

ELITE SYSTEMS

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Fax: +44 (0)2922 010 122

TITLE: Elite System 60

DWG NO: E60

DRAWN: MP

CHECK: PCL

DATE: Feb 19

SCALE: NTS

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To be read in conjunction with Elite System specification documents

Elite System 60

Bracket Height	Insulation Thickness	Insulation Value	Overall System Depth	U Value at 1.5M Centres
100mm	100mm	0.040	150mm	0.43
120mm	120mm	0.040	170mm	0.36
140mm	140mm	0.040	190mm	0.31
160mm	160mm	0.040	210mm	0.27
180mm	180mm	0.040	230mm	0.24
200mm	200mm	0.040	250mm	0.22
220mm	220mm	0.040	270mm	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.

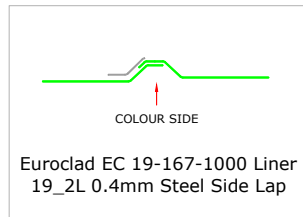
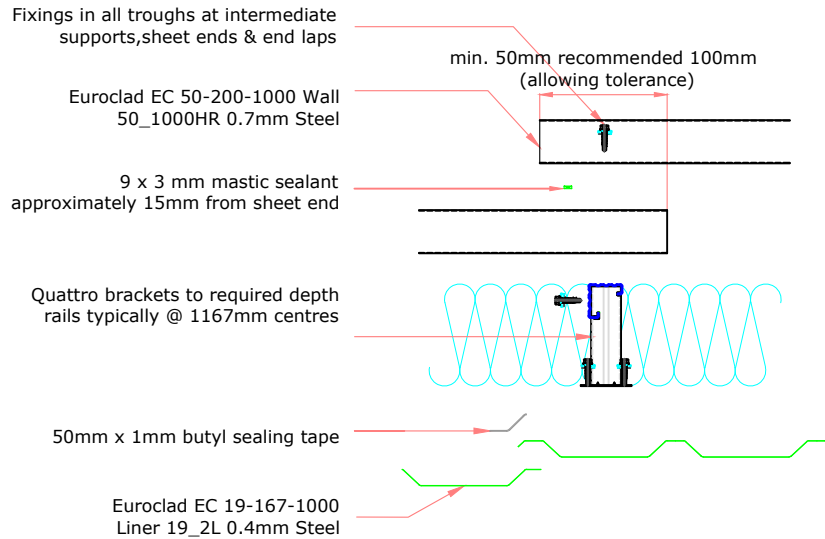
Ensure roll edges are lapped/butted to ensure no gaps. Refer to Fr30 specification.

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

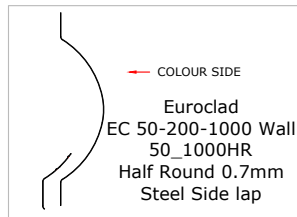
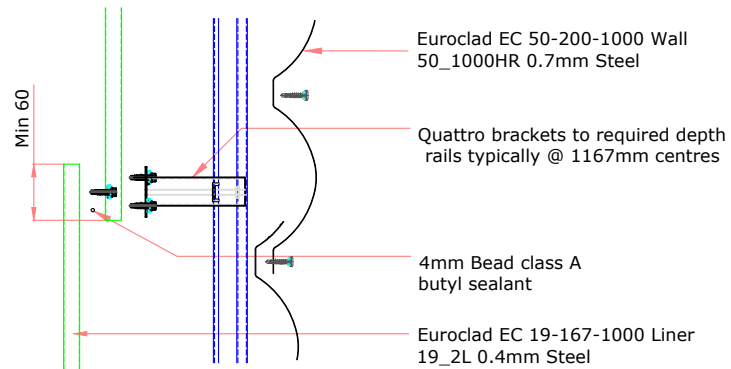
Please refer to the technical note: Installer guidance for quilt insulation in Elite Wall Systems
Refer to Technical for advice on constructions requiring better U values than those shown.

Please Note:
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 Ensure roll edges are lapped/butted to ensure no gaps.
 Fire Resistance performance 120 minutes Integrity, 15 minutes (min) Insulation.
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ELITE SYSTEM 60 END LAP DETAIL



ELITE SYSTEM 60 SIDE LAP DETAIL



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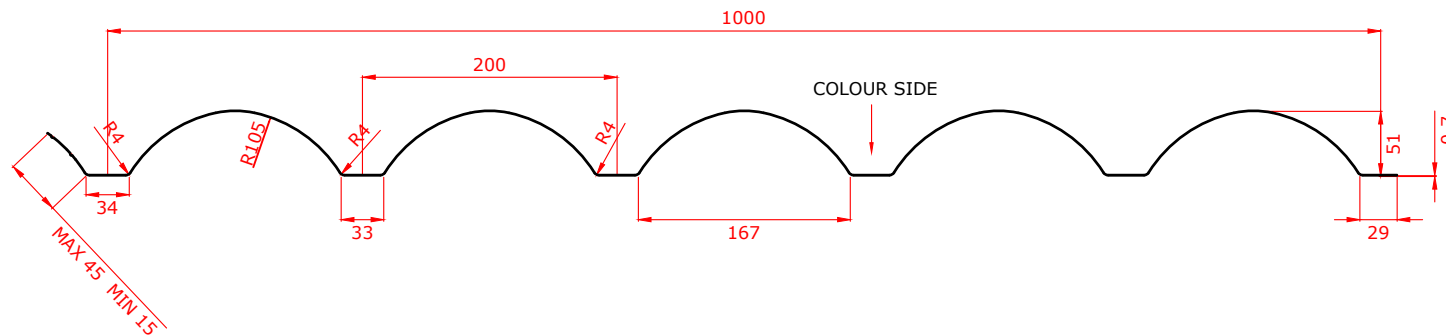
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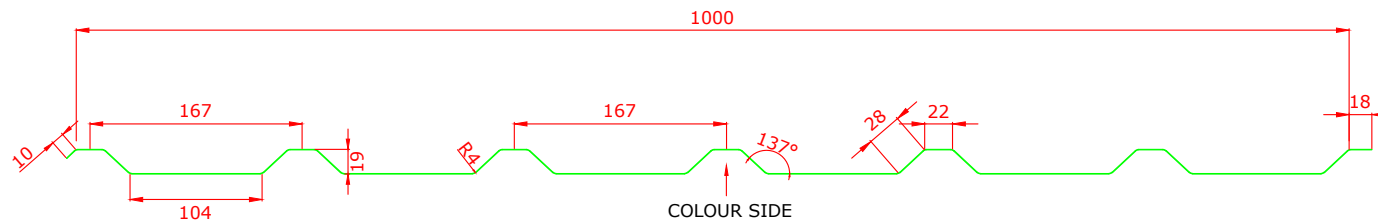
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EUROCLAD EC 50-200-1000 Wall 50_1000HR 0.7mm Steel EXTERNAL SHEET

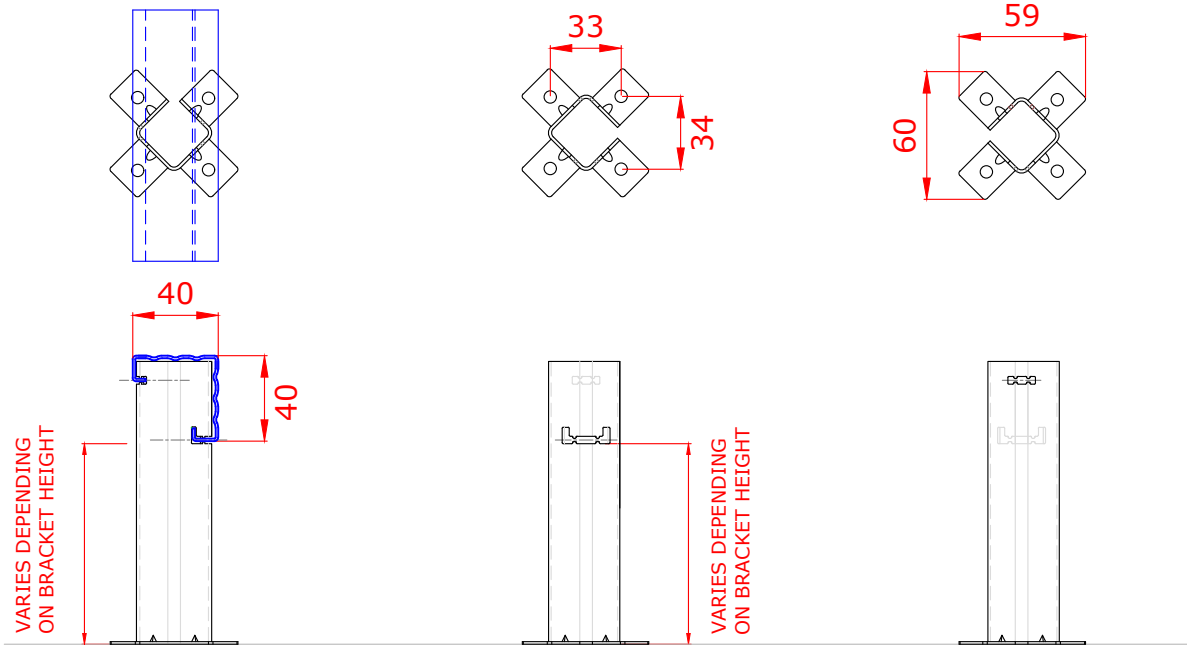
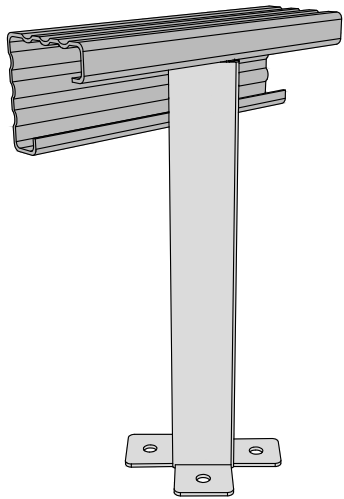


