

**ELITE SYSTEMS**

**EUROCLAD**

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Fax: +44 (0)2922 010 122

TITLE: Elite System 55  
DWG NO: E55  
DRAWN: MP  
CHECK: PCL  
DATE: Feb 19  
SCALE: NTS

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Elite System 55				
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.

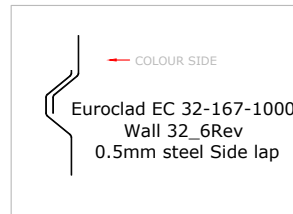
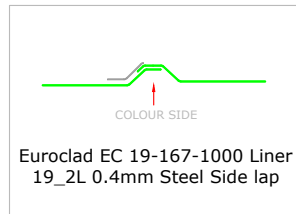
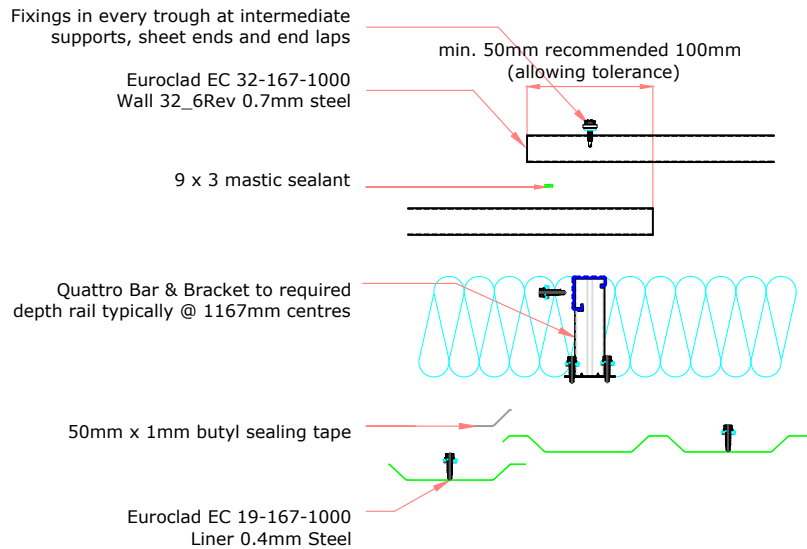
Ensure roll edges are lapped/butted to ensure no gaps. Refer to Fr30 specification.

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

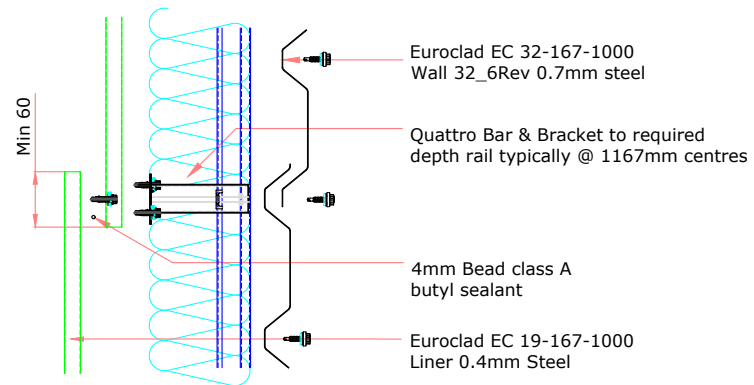
Please refer to the technical note: Installer guidance for quilt insulation in Elite Wall Systems  
Refer to Technical for advice on constructions requiring better U values than those shown.

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**ELITE SYSTEM 55 END LAP DETAIL**



**ELITE SYSTEM 55 SIDE LAP DETAIL**



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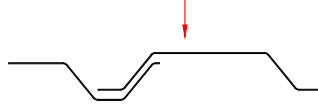
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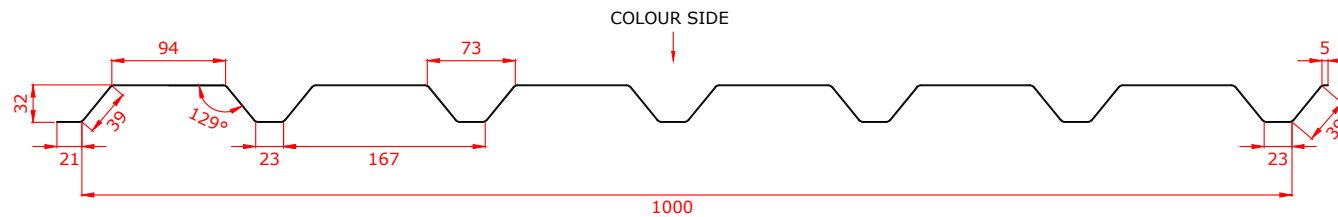
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COLOUR SIDE



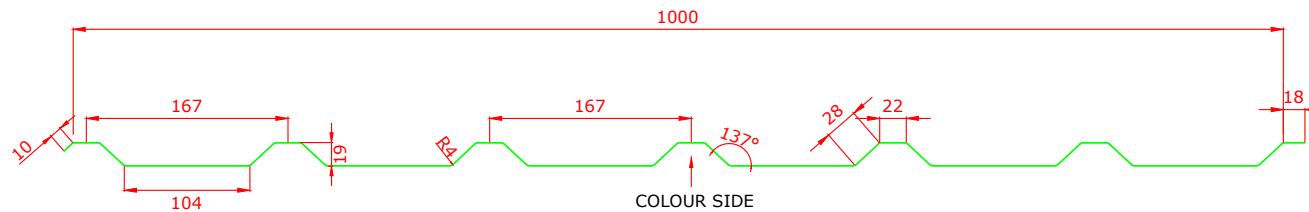
**EUROCLAD EC 32-167-1000 Wall 32\_6Rev 0.5mm  
EXTERNAL SHEET**



