

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.

ELITE SYSTEMS



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TITLE: Elite System 60

DRAWN: MP
CHECK: PCL
DATE: Feb 19
SCALE: NTS

DWG NO: E60

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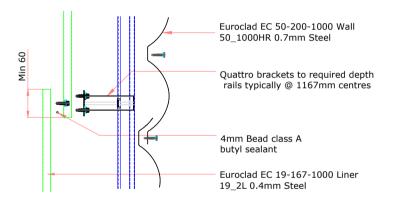
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Fire Resistance performance 120 minutes Integrity, 30 minutes (min) Insulation.

ELITE SYSTEM 60 END LAP DETAIL

Fixings in all troughs at intermediate supports, sheet ends & end laps min. 50mm recommended 100mm (allowing tolerance) Euroclad EC 50-200-1000 Wall 50 1000HR 0.7mm Steel 9 x 3 mm mastic sealant approximately 15mm from sheet end Quattro brackets to required depth rails typically @ 1167mm centres 50mm x 1mm butyl sealing tape Euroclad EC 19-167-1000 Liner 19_2L 0.4mm Steel

ELITE SYSTEM 60 SIDE LAP DETAIL



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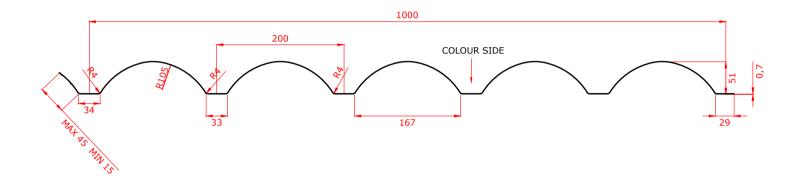
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EUROCLAD EC 50-200-1000 Wall 50_1000HR 0.7mm Steel EXTERNAL SHEET



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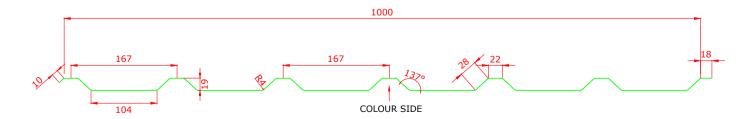
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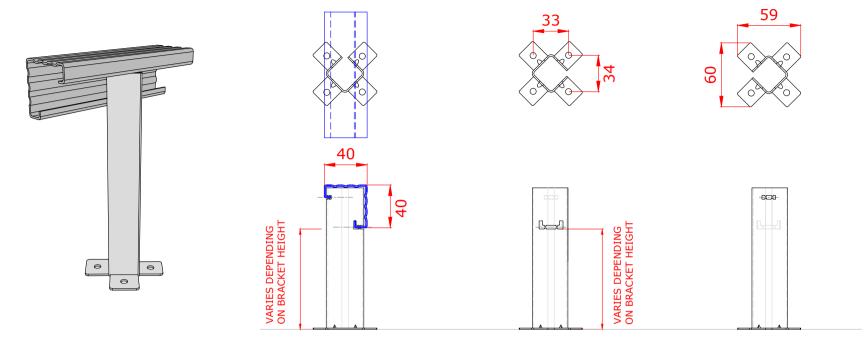
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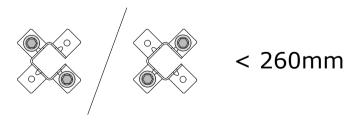


EUROCLAD EC 19-167-1000 Liner 19_2L 0.4mm Steel





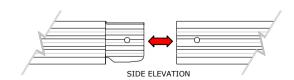
Brackets less than 260mm require 2 fixings diagonally opposite. Brackets 260mm or more require 4 fixings.





