

Elite System 56				
Bracket Height	Insulation Thickness	Insulation Value	Overall System Depth	U Value at 1.5M Centres
100mm	100mm	0.040	133mm	0.43
120mm	120mm	0.040	153mm	0.36
140mm	140mm	0.040	173mm	0.31
160mm	160mm	0.040	193mm	0.27
180mm	180mm	0.040	213mm	0.24
200mm	200mm	0.040	233mm	0.22
220mm	220mm	0.040	253mm	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.

ELITE SYSTEMS

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TITLE: Elite System 56

DWG NO: E56

DRAWN: MP

CHECK: PCL

DATE: Feb 19

SCALE: NTS

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 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.
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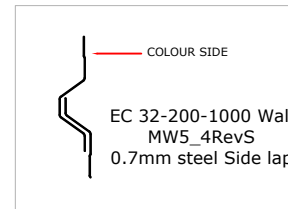
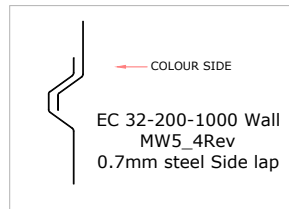
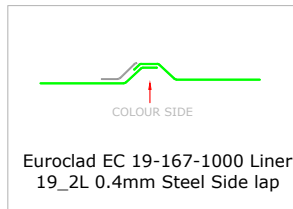
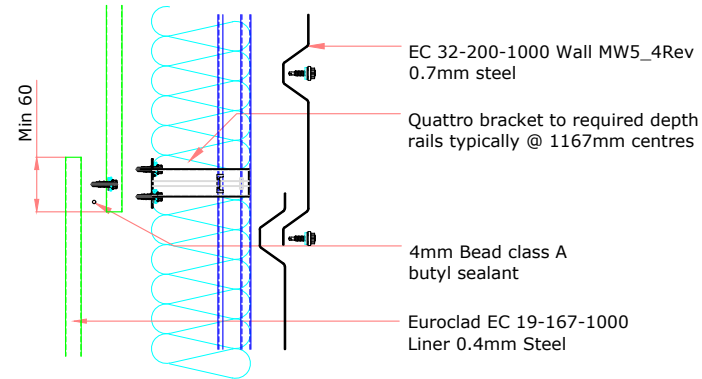
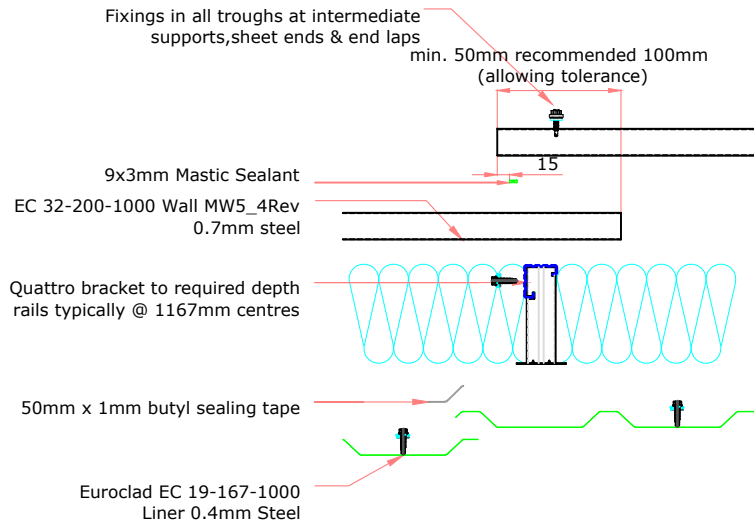
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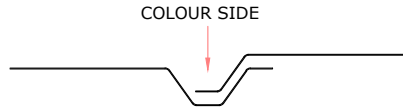
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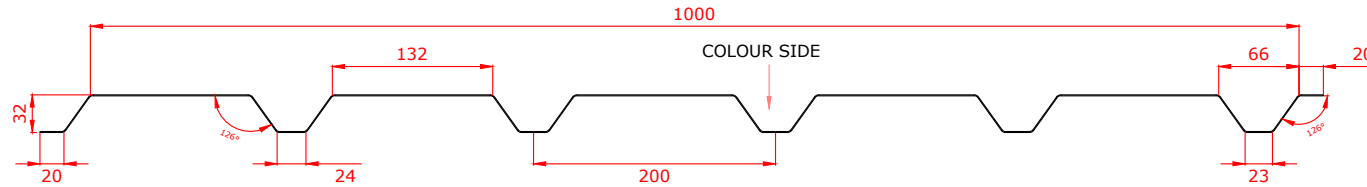
ELITE SYSTEM 56 END LAP DETAIL

ELITE SYSTEM 56 SIDE LAP DETAIL

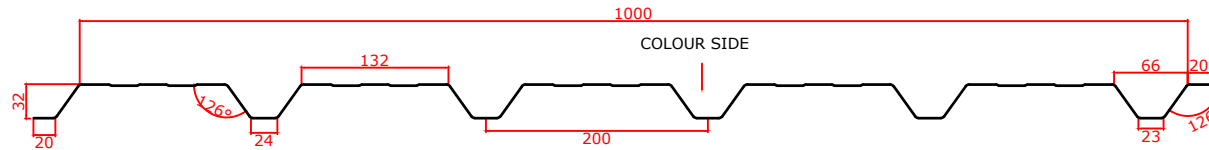




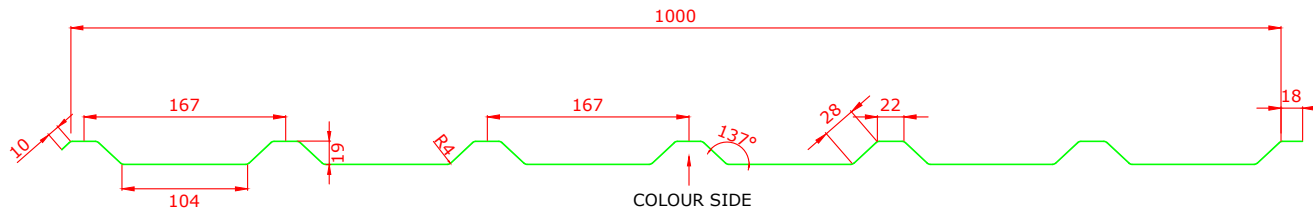
**EUROCLAD EC 32-200-1000 Wall MW5_4Rev
0.7mm steel EXTERNAL SHEET**