EUROCLAD EC 19-167-1000 Liner 19_2L 0.4mm Steel

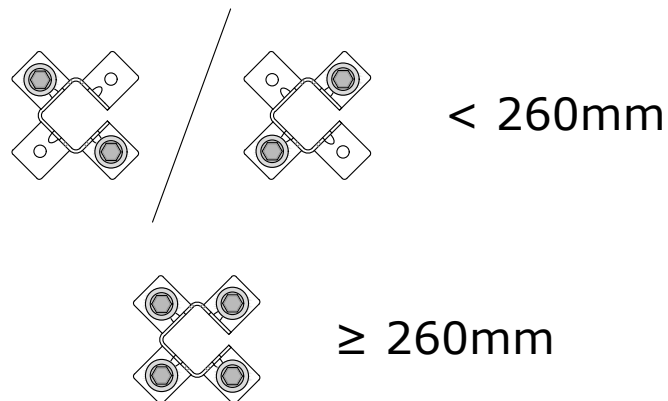


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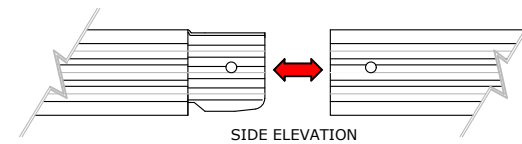
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Brackets less than 260mm require 2 fixings diagonally opposite.
Brackets 260mm or more require 4 fixings.