≥ 260mm

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



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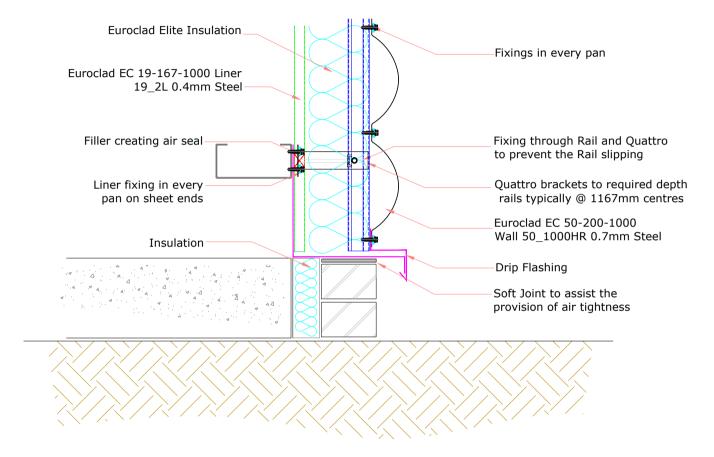
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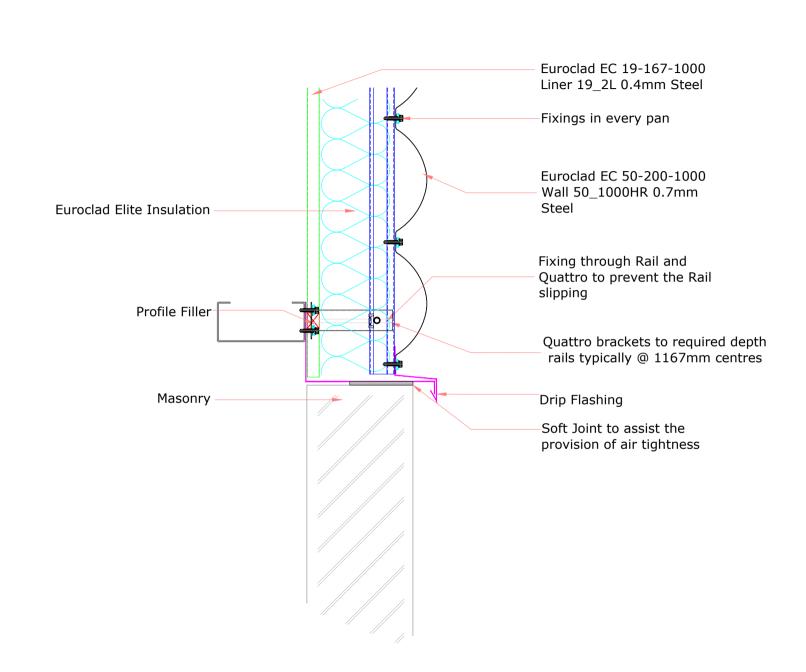
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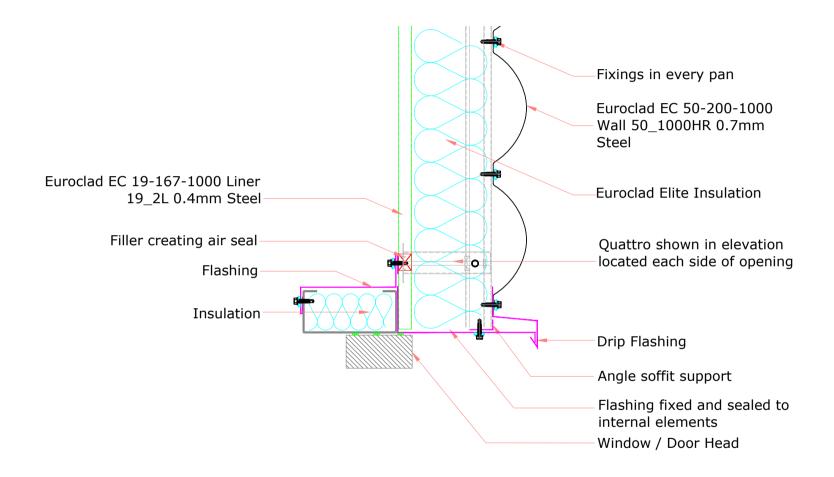
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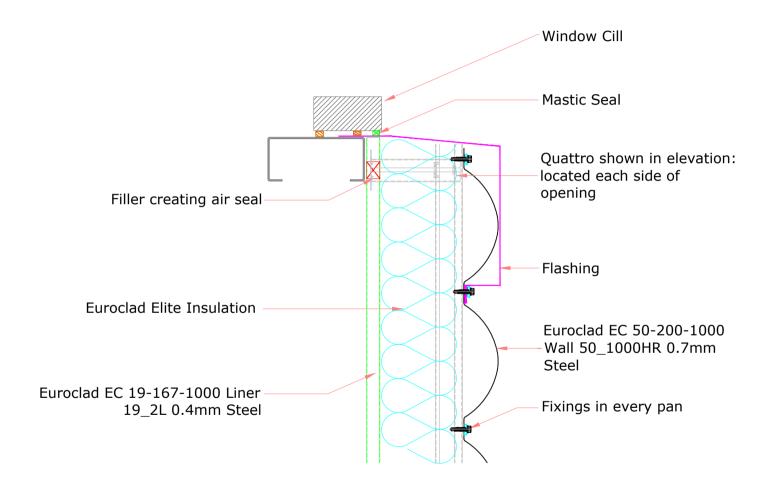
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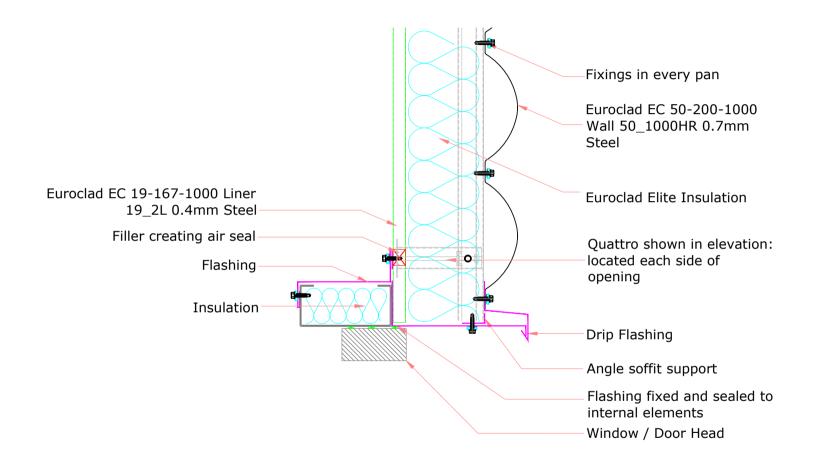
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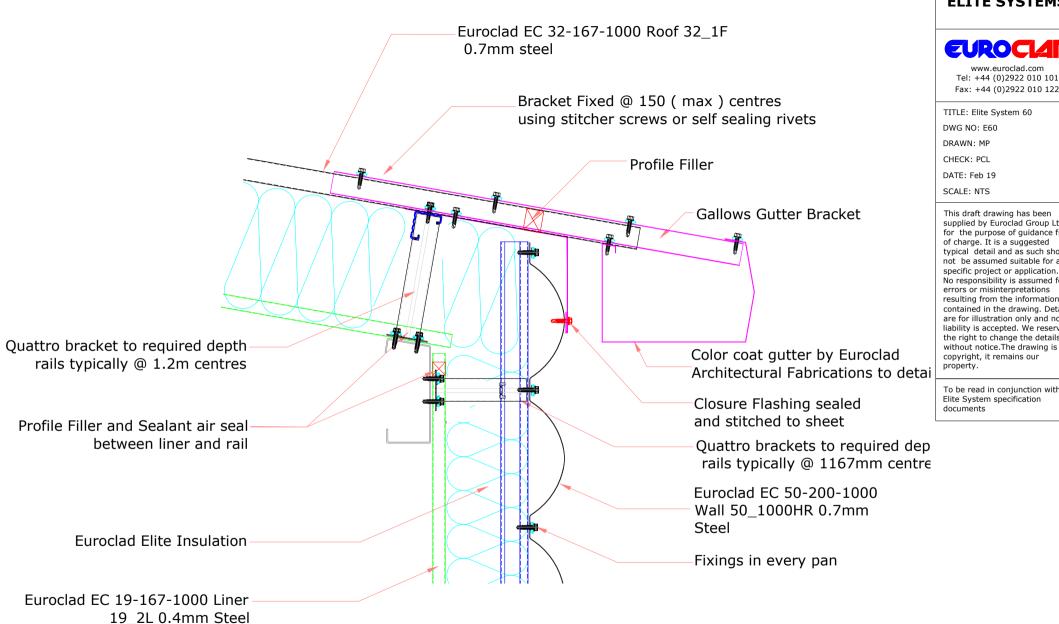
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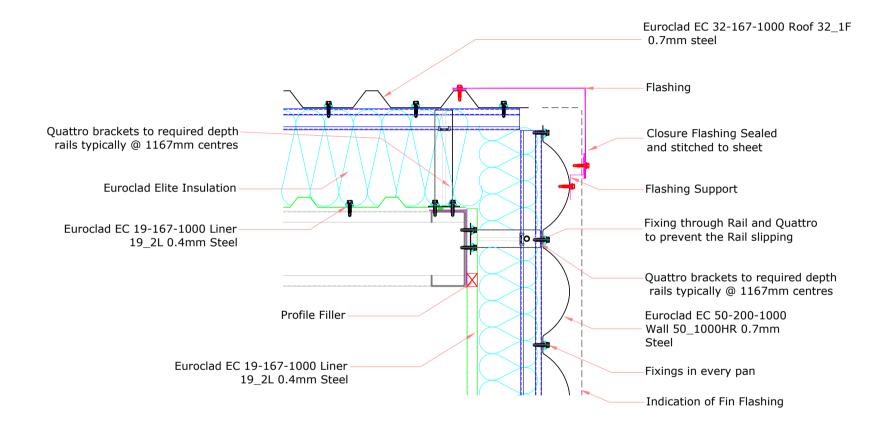