COLOUR SIDE



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



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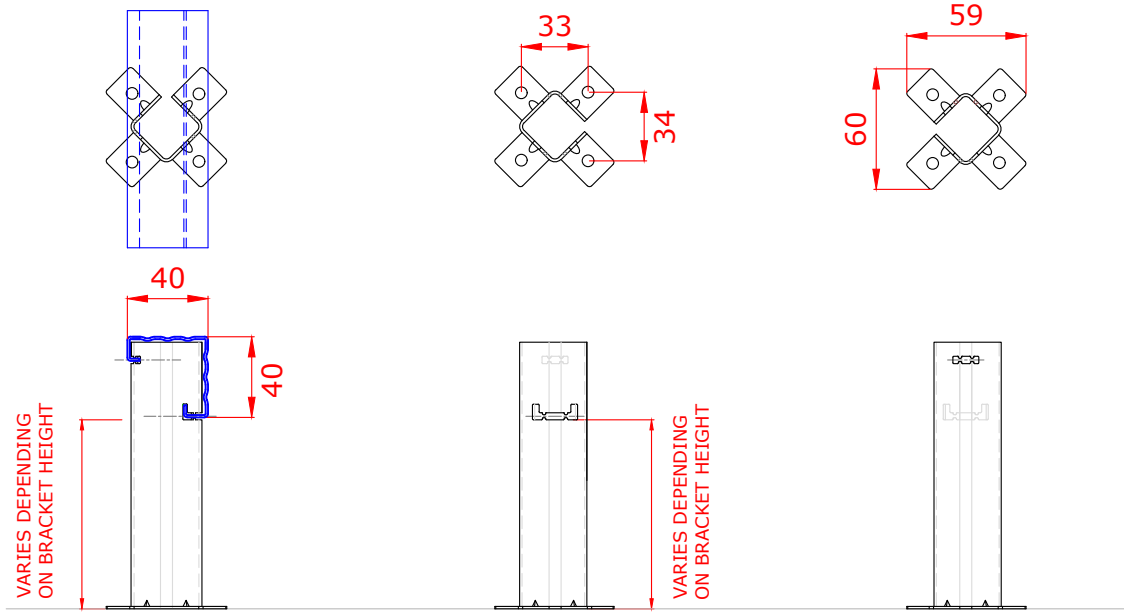
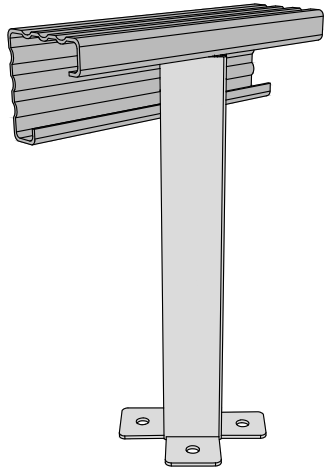
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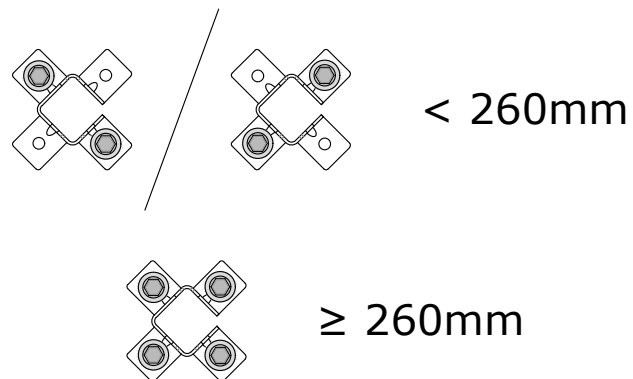
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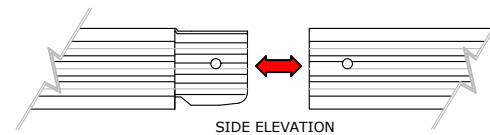
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Brackets less than 260mm require 2 fixings diagonally opposite.  
Brackets 260mm or more require 4 fixings.



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



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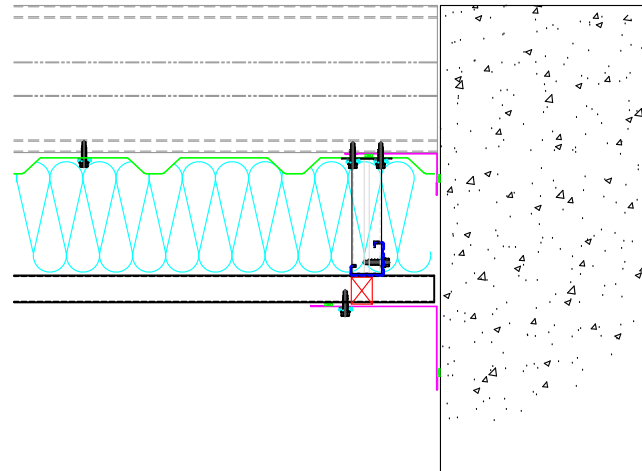
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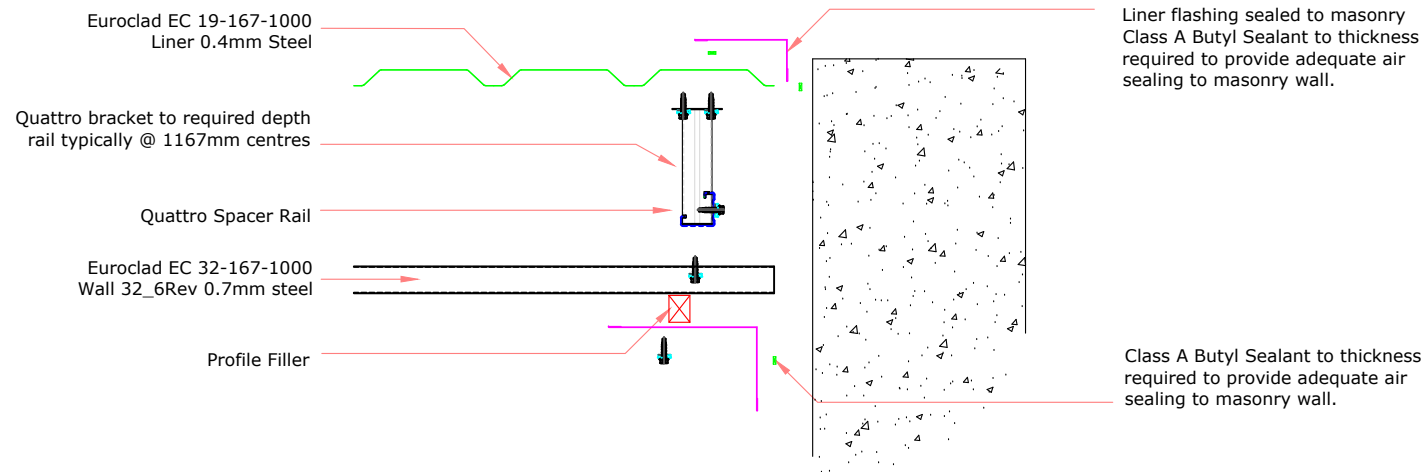
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**EUROCLAD ELITE SYSTEM 55 WALL CONSTRUCTION**