**EUROCLAD EC 32-200-1000 Wall MW5_4RevS
0.7mm steel EXTERNAL SHEET**



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



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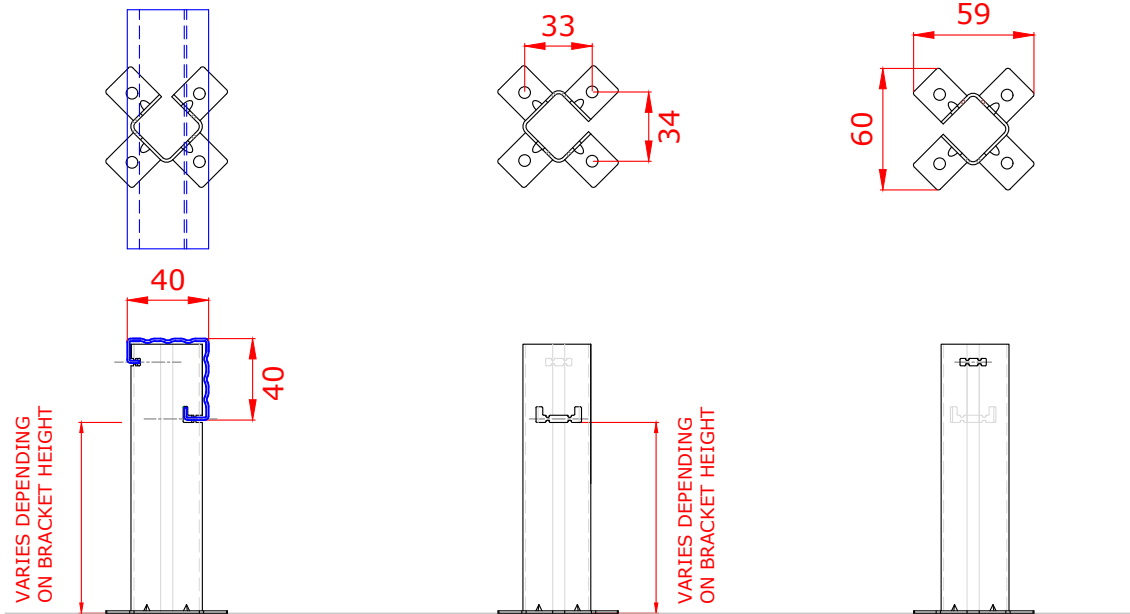
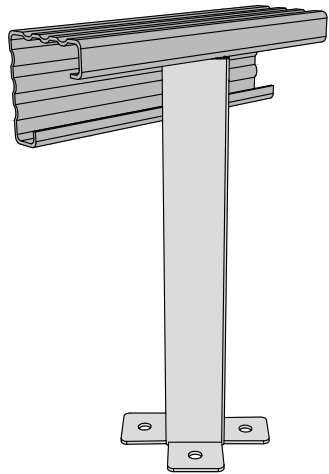
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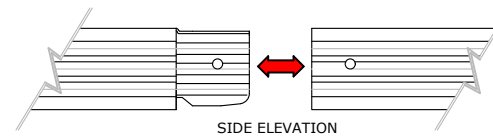
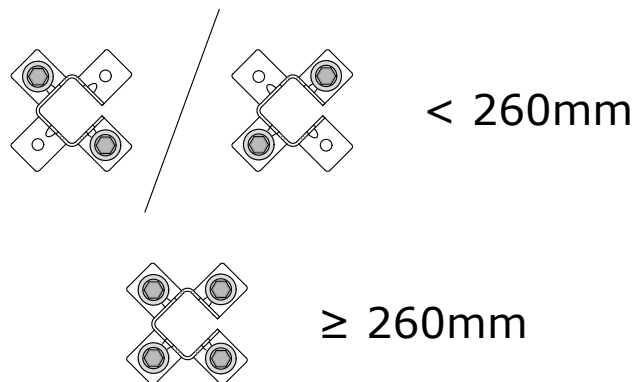
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Brackets less than 260mm require 2 fixings diagonally opposite.
 Brackets 260mm or more require 4 fixings.