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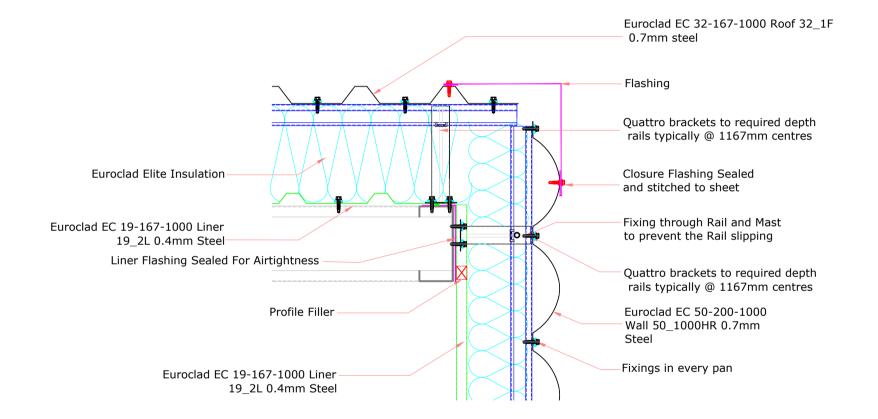
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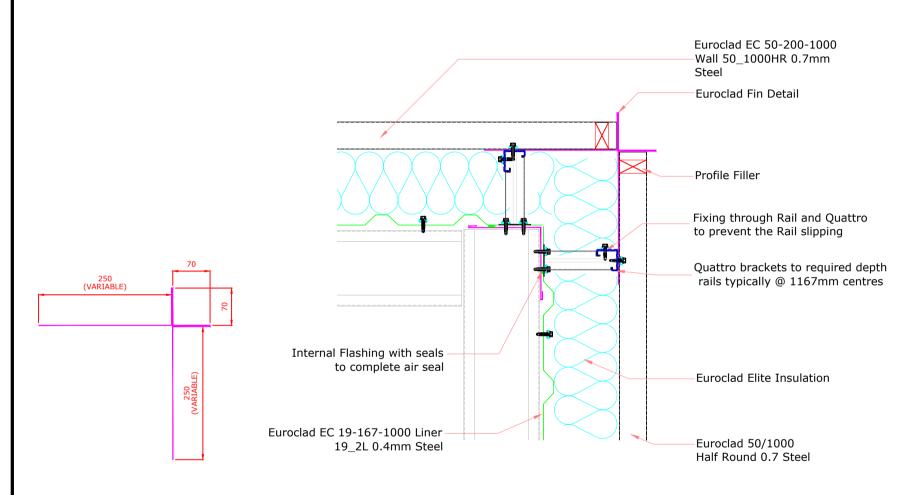
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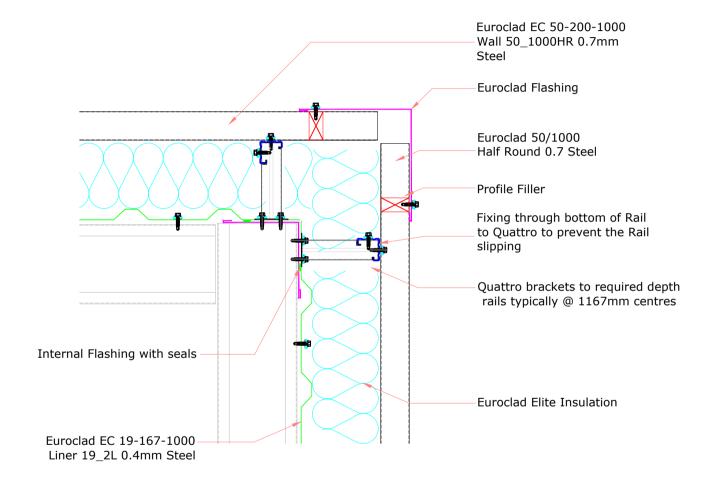
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Euroclad EC 50-200-1000 Wall 50 1000HR 0.7mm Steel Euroclad Box Flashing Profile Filler Fixing through Rail and Quattro 250 (VARIABLE) 72 to prevent the Rail slipping Quattro brackets to required depth rails typically @ 1167mm centres Internal Flashing with seals Euroclad Elite Insulation Euroclad EC 19-167-1000 Liner 19_2L 0.4mm Steel Euroclad EC 50-200-1000 Wall 50_10

