

GL (Triple Track) Product Manual

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Coupling Details

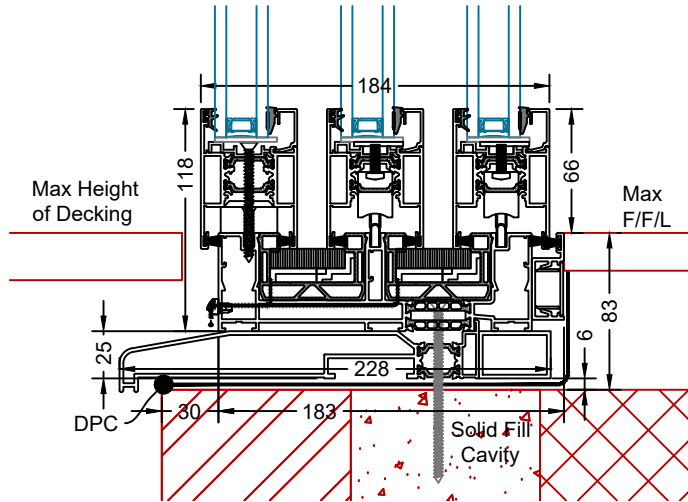
SECTION E:

Statics

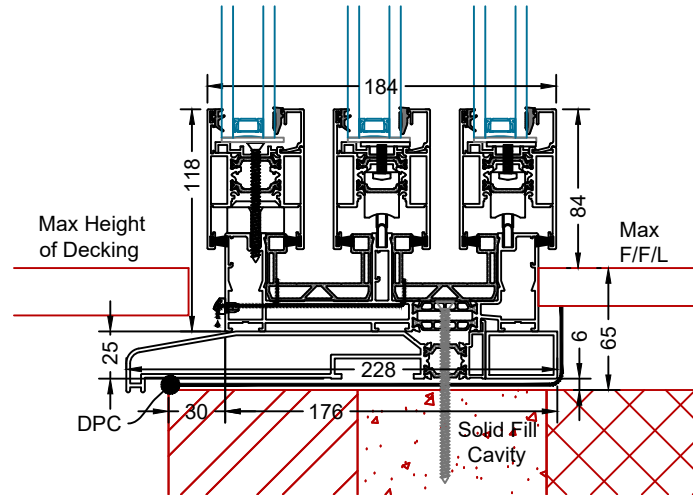
GL30/GL83 (Triple Track)

TYPICAL SECTIONS

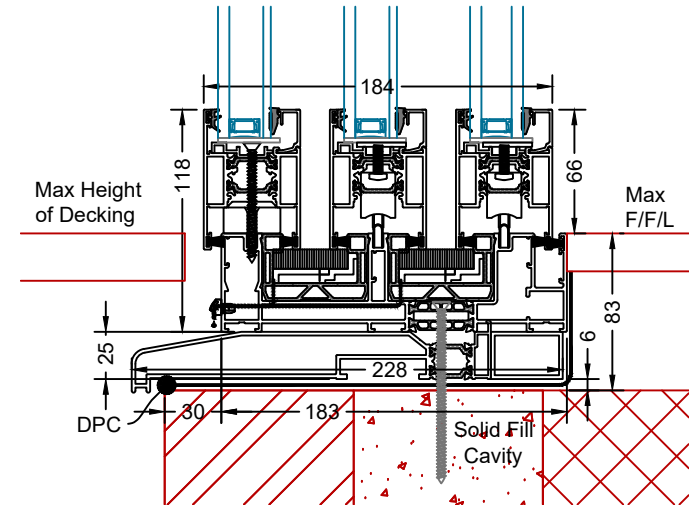
Triple Track 228mm Sill
With Internal
Flush Floor Detail