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



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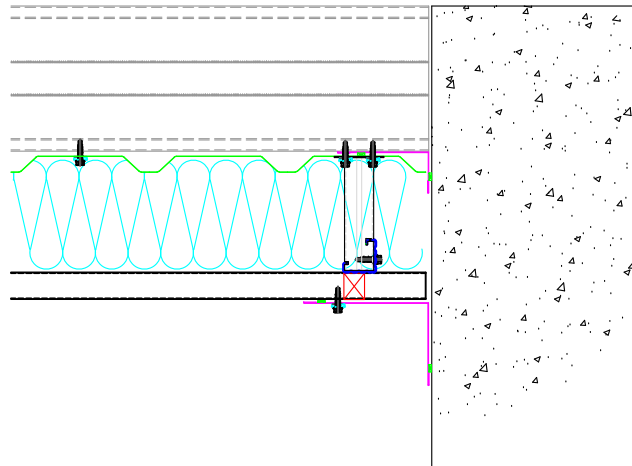
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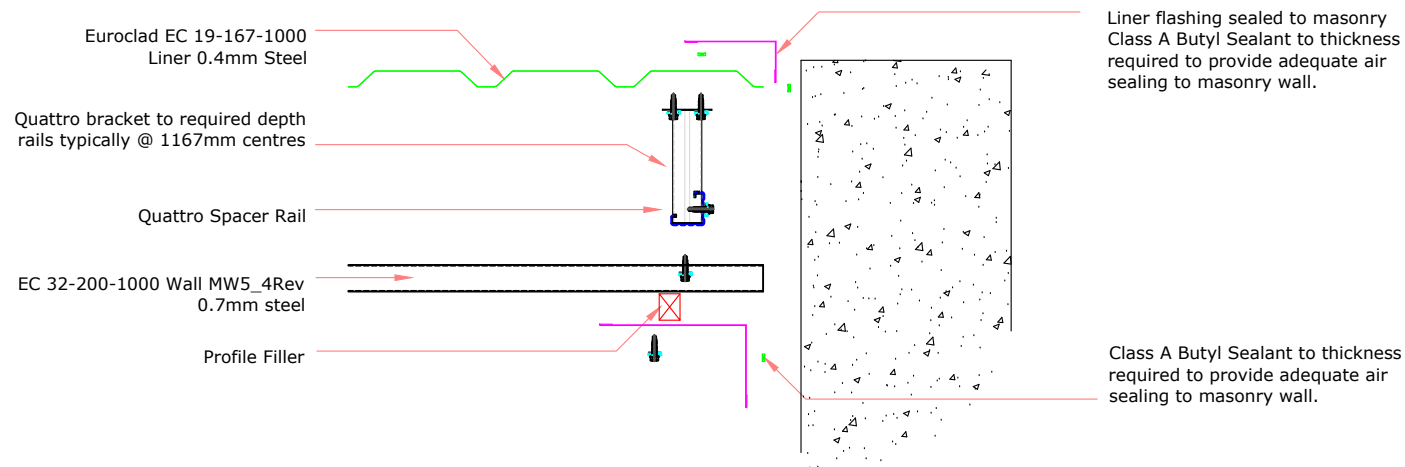
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EUROCLAD ELITE SYSTEM 56 WALL CONSTRUCTION



Insulation excluded for clarity
A range of mineral & glass wool insulations are available for different requirements

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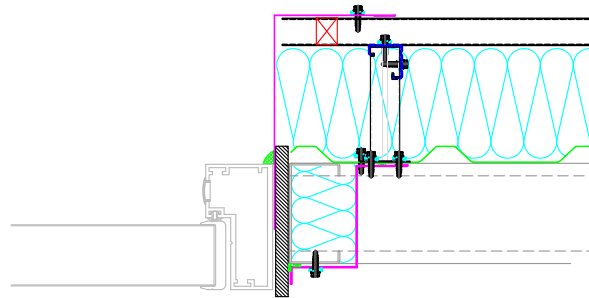
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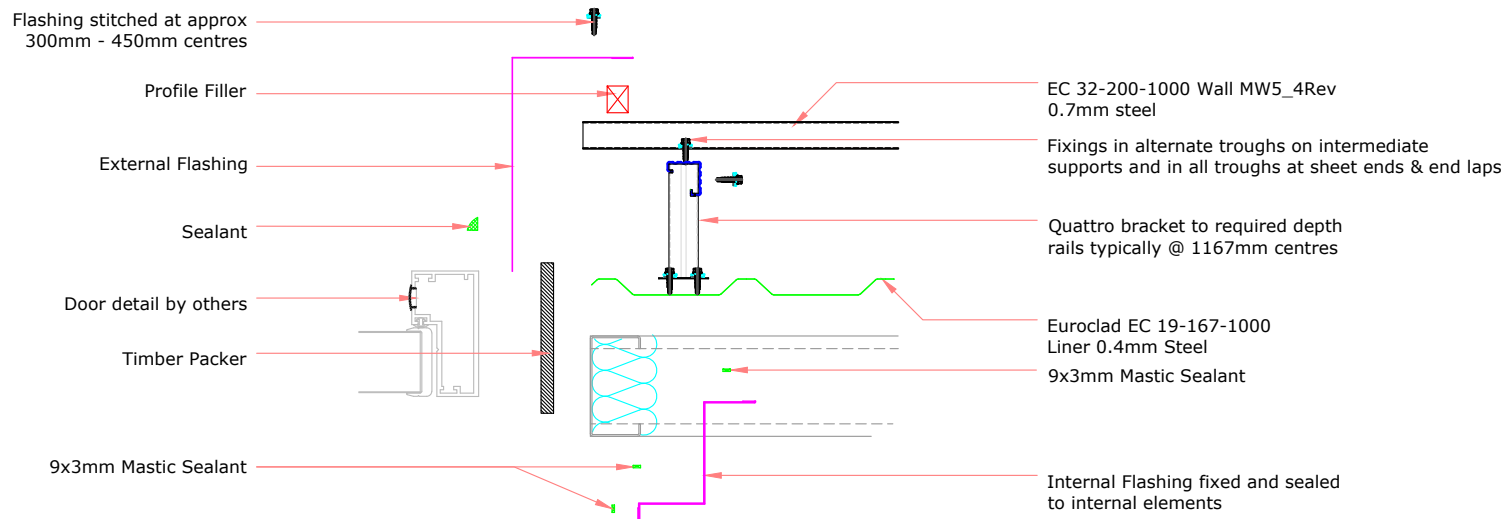
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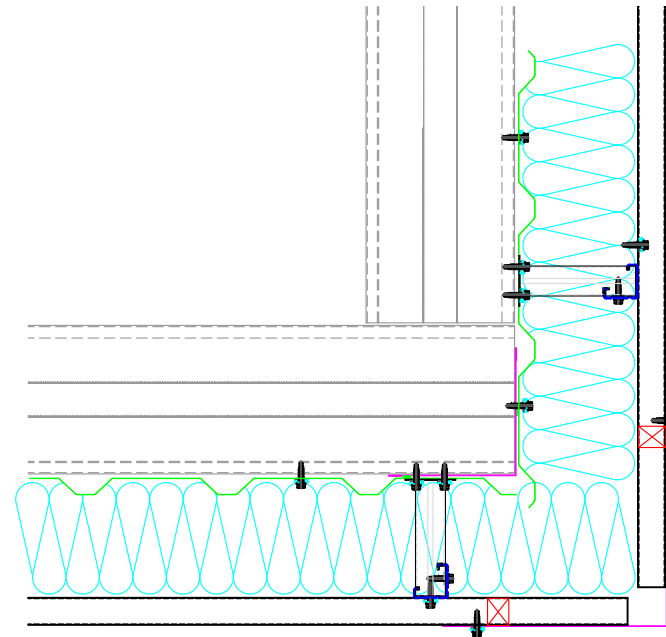