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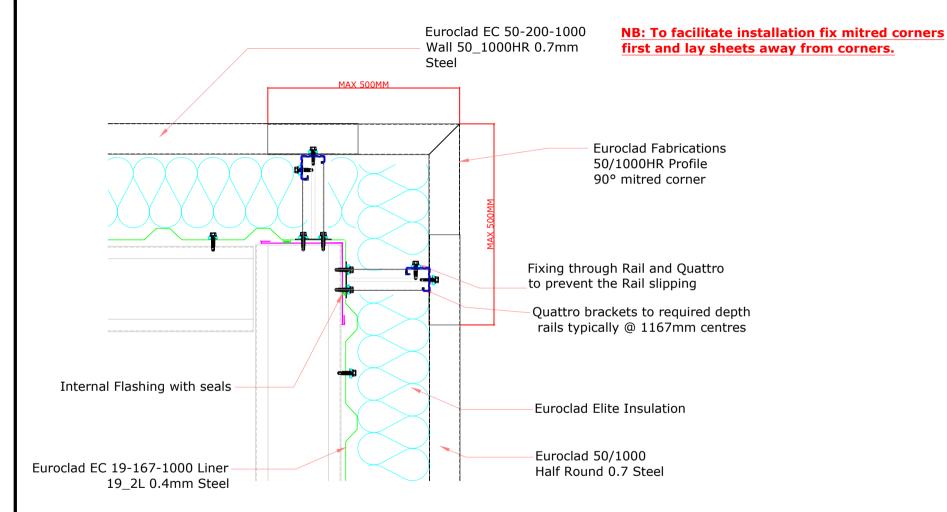
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Euroclad EC 50-200-1000 Wall 50_1000HR 0.7mm Steel Euroclad Elite Insulation Euroclad EC 19-167-1000 Liner 19_2L 0.4mm Steel Flashing and filler fixed and sealed to provide air tightness and vapour control Anti cold bridge insulation Anti cold bridge insulation

