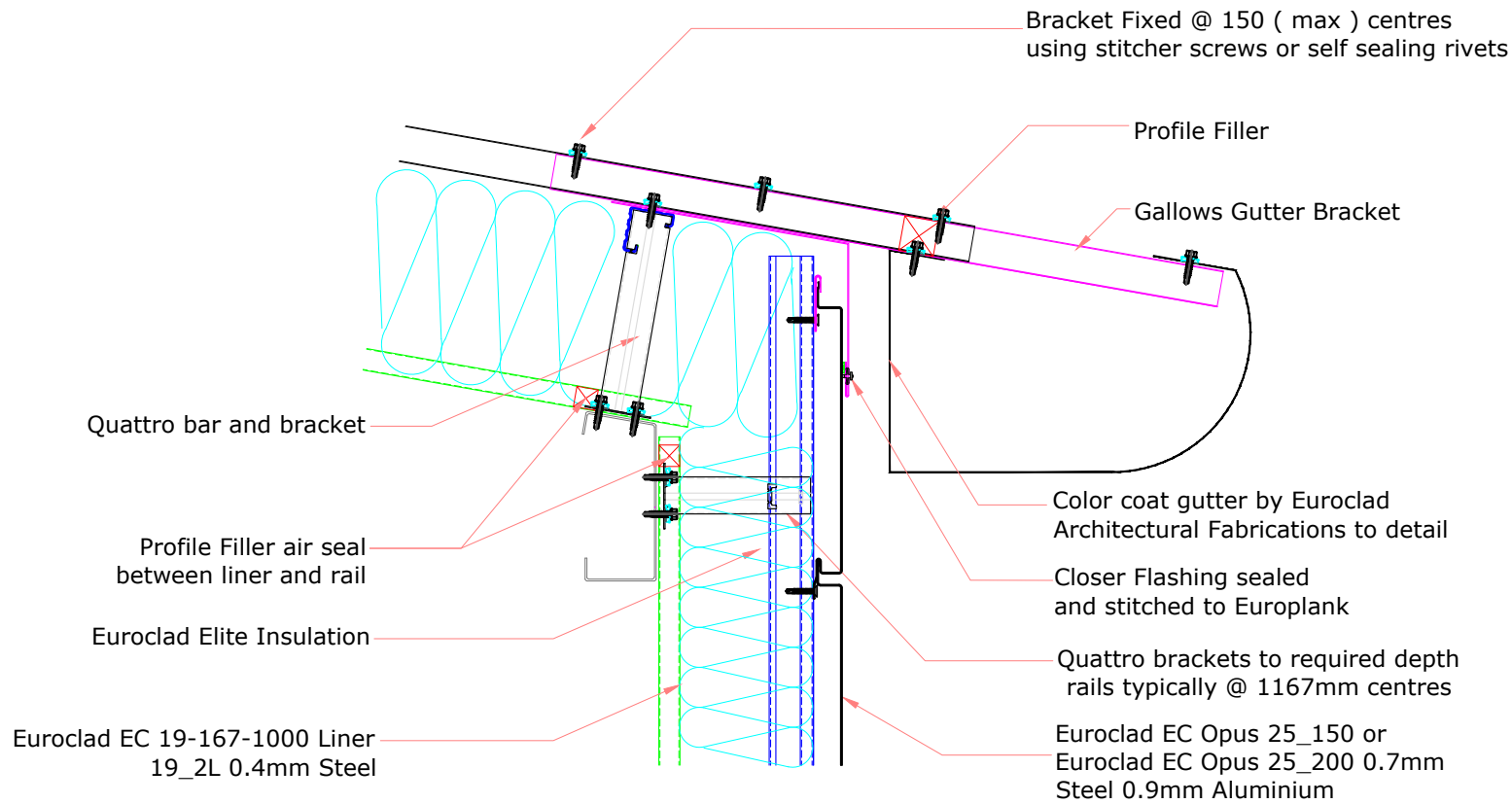


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To be read in conjunction with Elite System specification documents

Note: Opus plank to be installed from top down.