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

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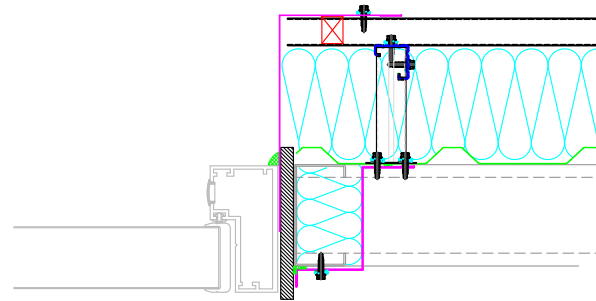
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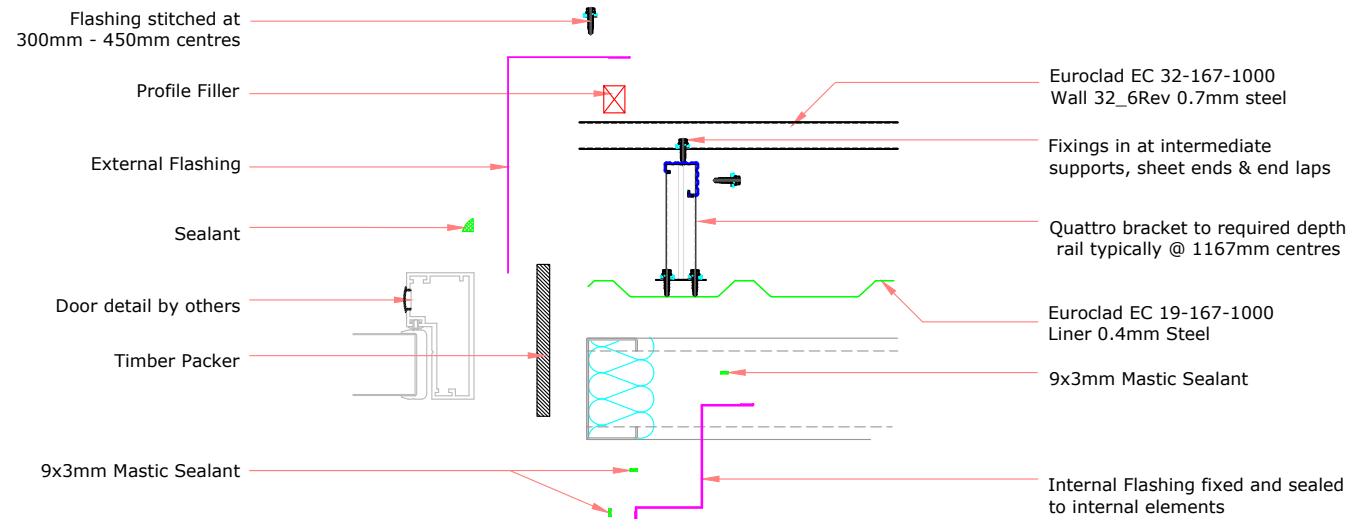
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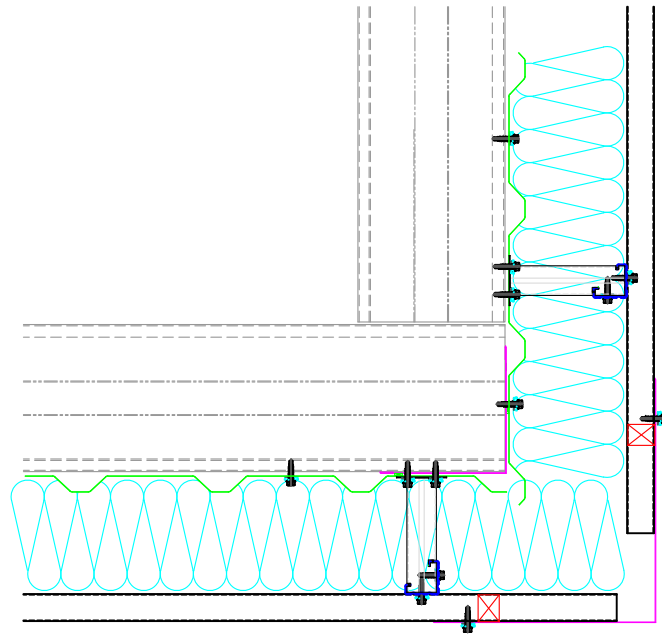
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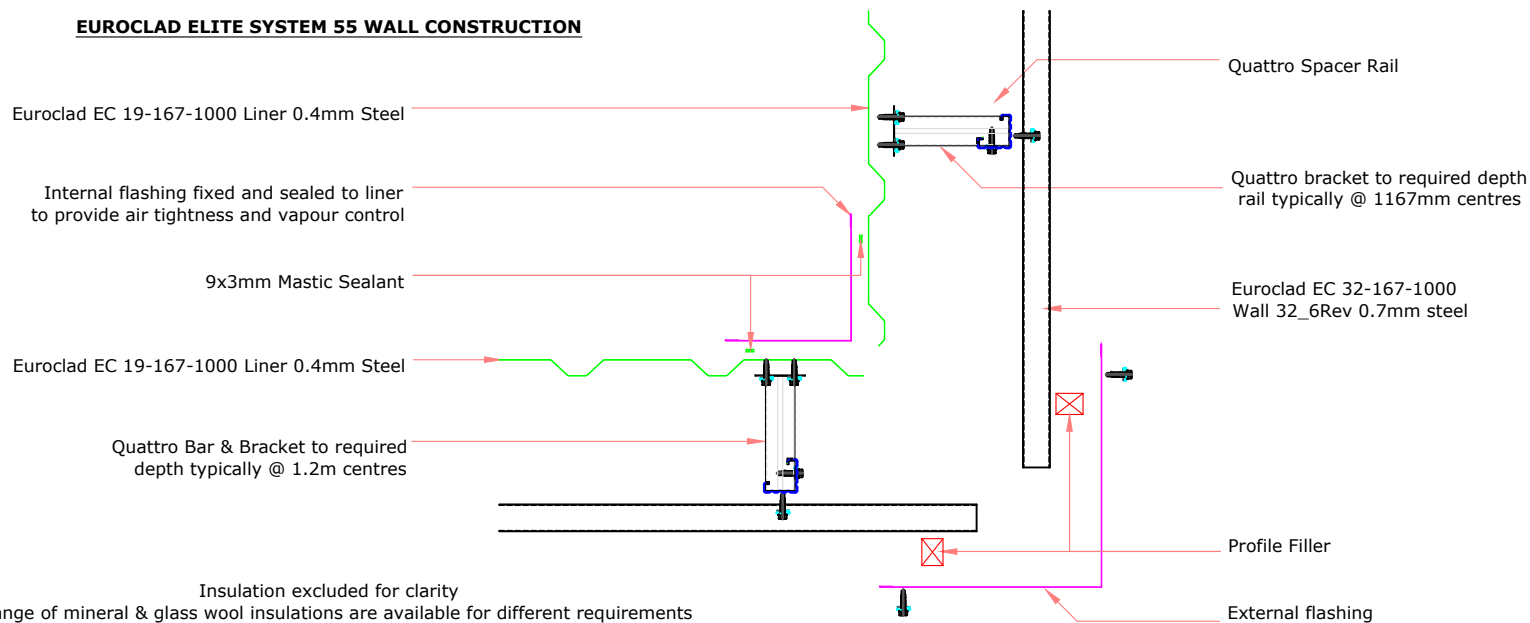
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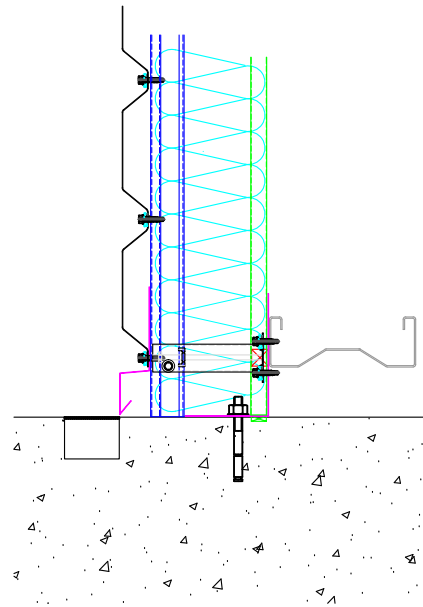