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



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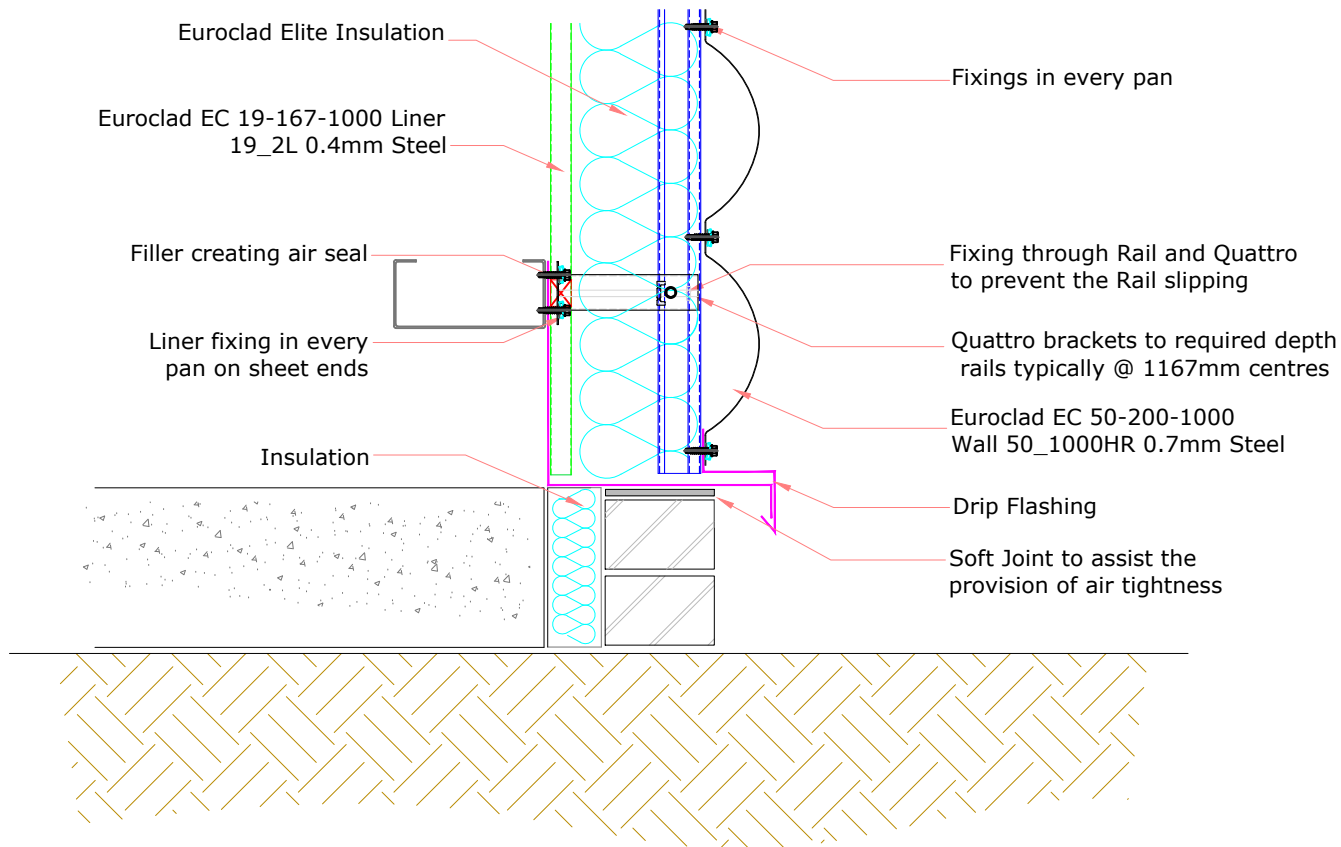
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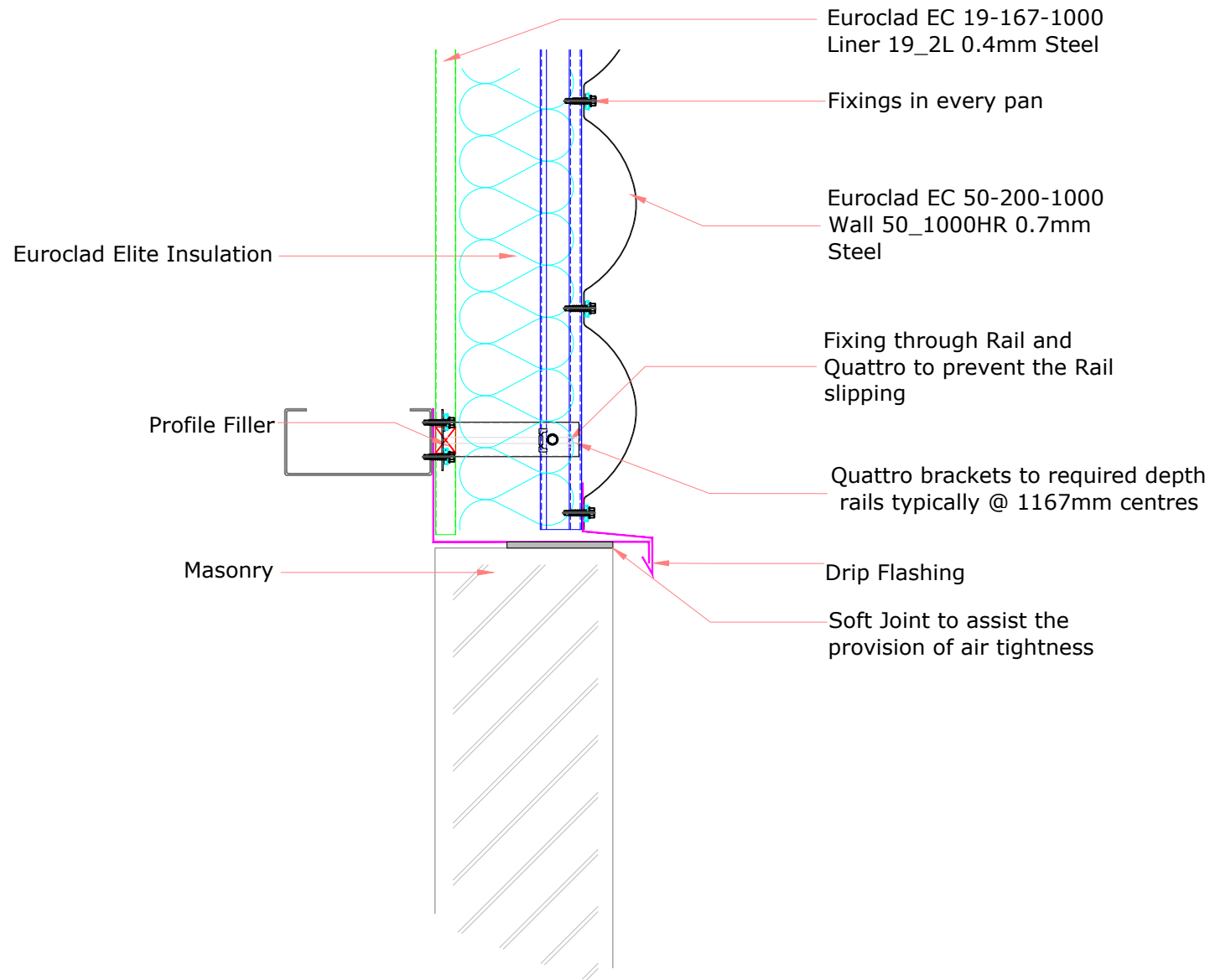