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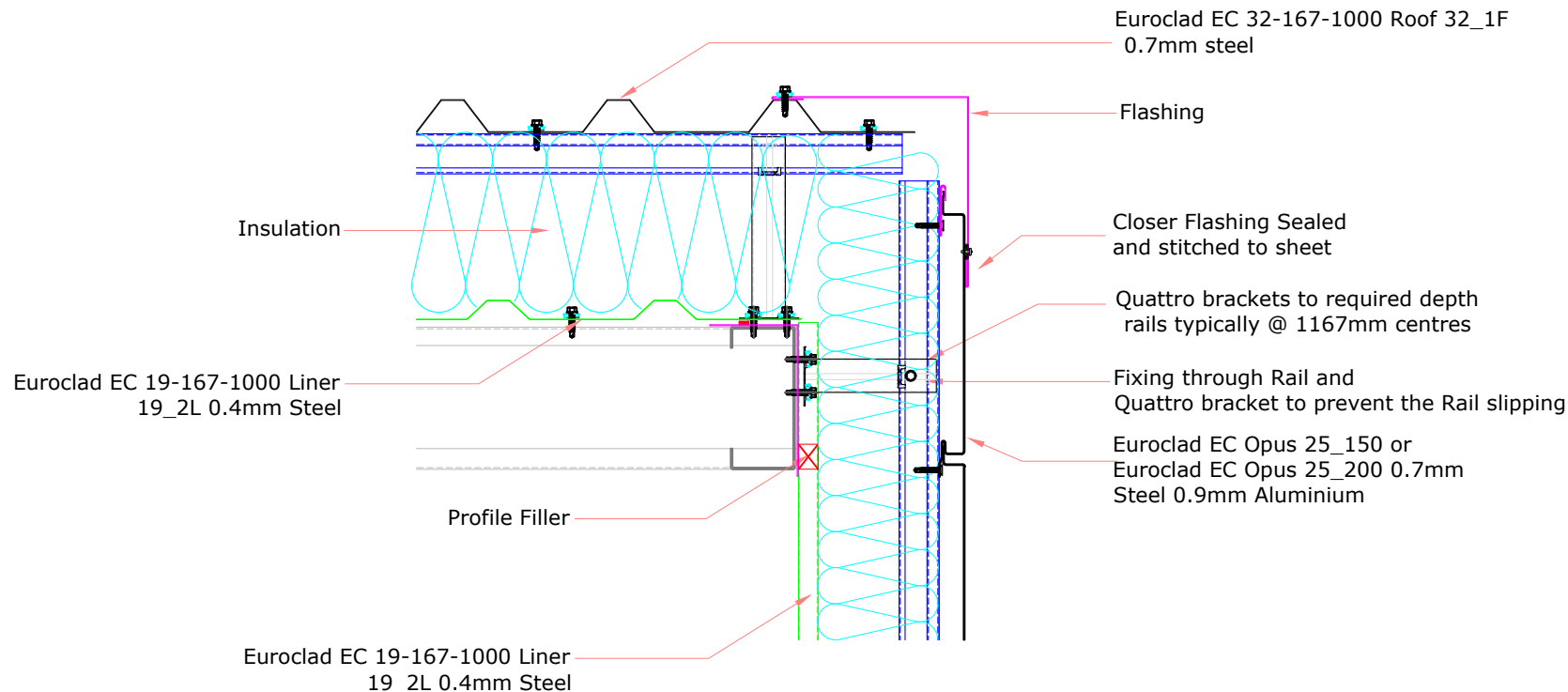
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Note: Opus plank to be installed from top down.