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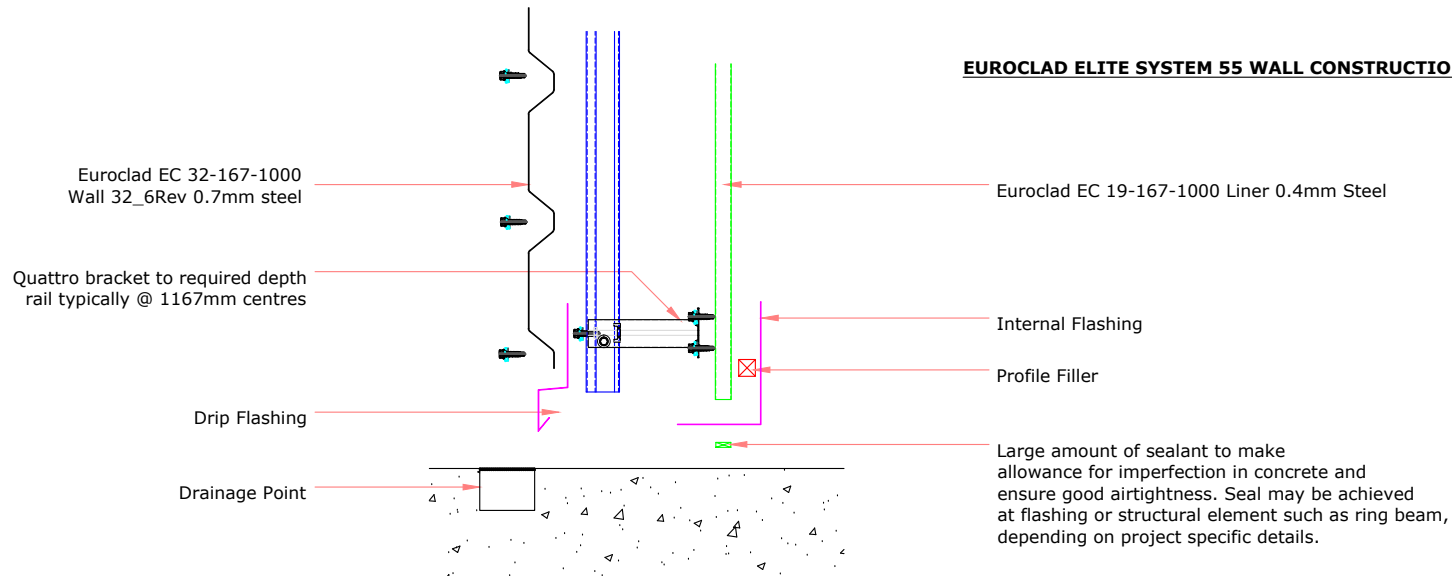
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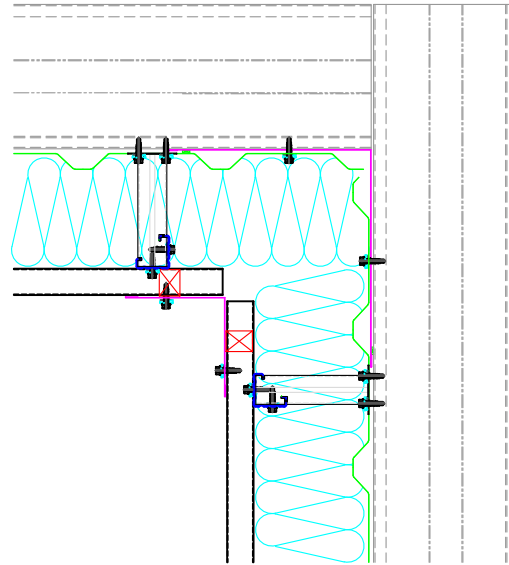