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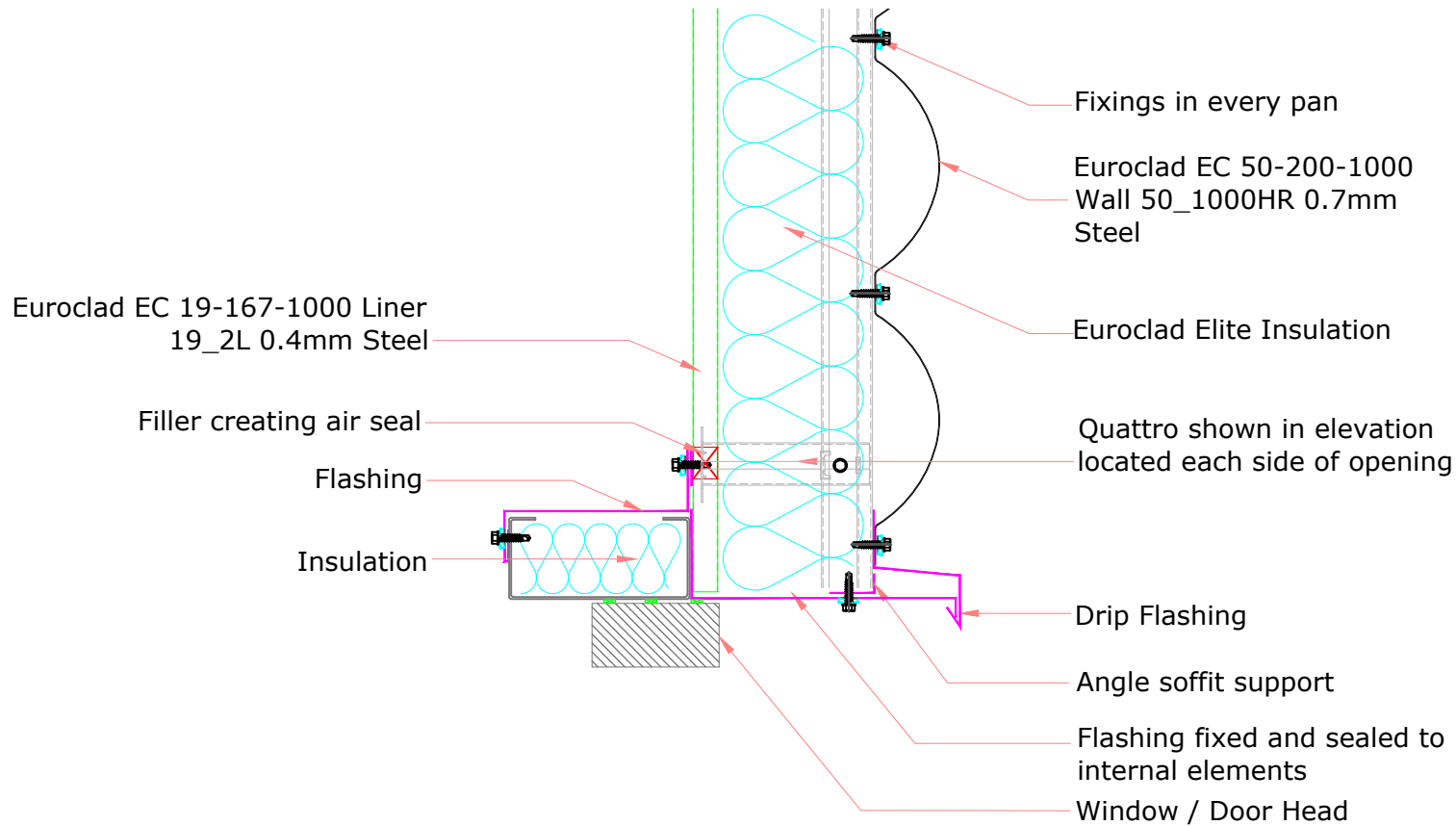
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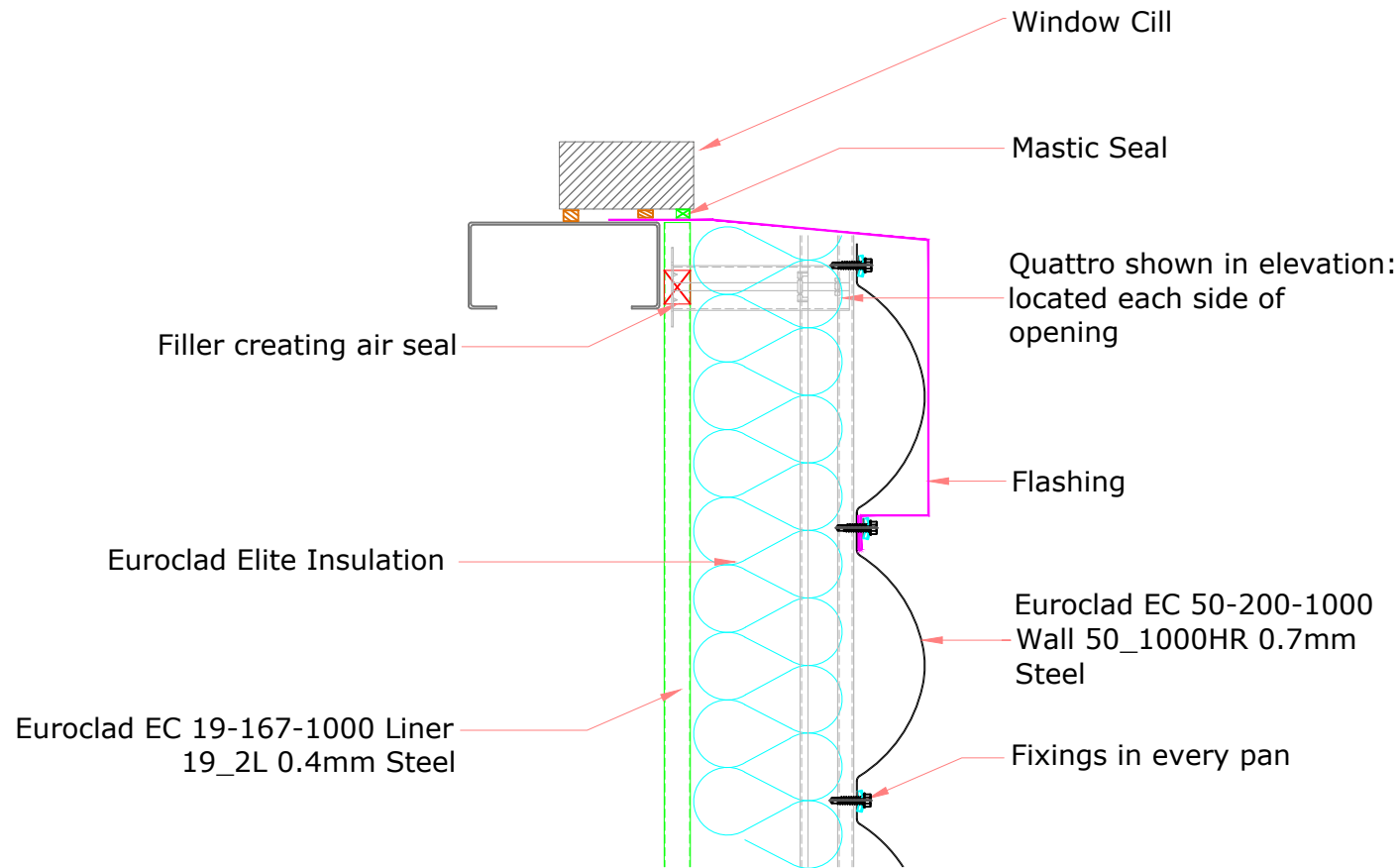