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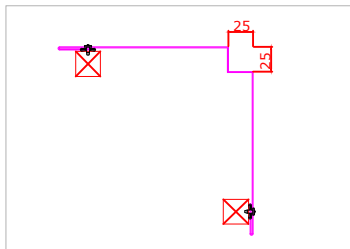
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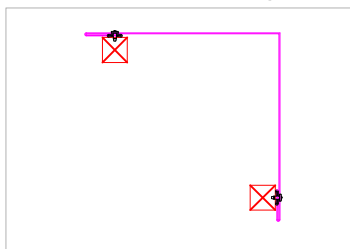
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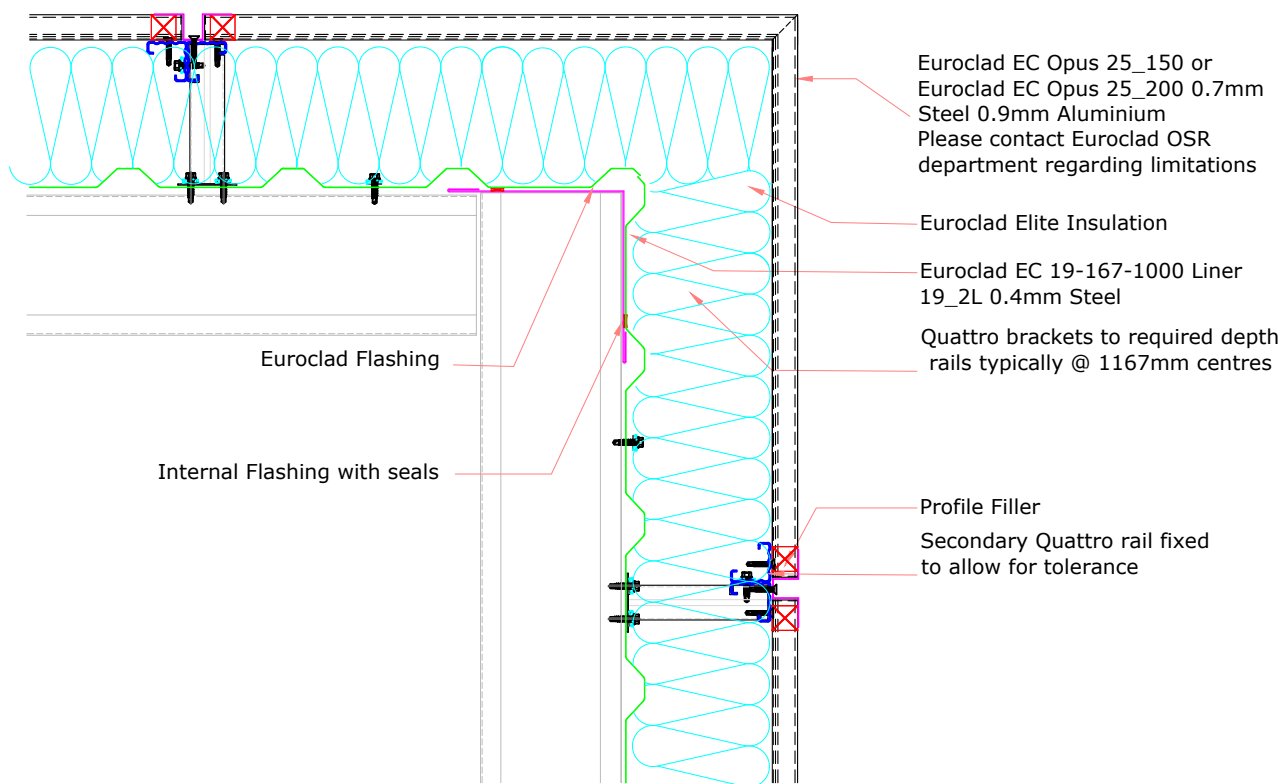
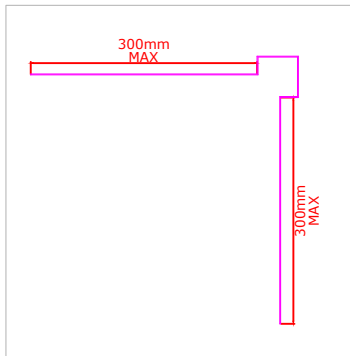
Face fixed reverse box flashing



Face fixed flashing



Secret fixed box flashing



Euroclad EC Opus 25_150 or
Euroclad EC Opus 25_200 0.7mm
Steel 0.9mm Aluminium
Please contact Euroclad OSR
department regarding limitations