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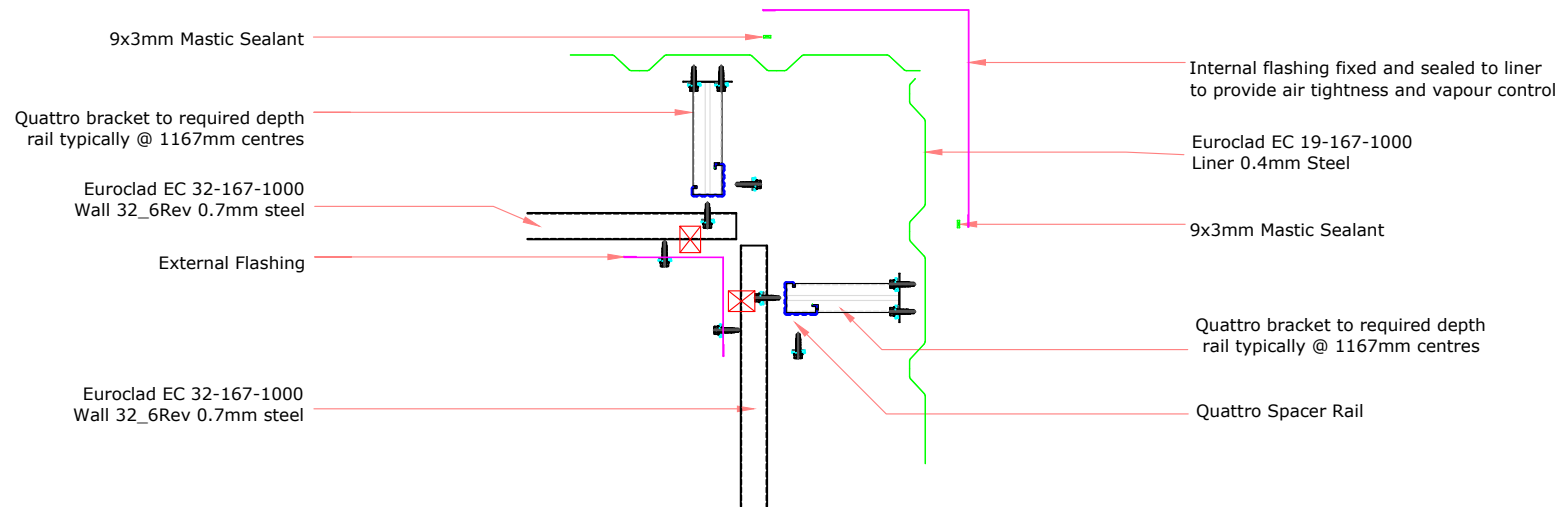
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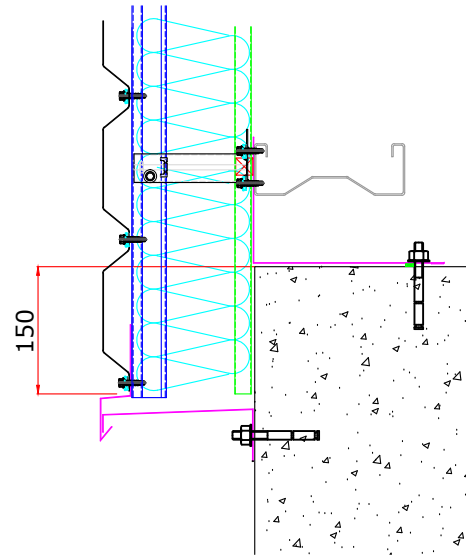
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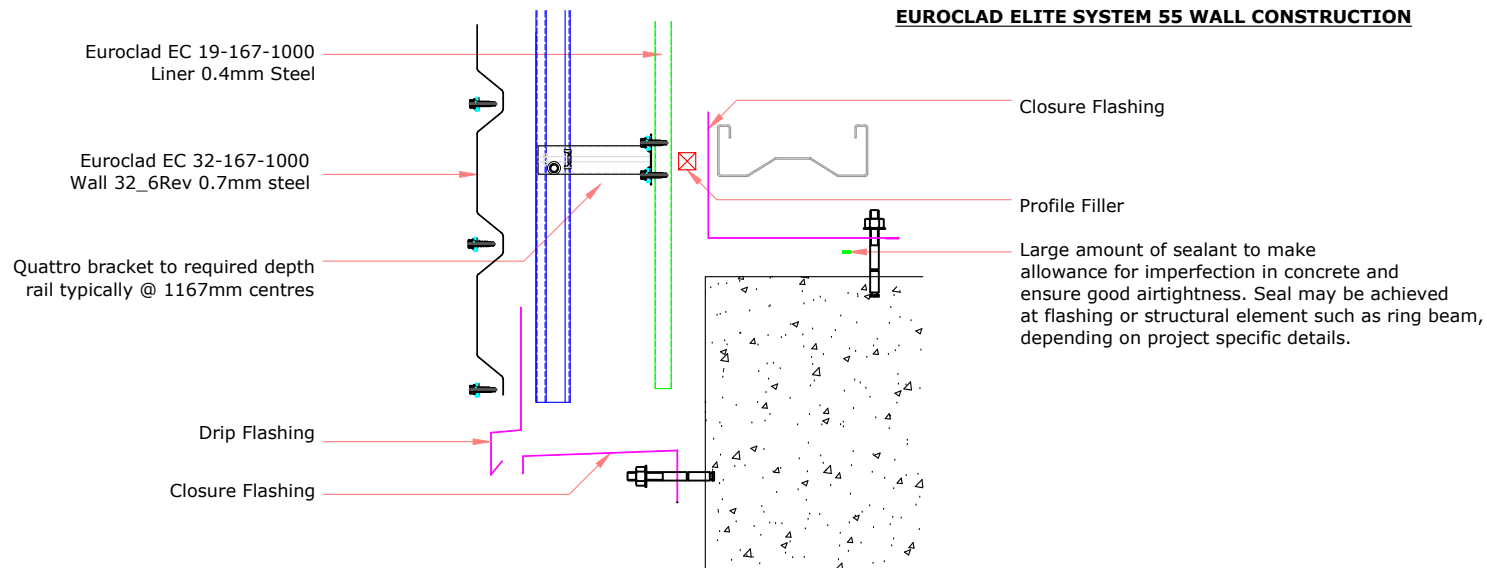
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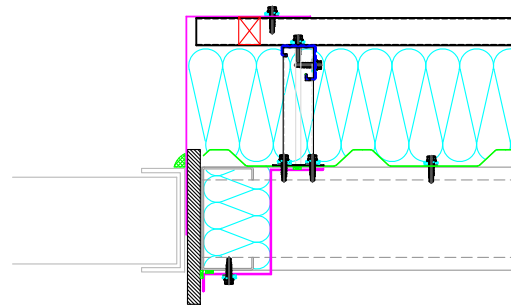