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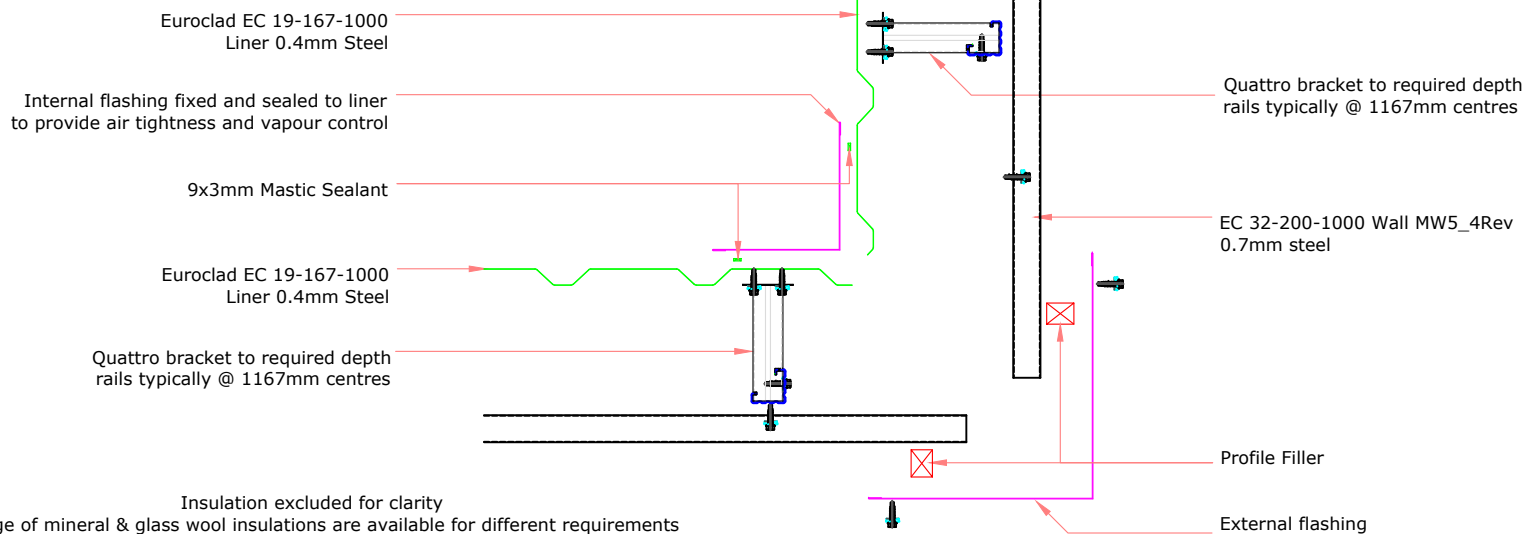
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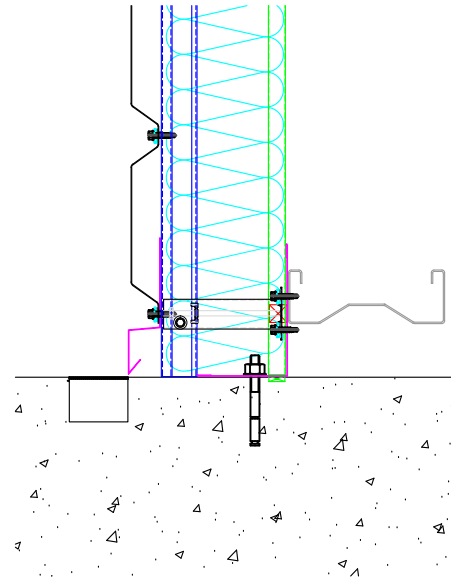


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EC 32-200-1000 Wall MW5_4Rev
 0.7mm steel

Quattro bracket to required depth
 rails typically @ 1167mm centres

Drip Flashing

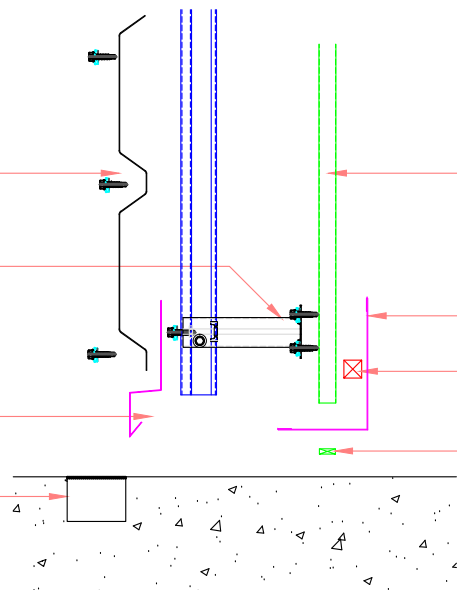
Drainage Point

Euroclad EC 19-167-1000
 Liner 0.4mm Steel

Internal Flashing

Profile Filler

Large amount of sealant to make allowance for imperfection in concrete and ensure good airtightness. Seal may be achieved at flashing or structural element such as ring beam, depending on project specific details.