Euroclad Elite Insulation

Euroclad EC 19-167-1000 Liner
19_2L 0.4mm Steel

Quattro brackets to required depth
rails typically @ 1167mm centres

Profile Filler
Secondary Quattro rail fixed
to allow for tolerance

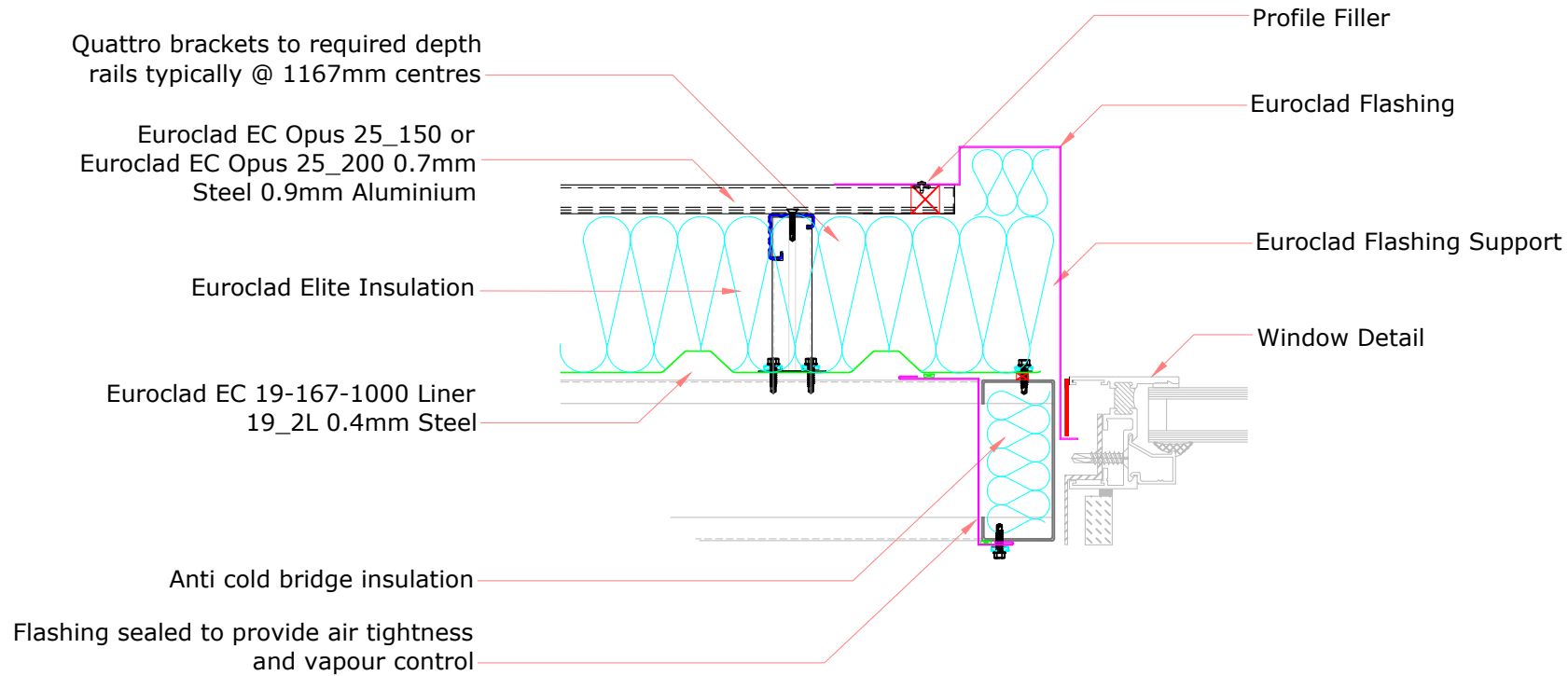
Euroclad Flashing

Internal Flashing with seals