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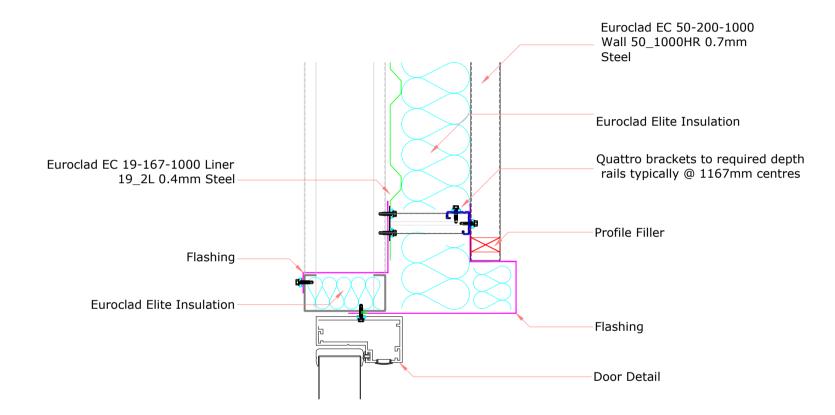
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Euroclad EC 50-200-1000 Wall 50_1000HR 0.7mm Steel Euroclad EC 19-167-1000 Liner 19_2L 0.4mm Steel Quattro brackets to required depth rails typically @ 1167mm centres Flashing Profile Filler Euroclad Elite Insulation Flashing Door Detail