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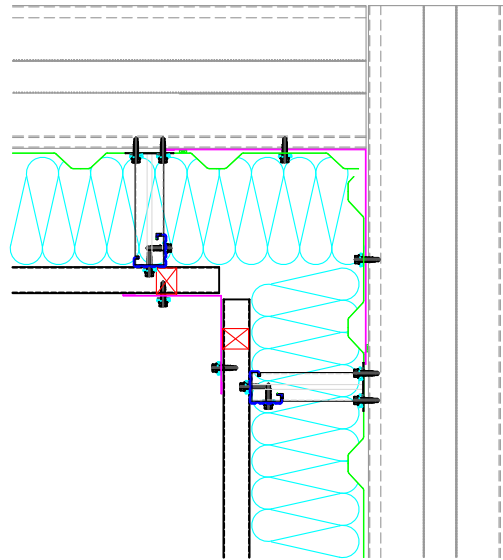
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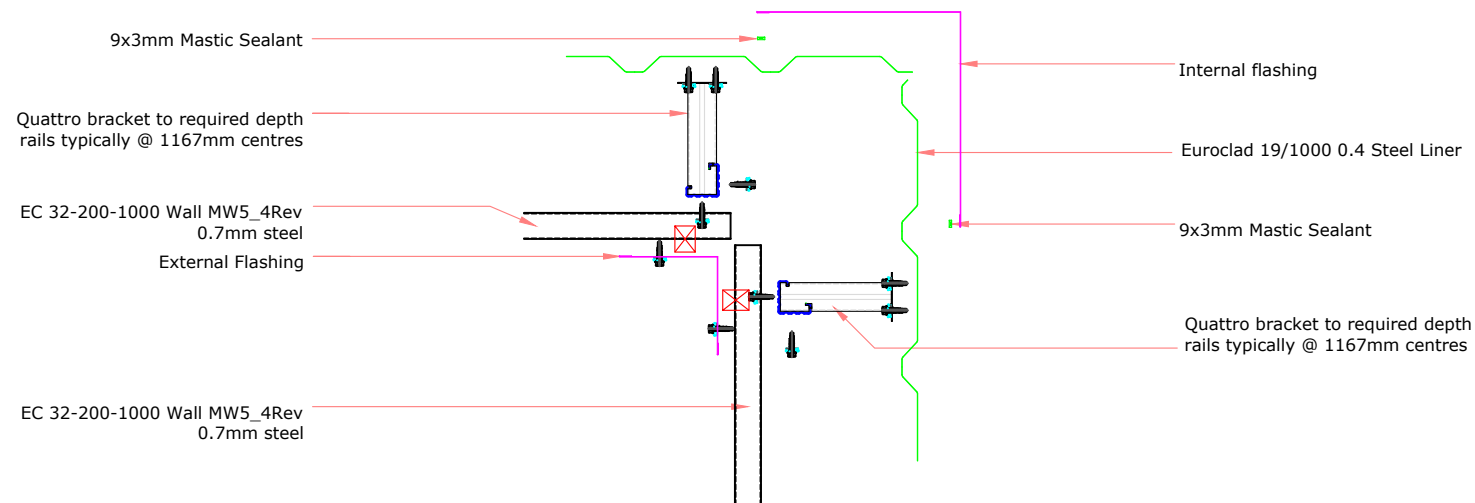
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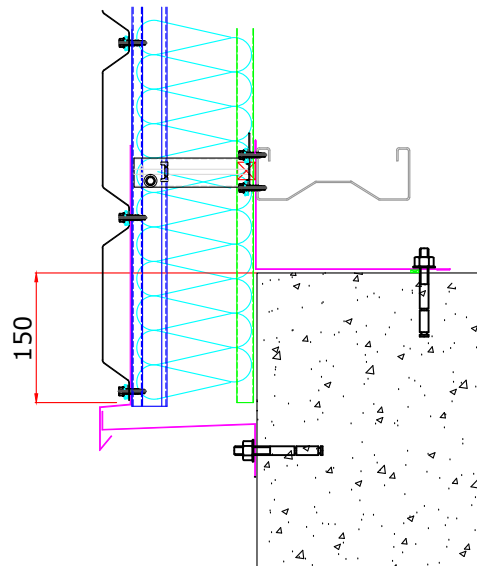
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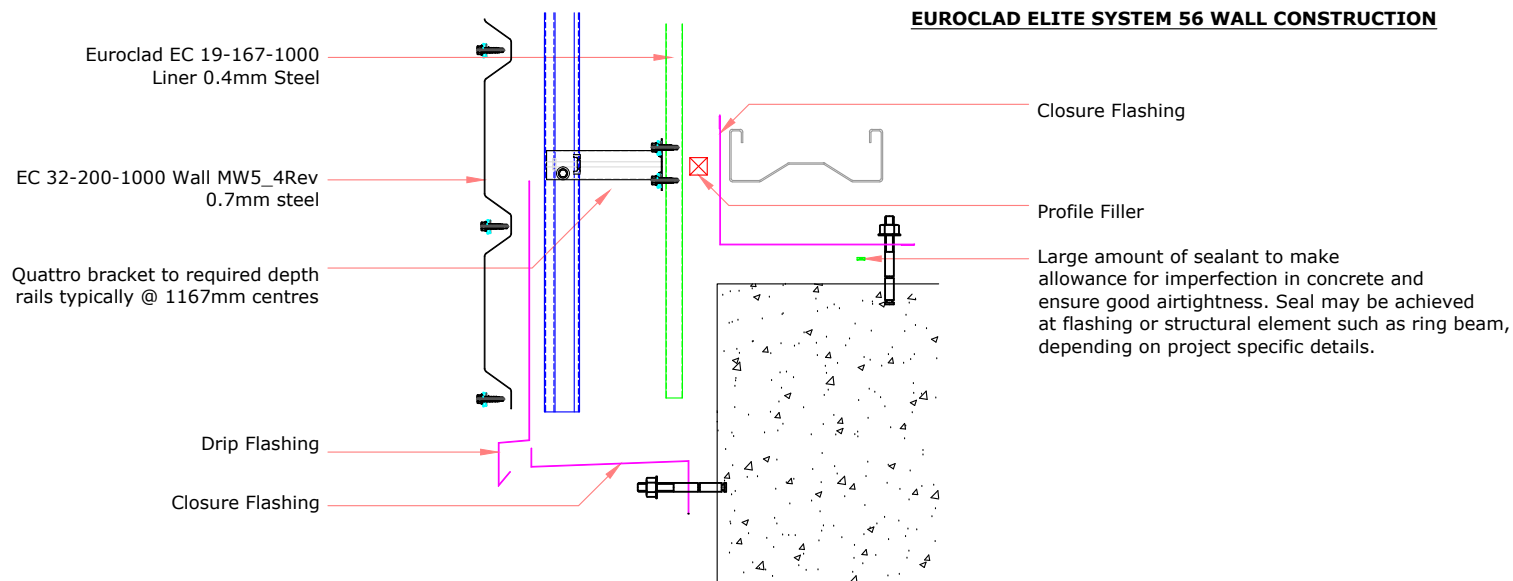
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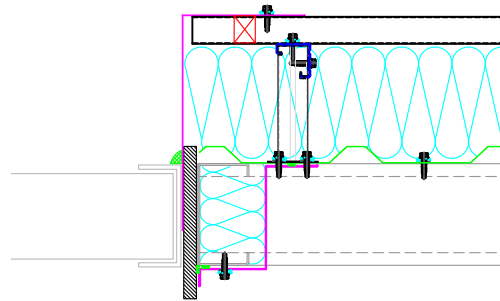