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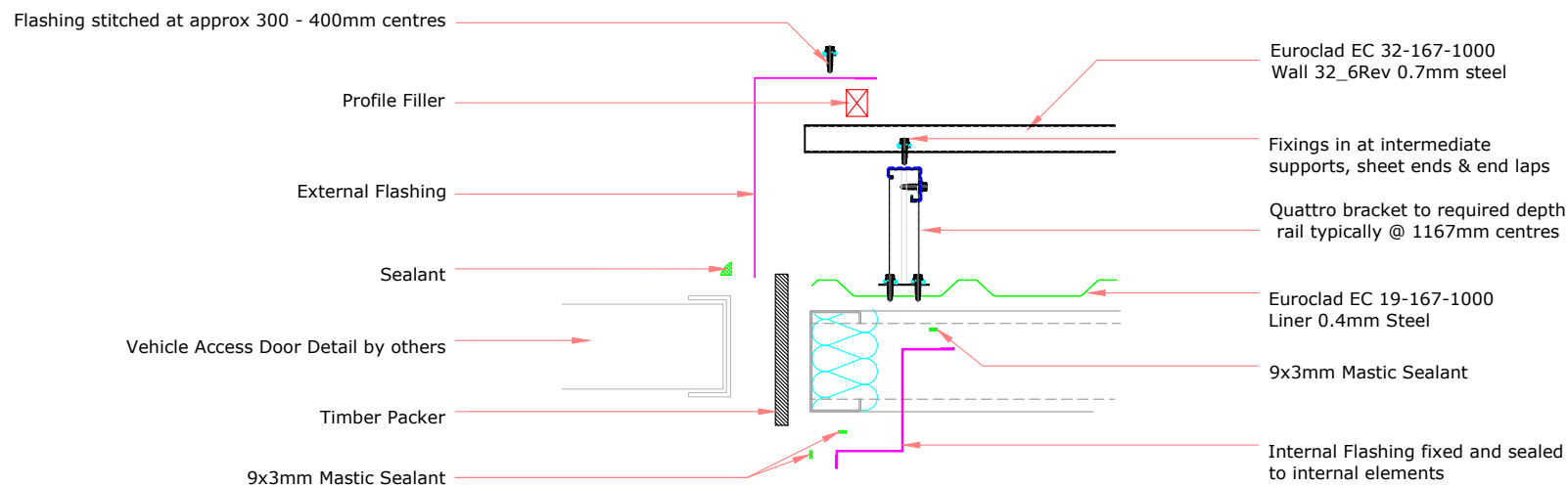
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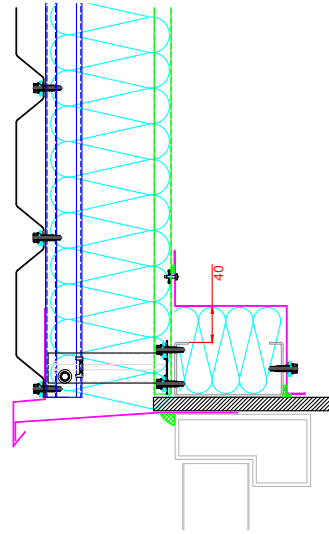
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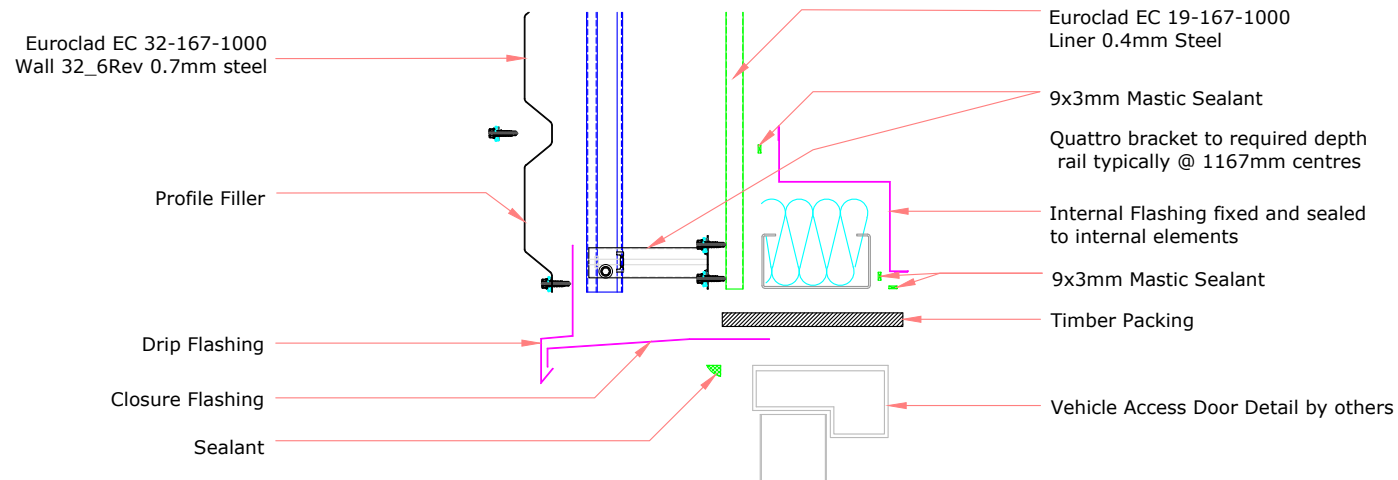
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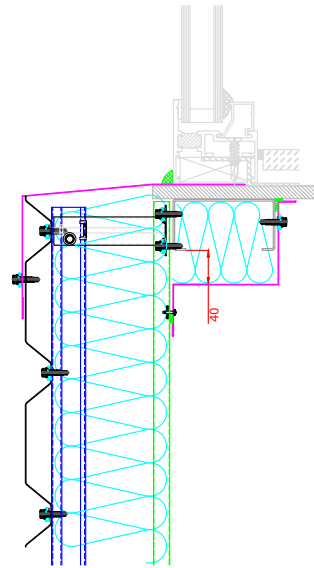