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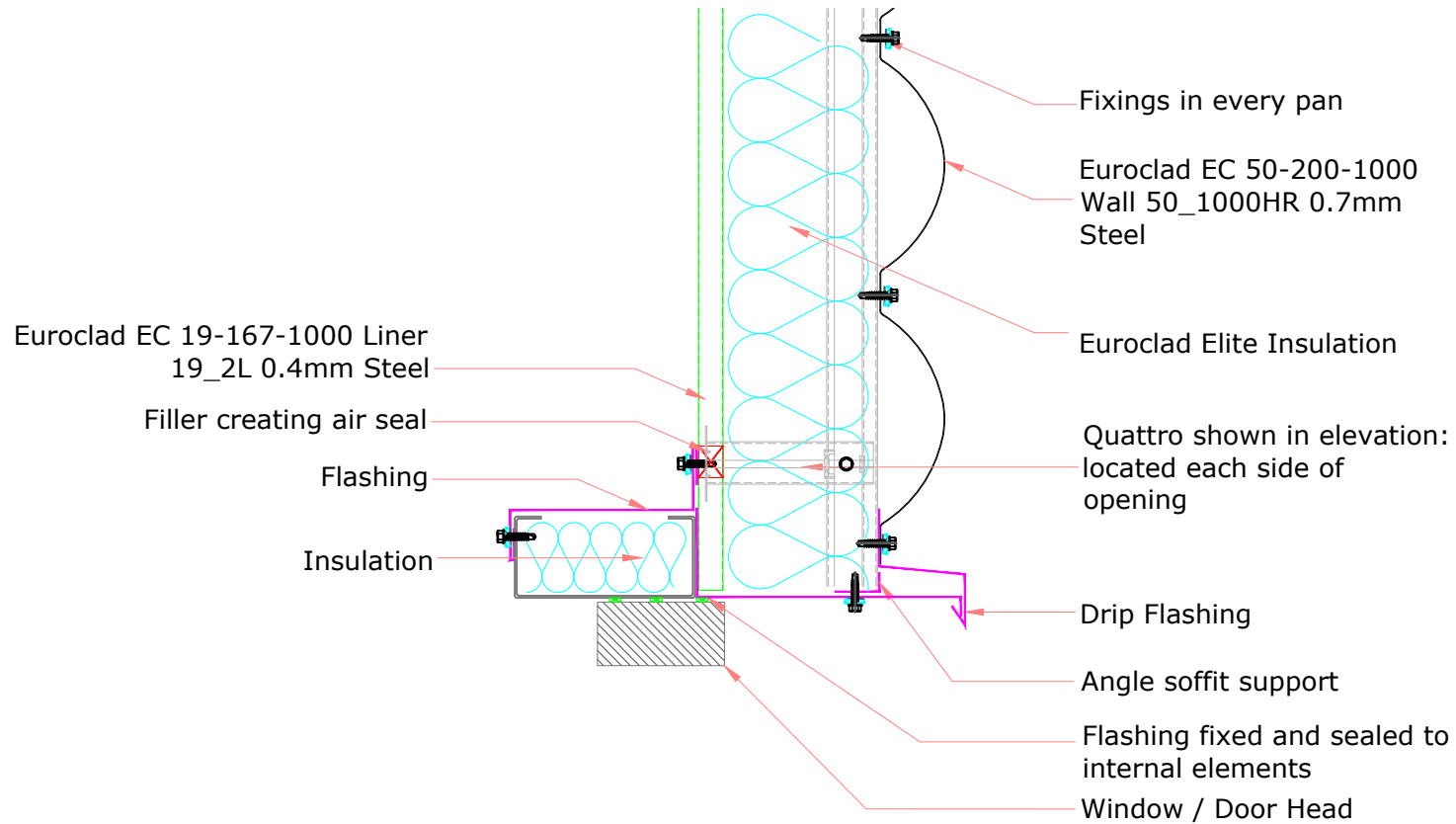
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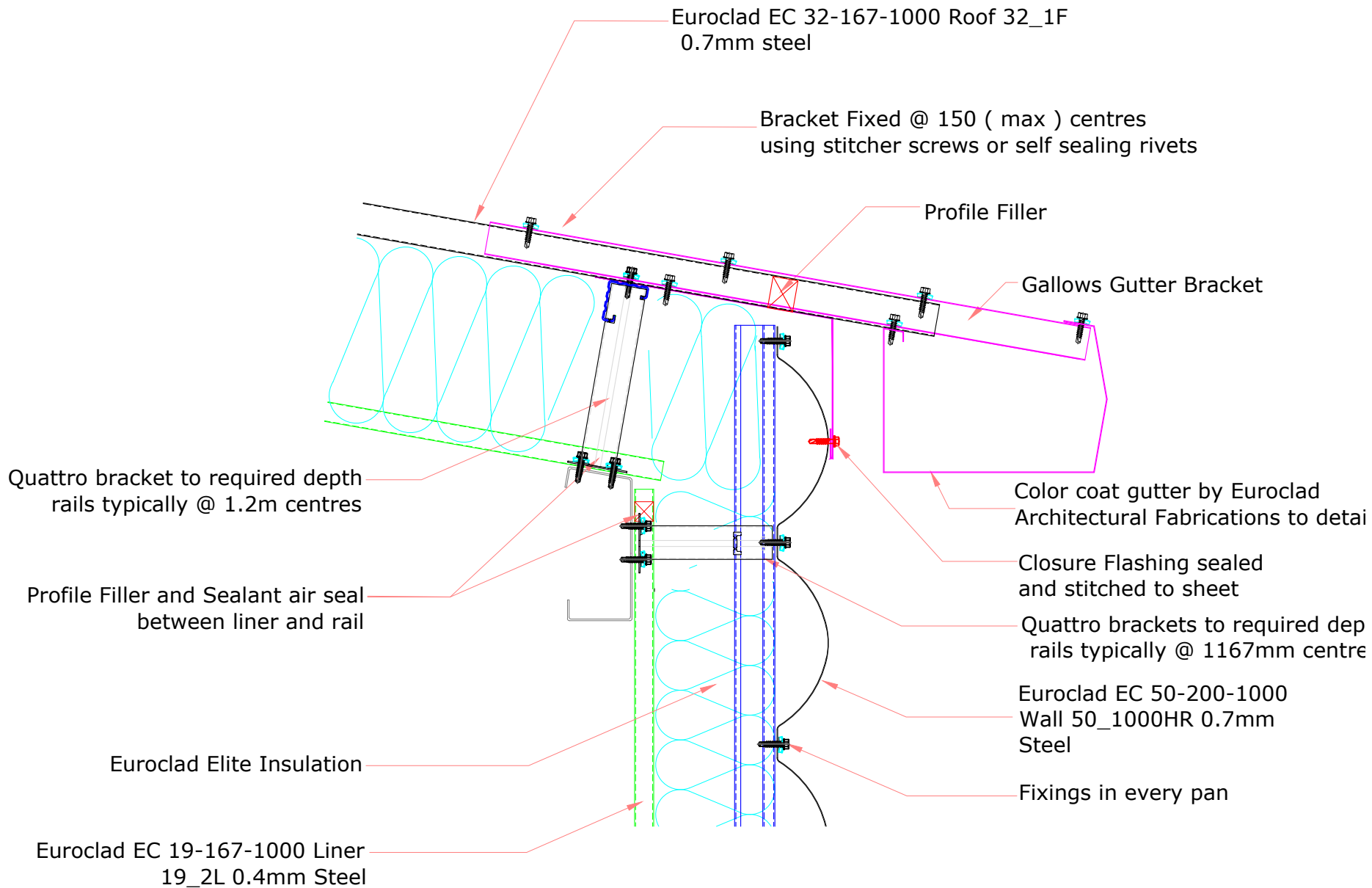
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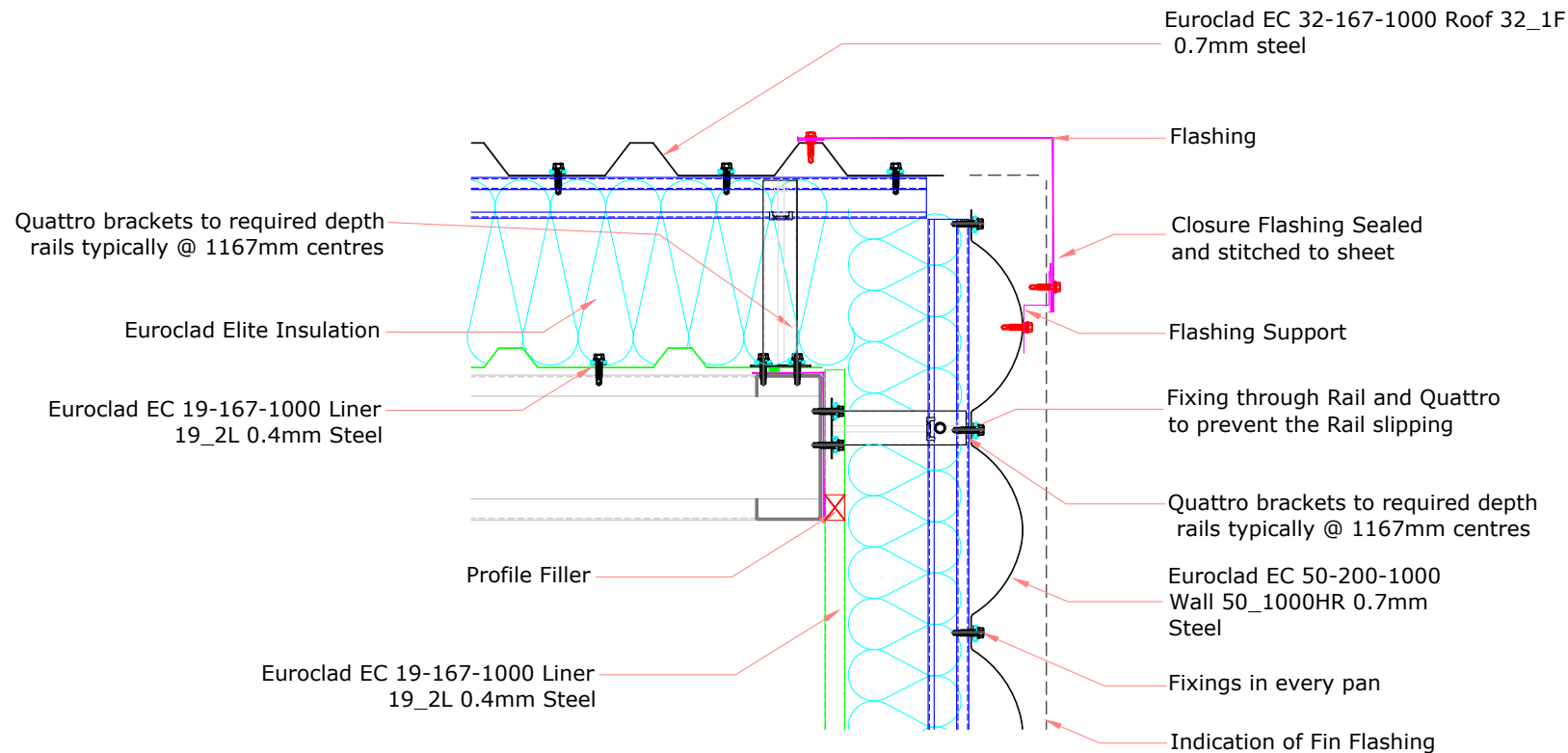