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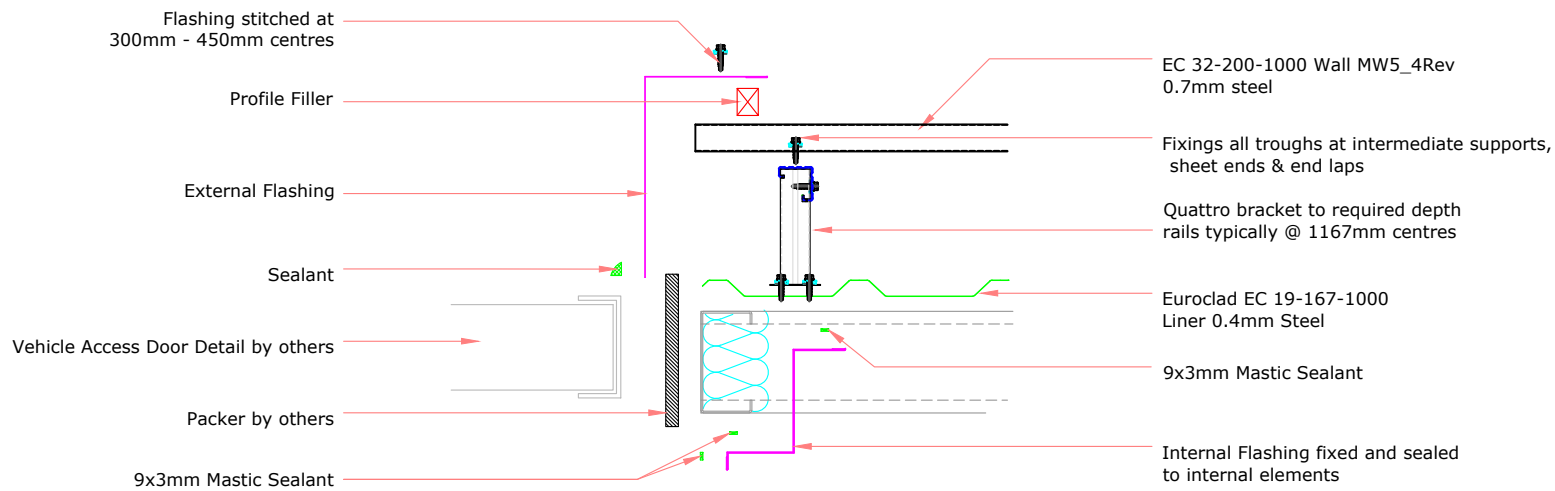
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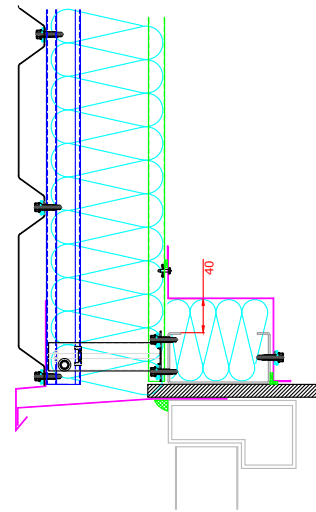