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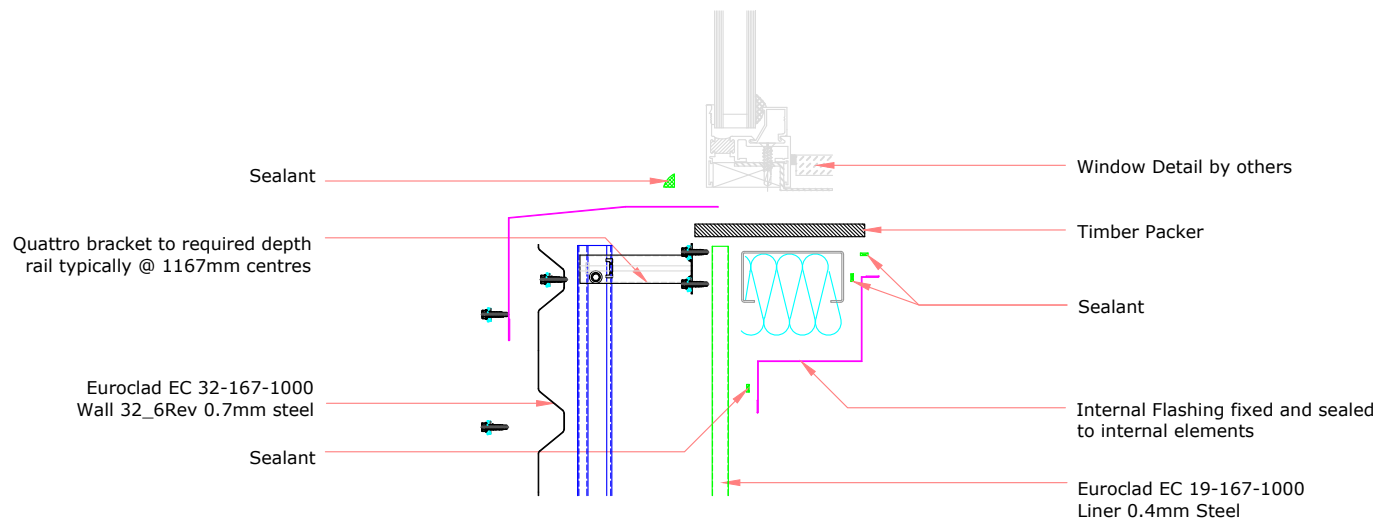
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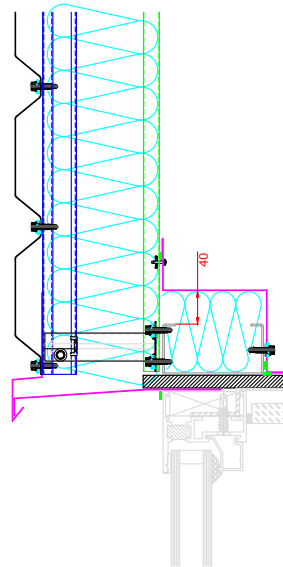
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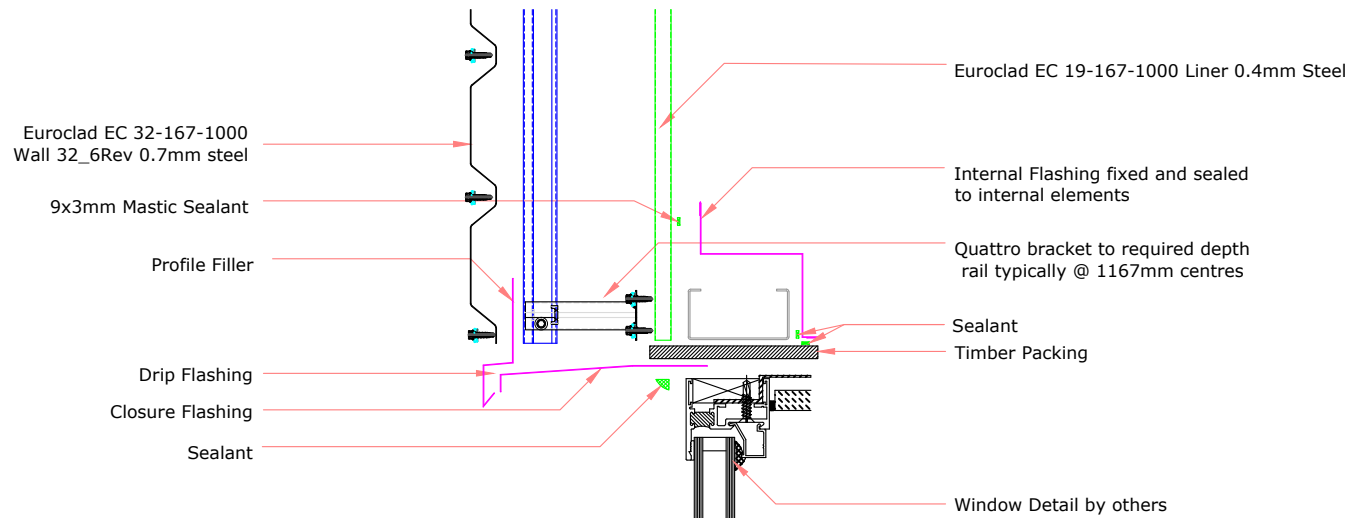
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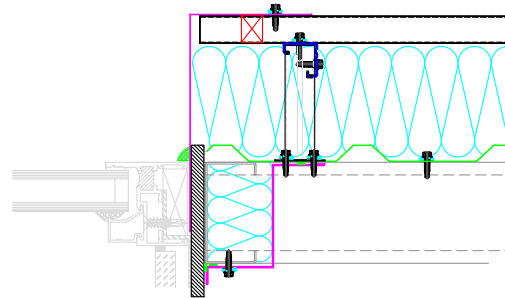