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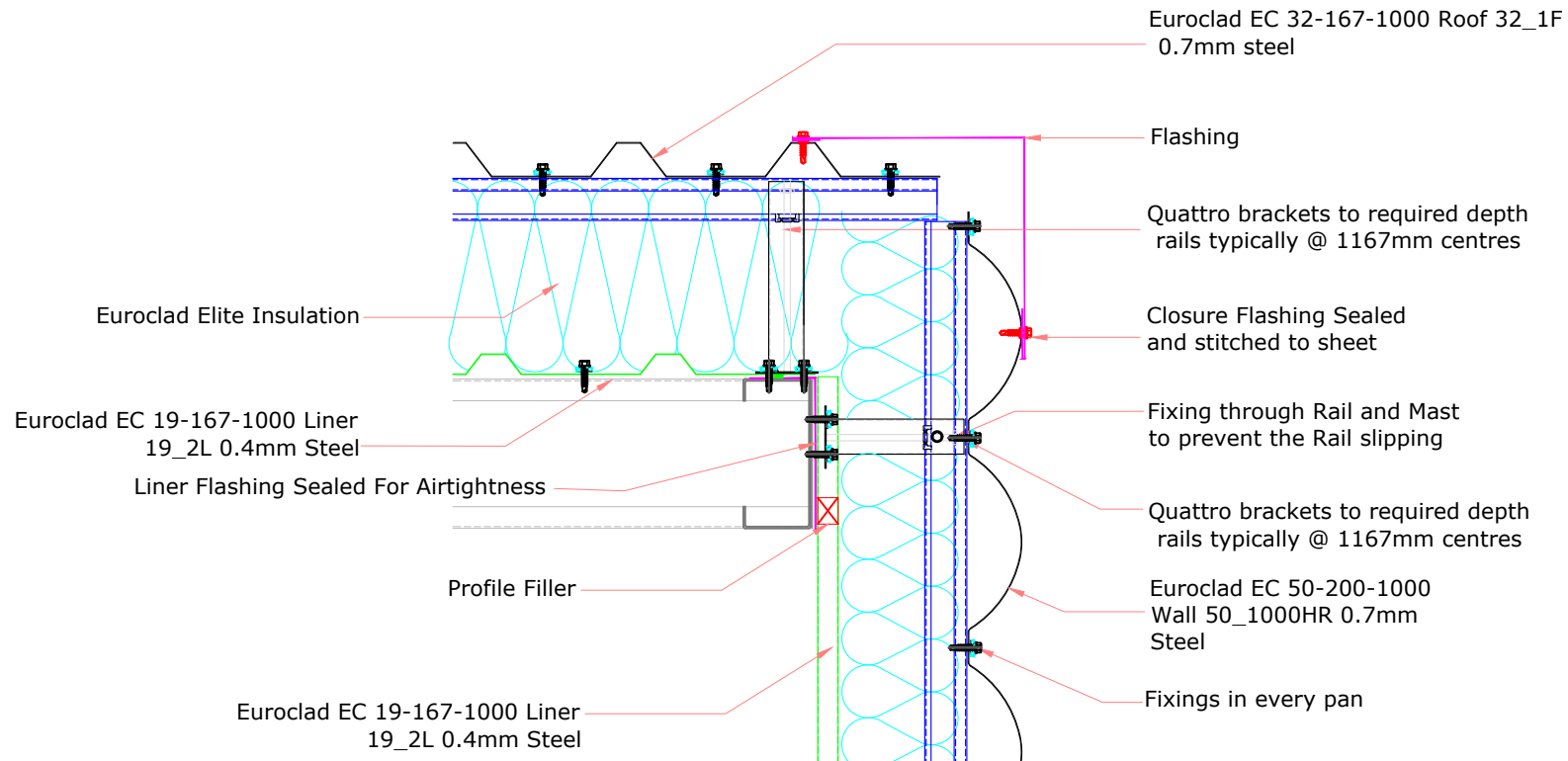
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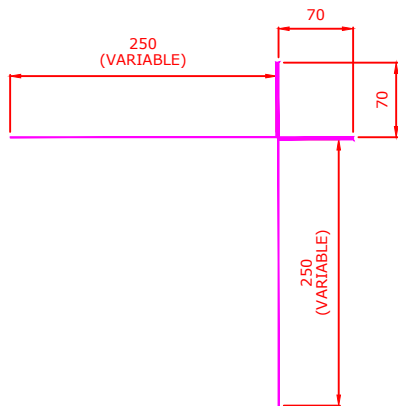
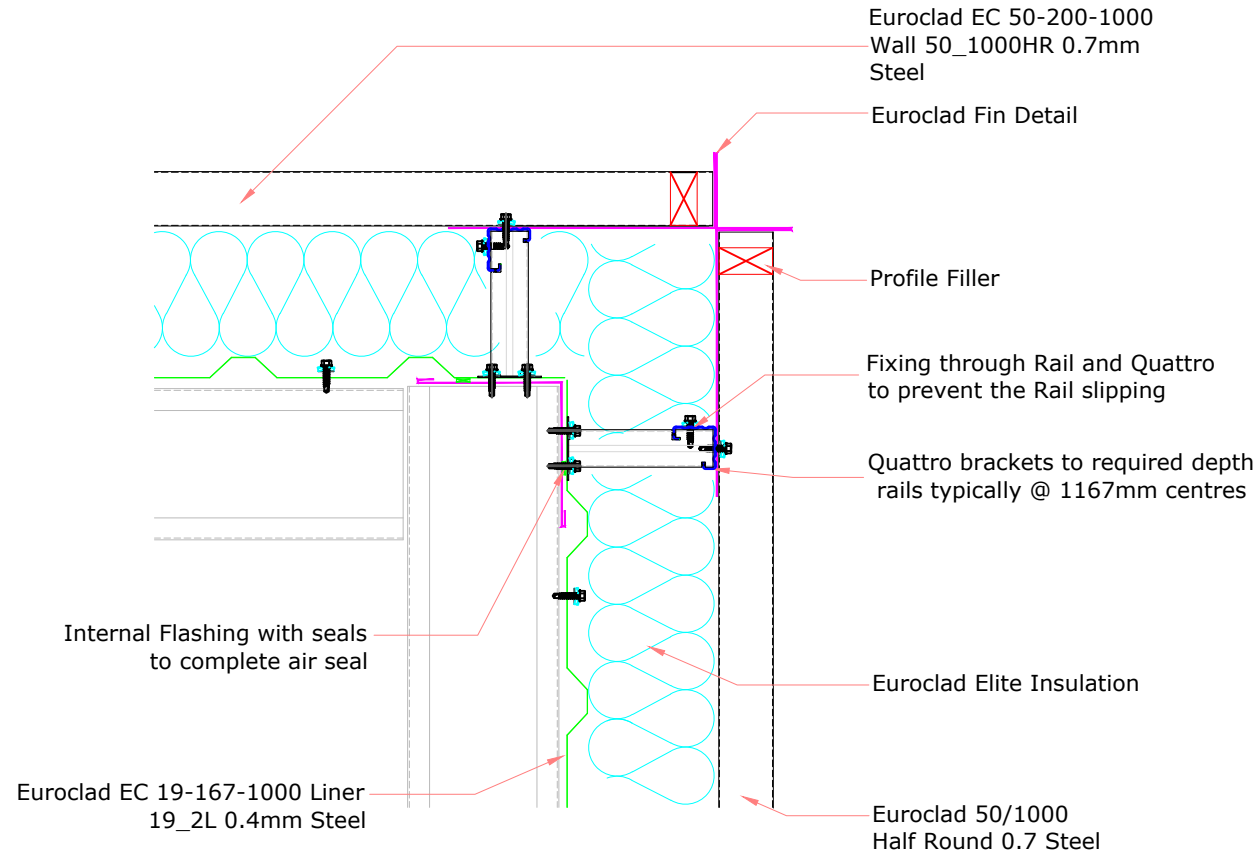
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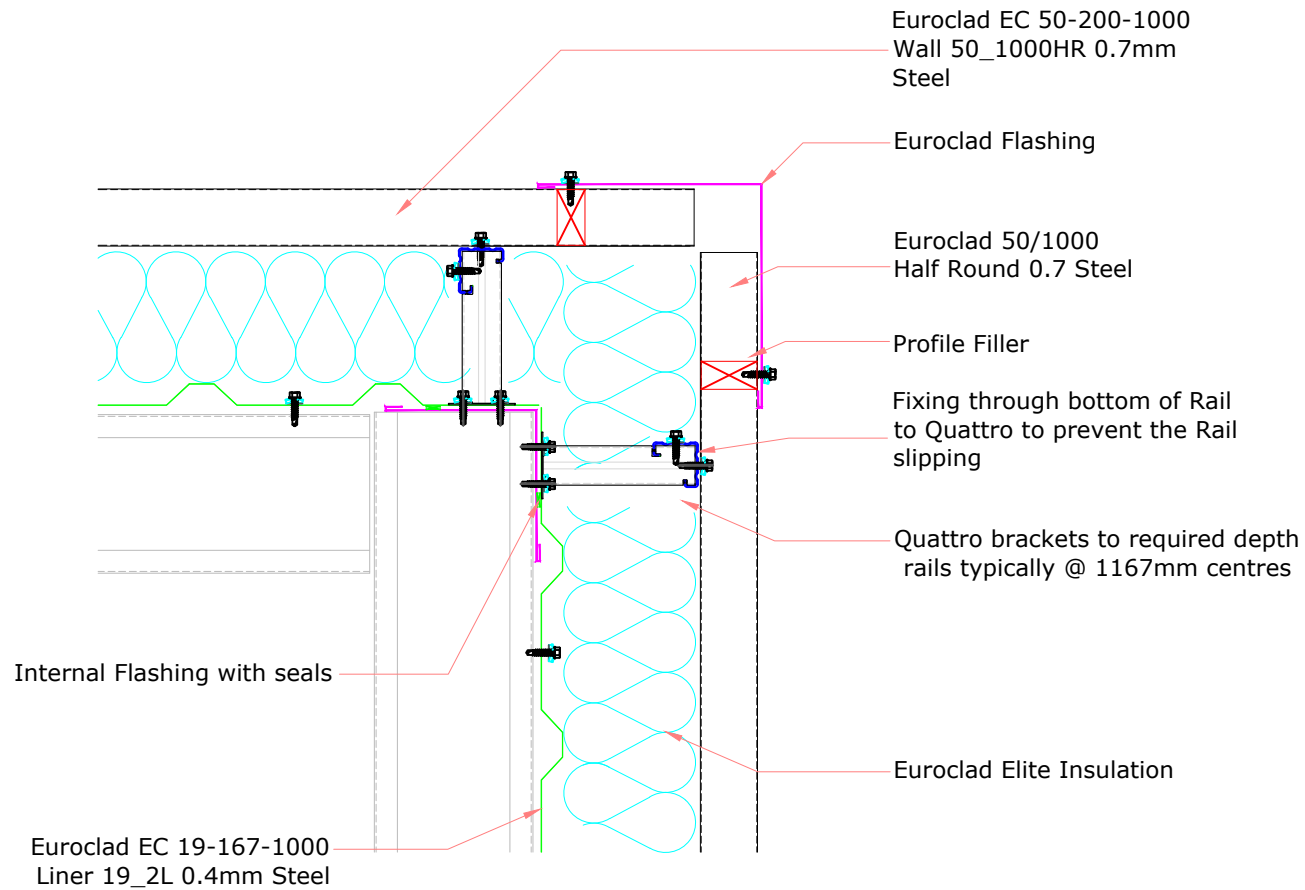