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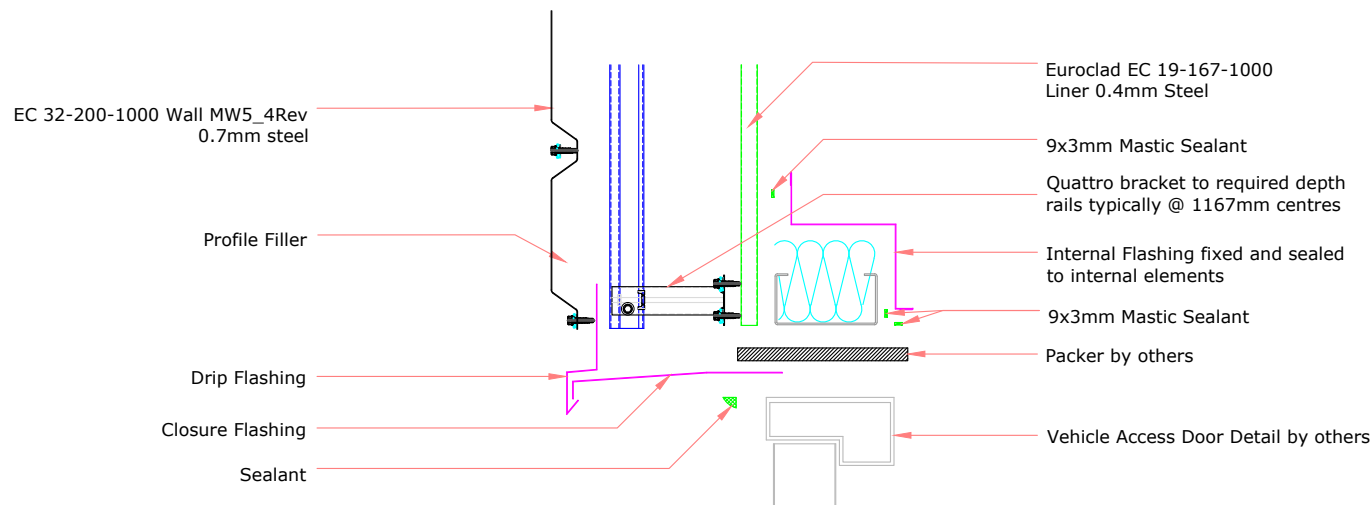
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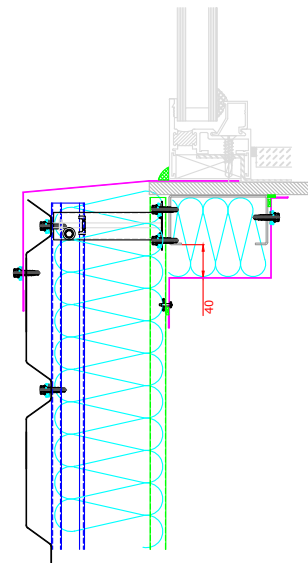