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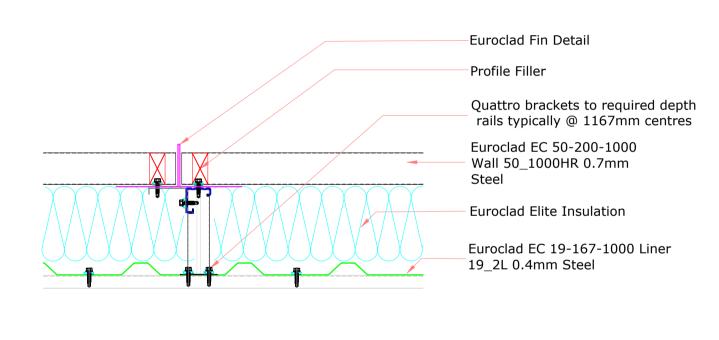
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ALLOW FOR ADJUSTMENT AND TOLERANCE



100

100

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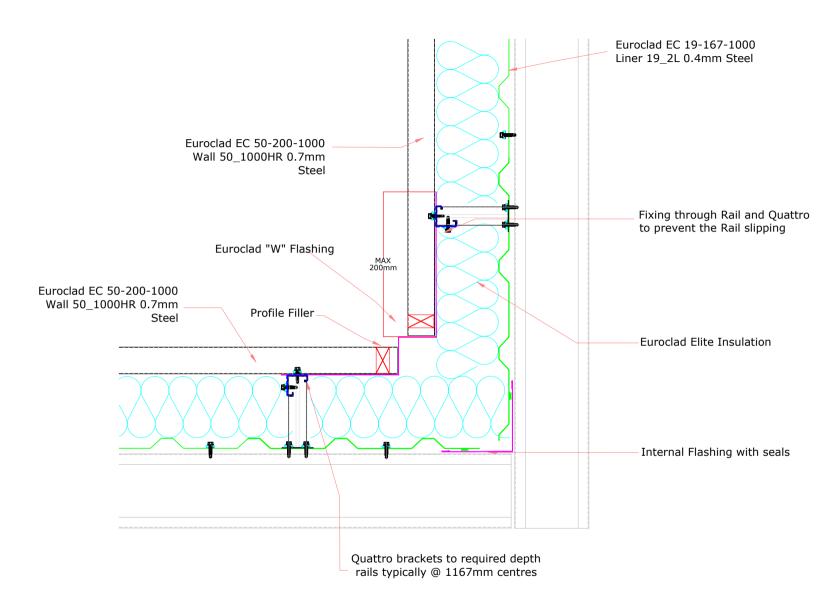
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