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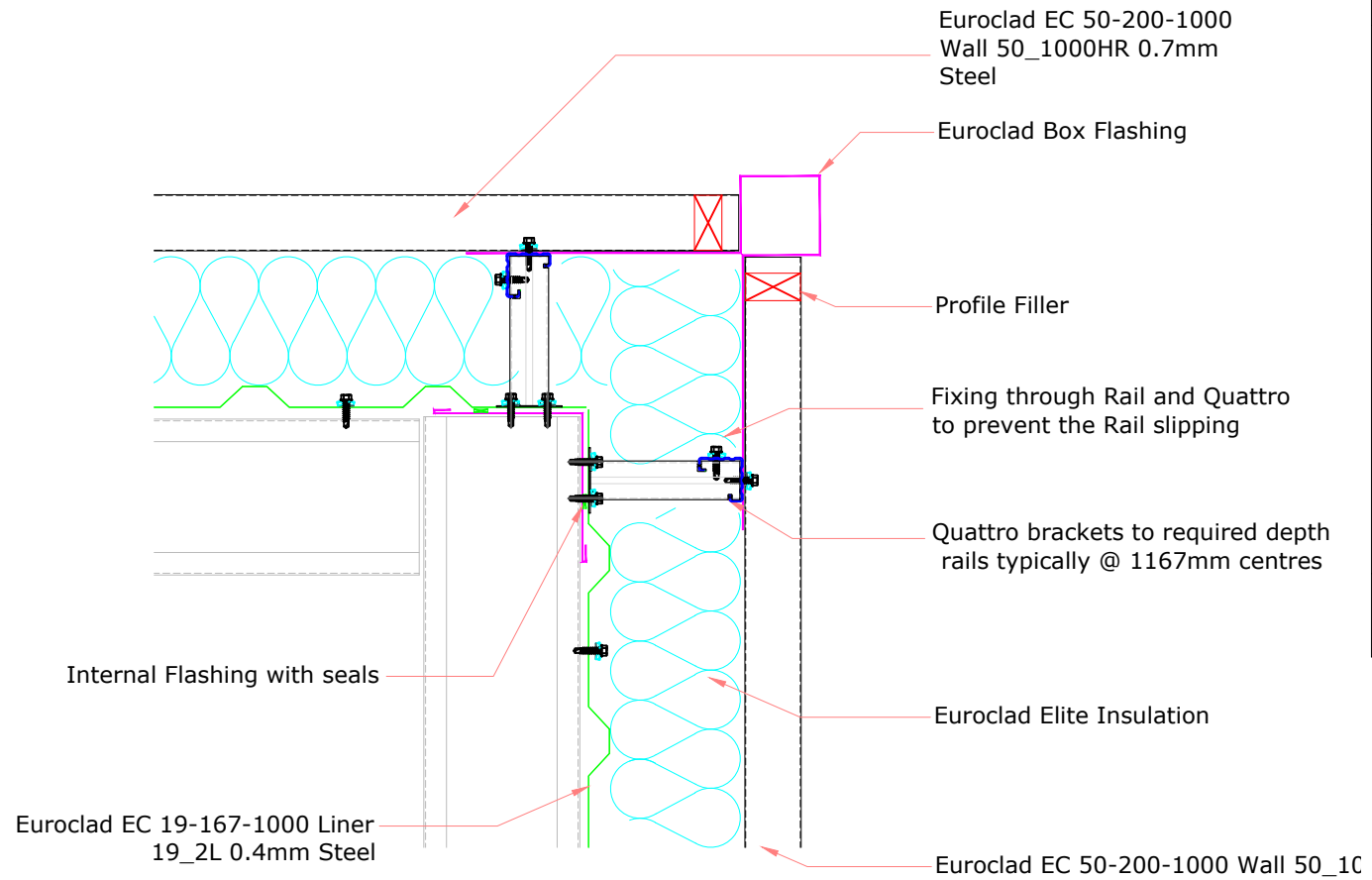
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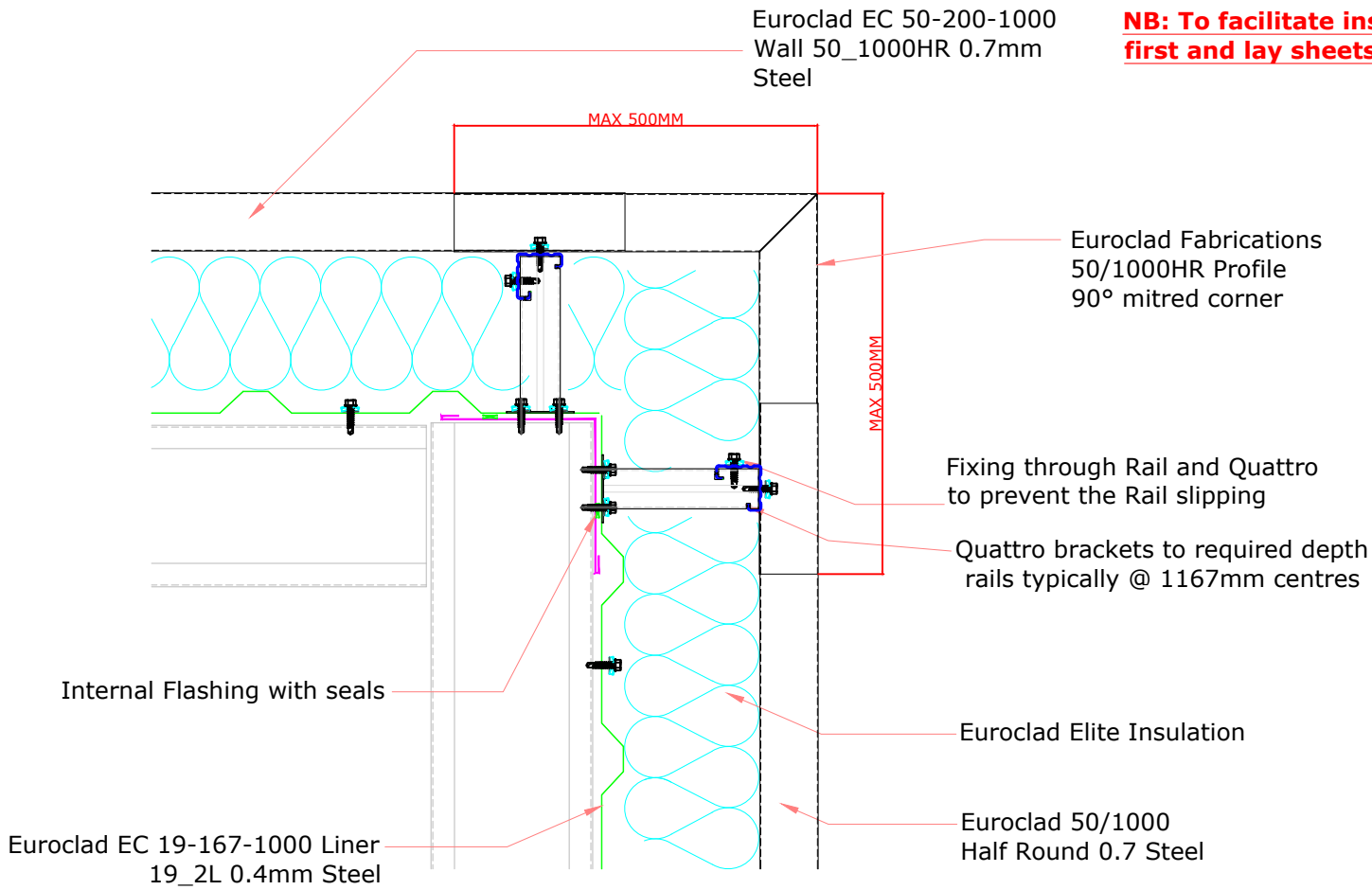
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NB: To facilitate installation fix mitred corners first and lay sheets away from corners.