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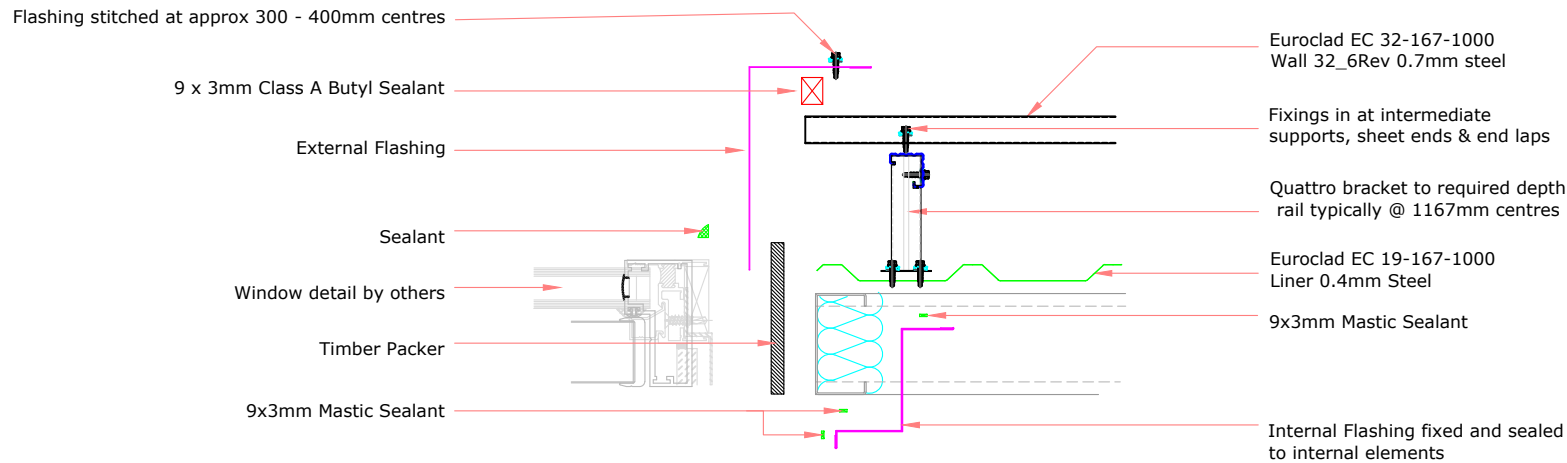
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