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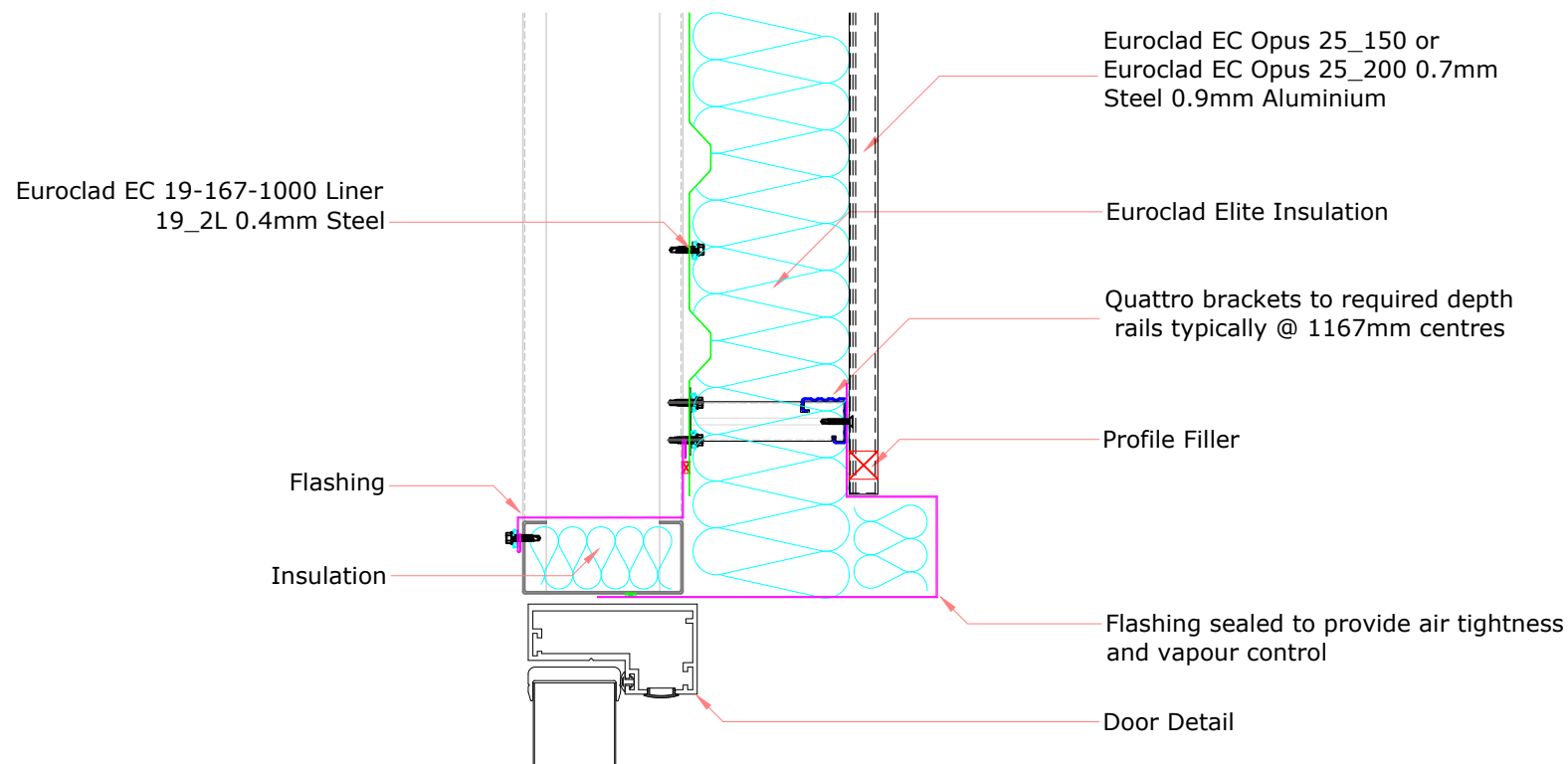
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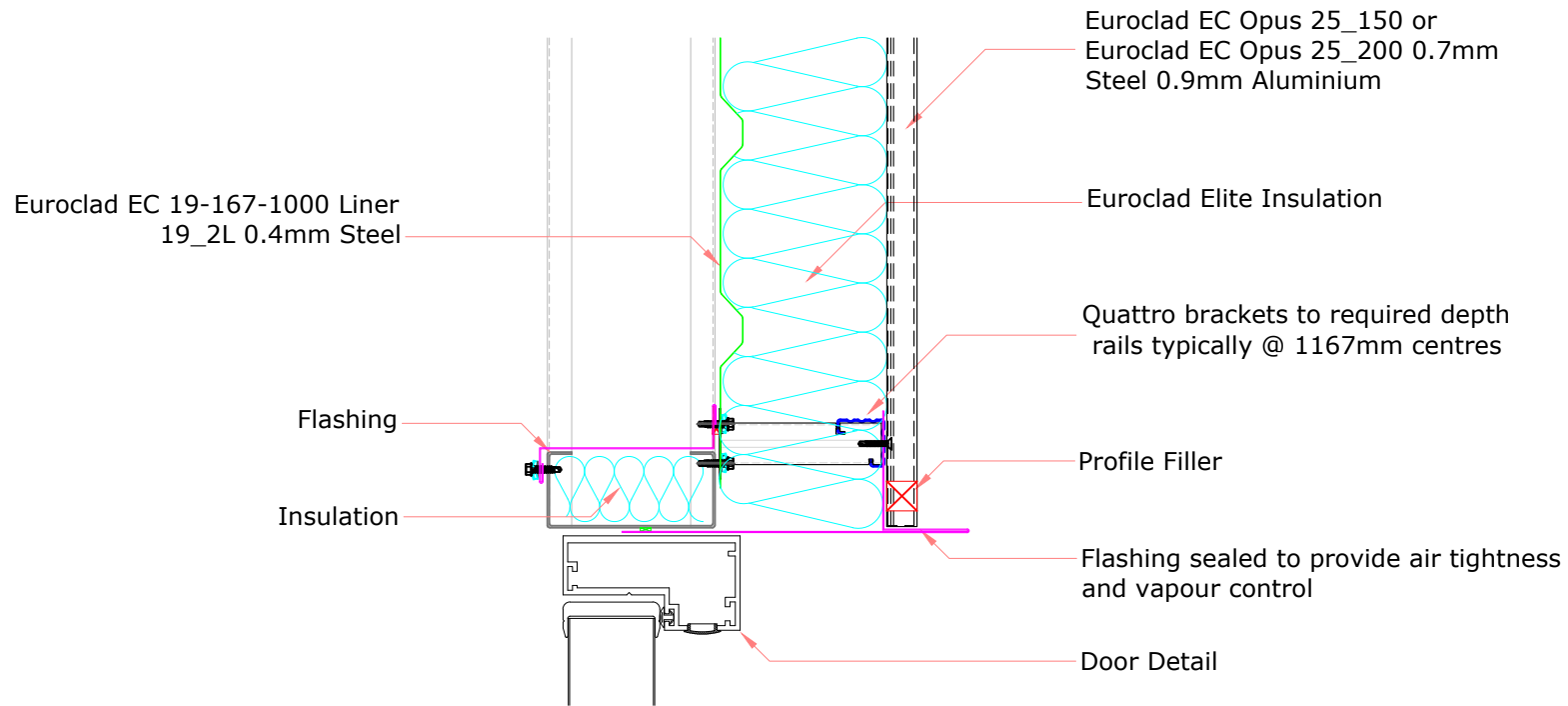
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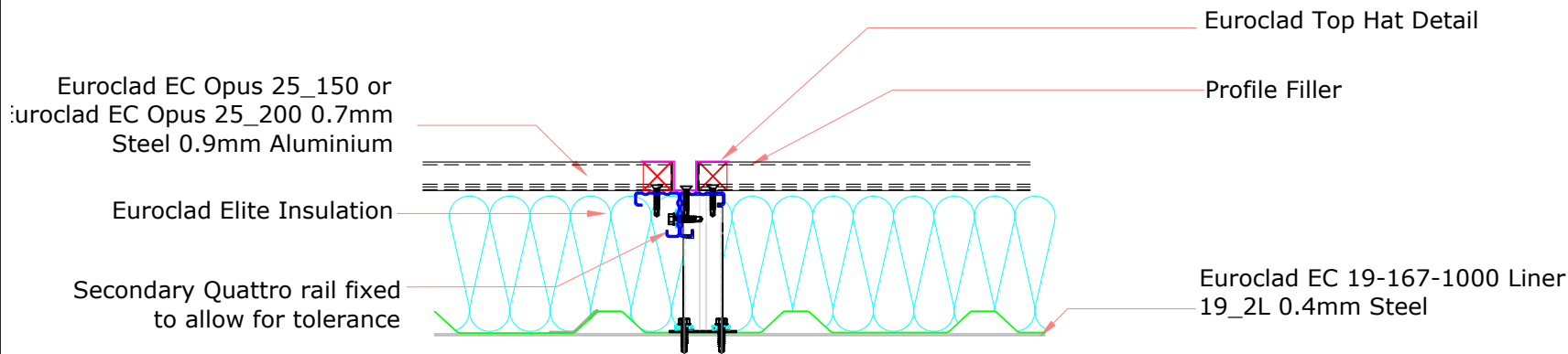
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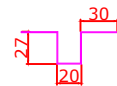
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Please Note: The vertical joint detail is required to maintain continuity of the external metal skin to achieve fire rating performance of 120 minutes Integrity, 15 minutes (min) Insulation.



0.7mm, 0.9mm decorative top hat

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