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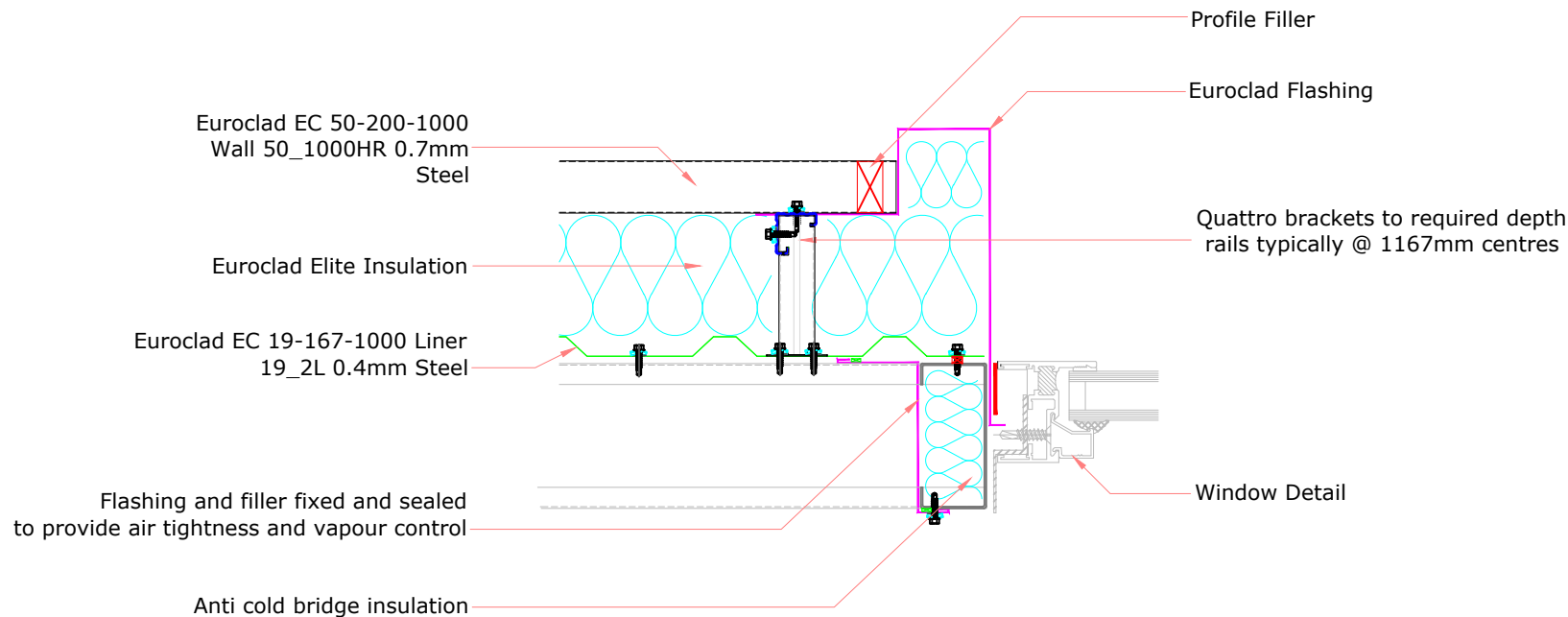
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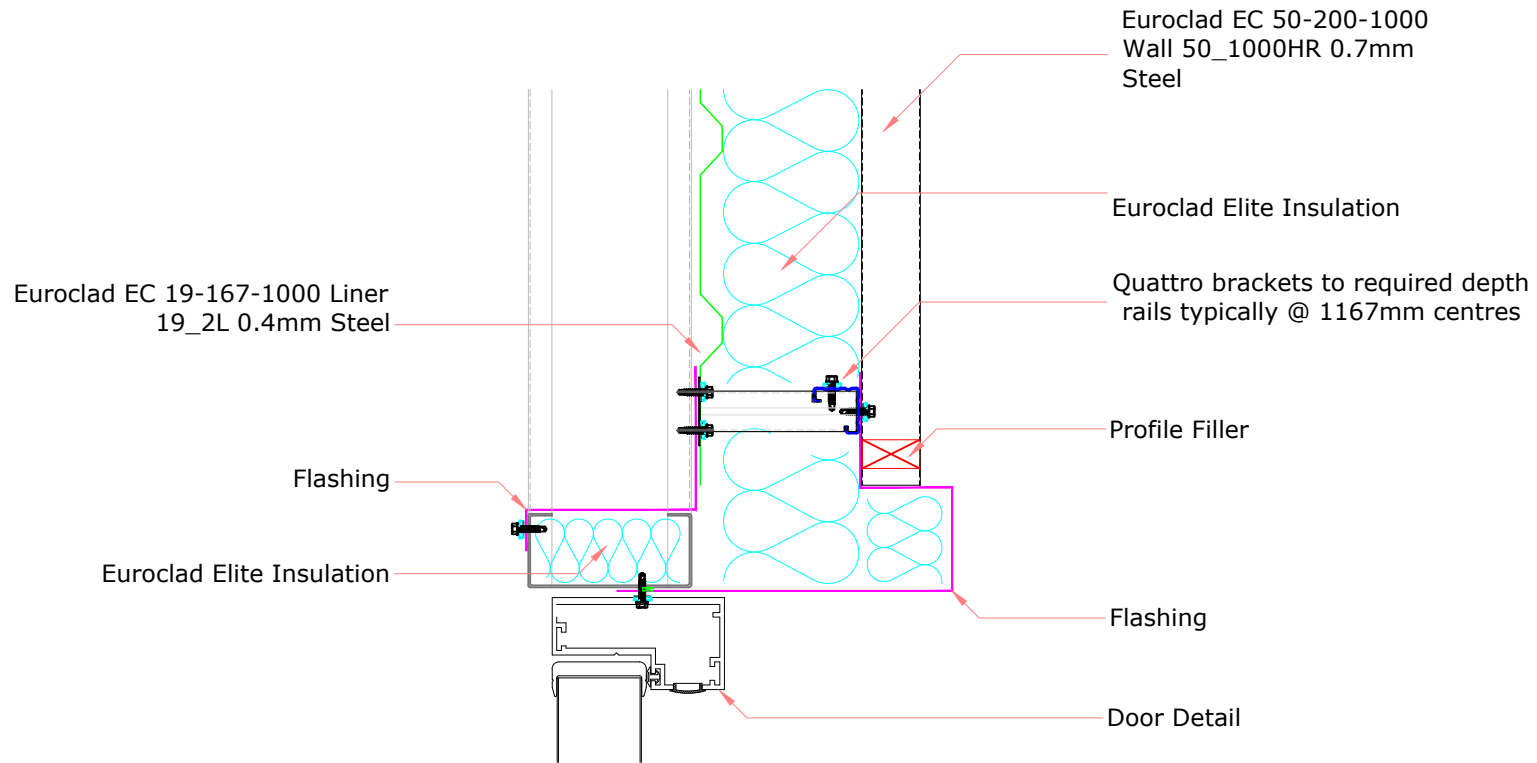
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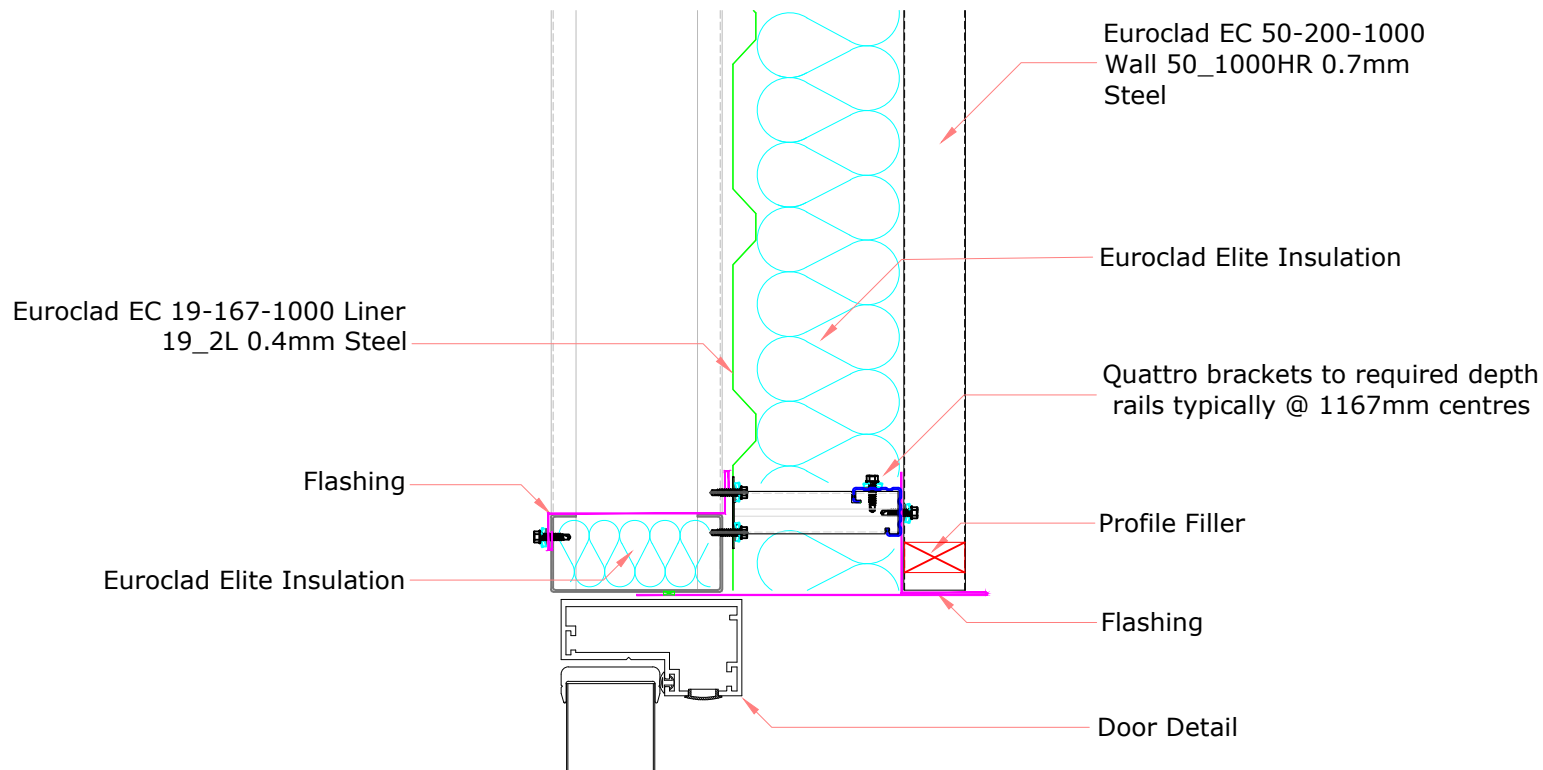
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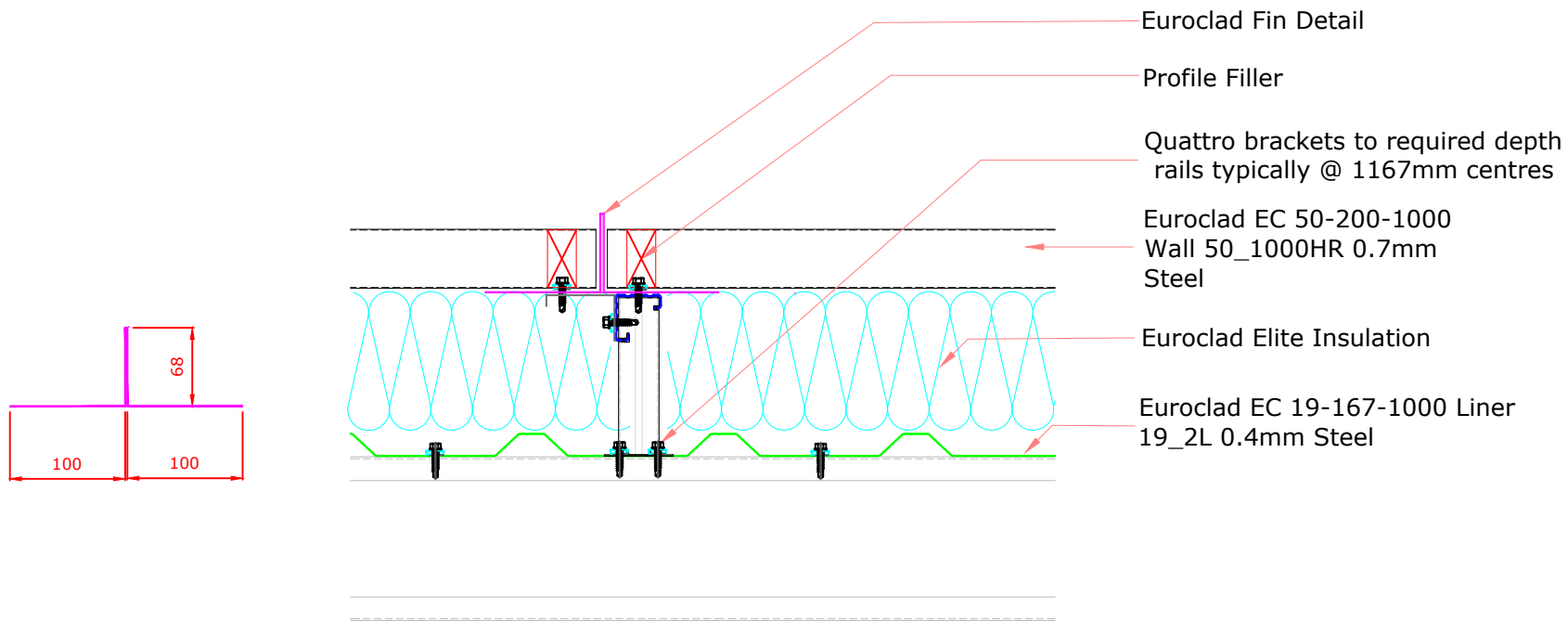
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ALLOW FOR ADJUSTMENT AND TOLERANCE



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