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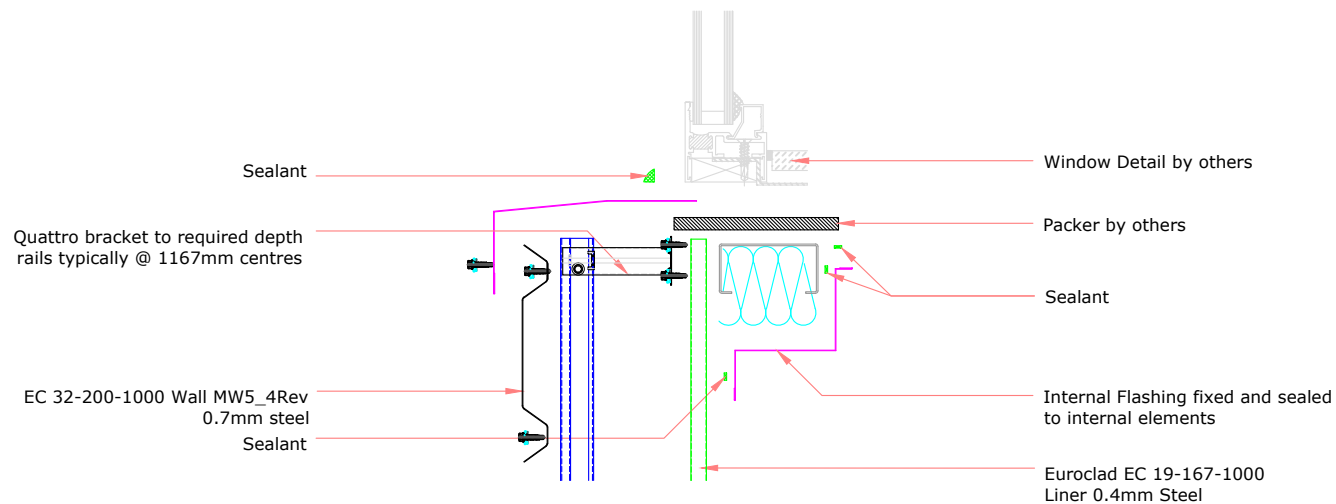
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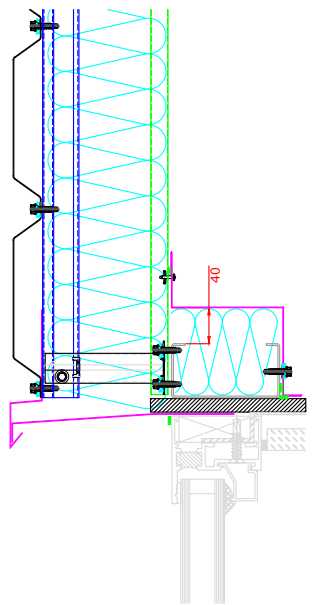
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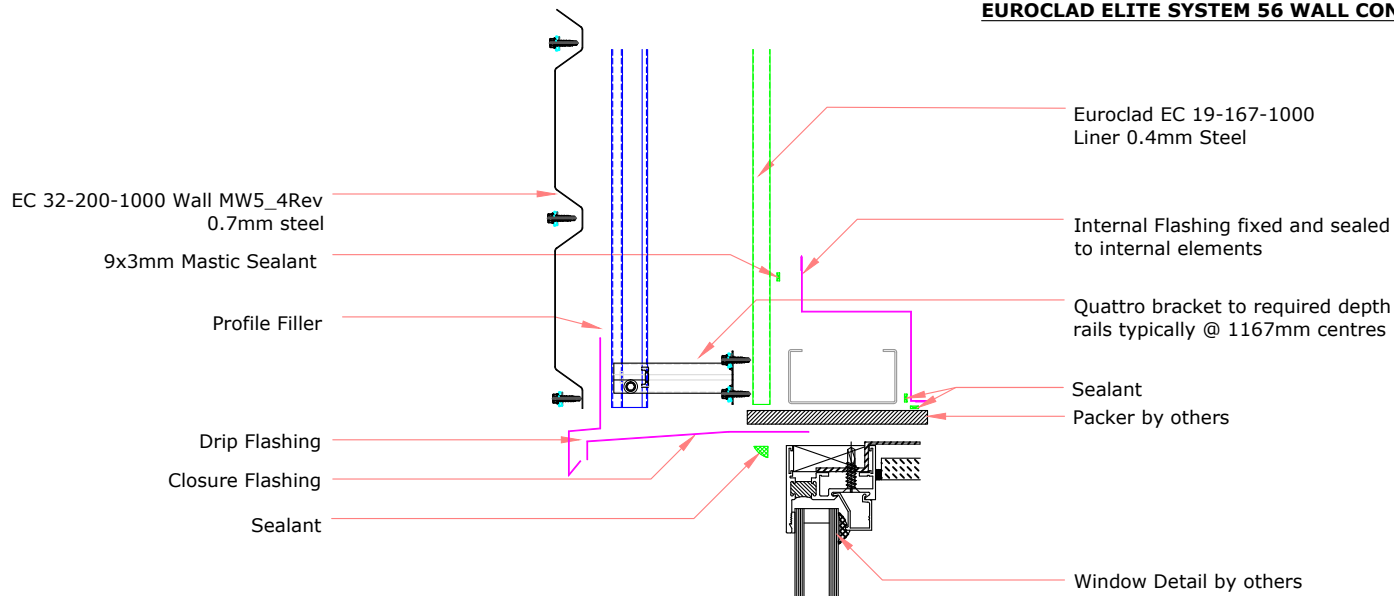
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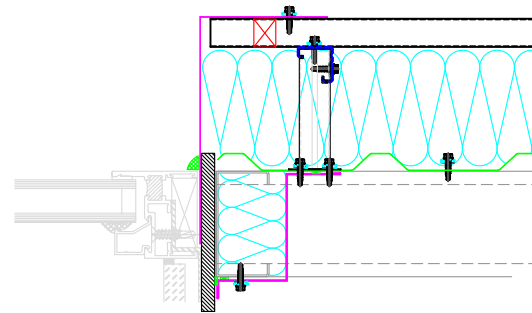


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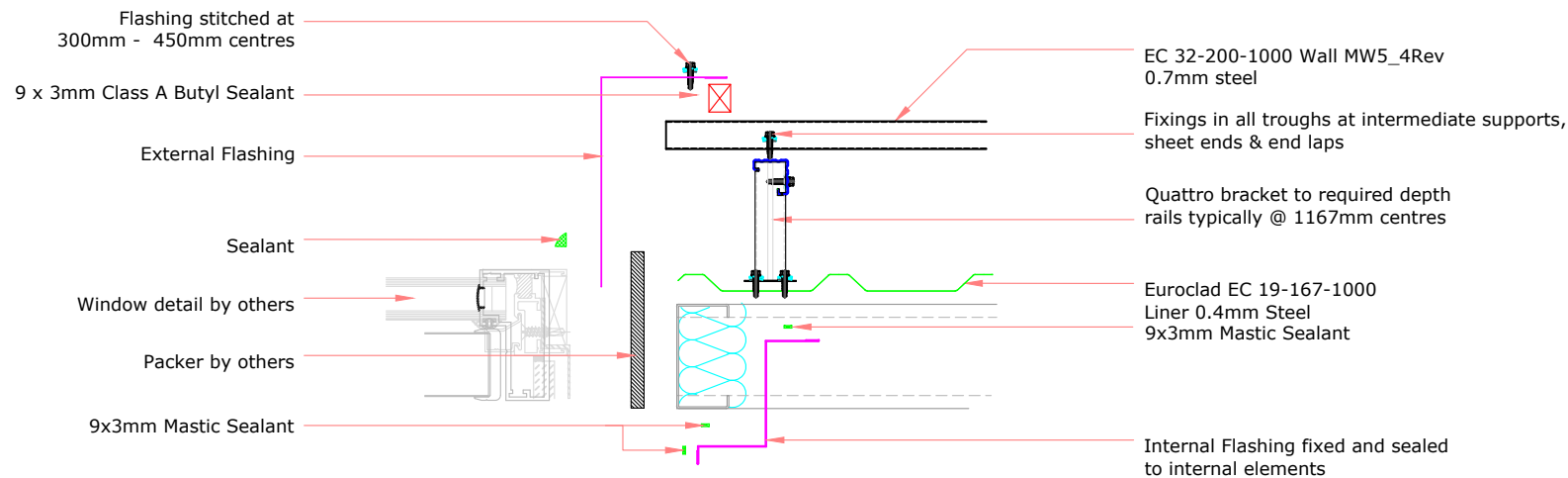
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