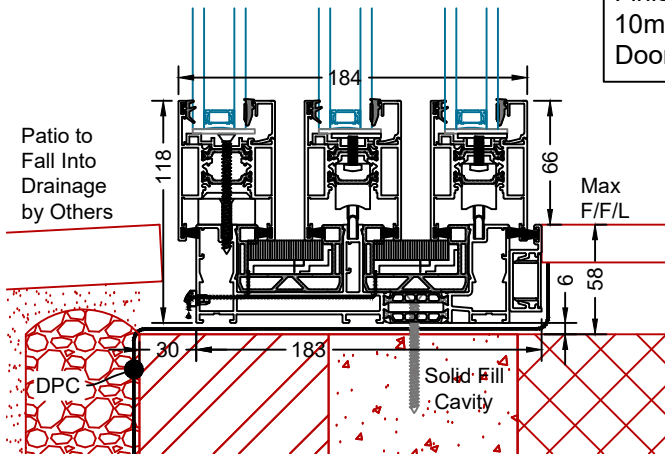
Triple Track 228mm Sill
With Non-Flush
Internal Floor Detail



Triple Track 228mm Sill
With Flush Internal Profile All Round

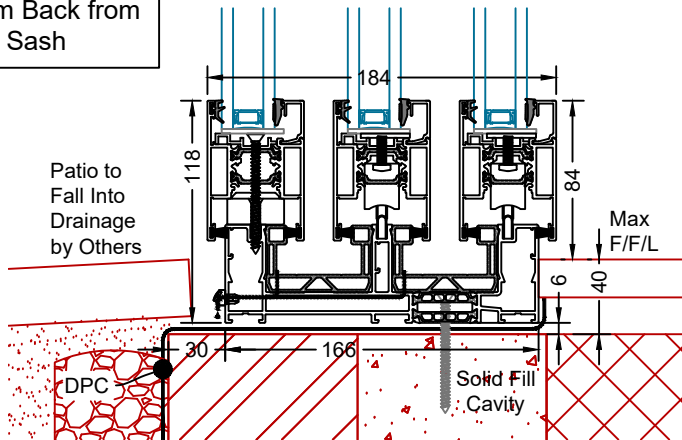


Triple Track
With Internal
Flush Floor Detail

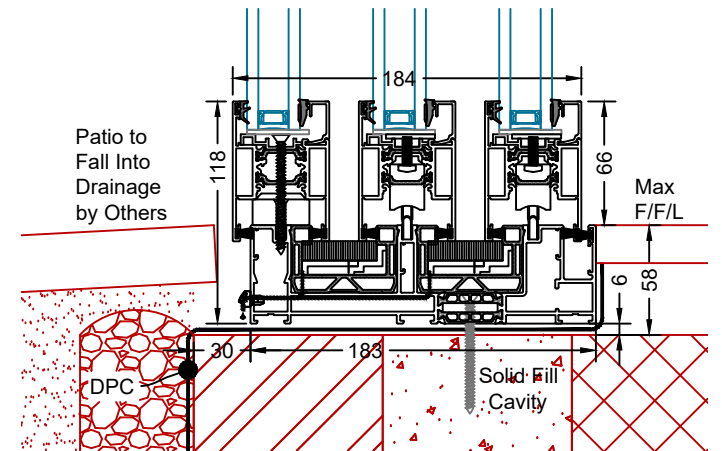


Note: All External
Finishes to be
10mm Back from
Door Sash

Triple Track
With Non-Flush
Internal Floor Detail



Triple Track
With Flush Internal Profile All Round

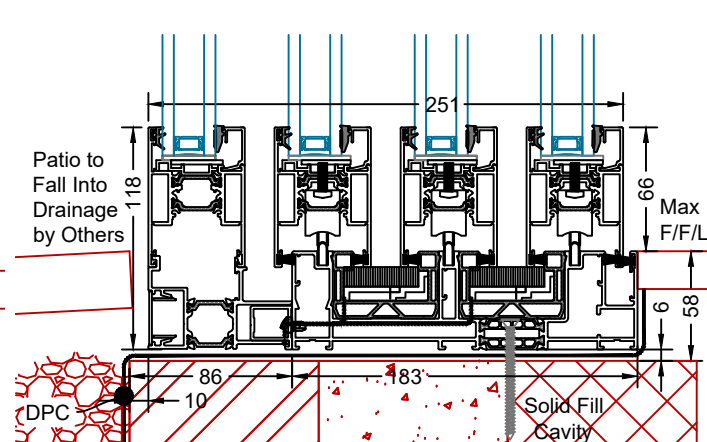
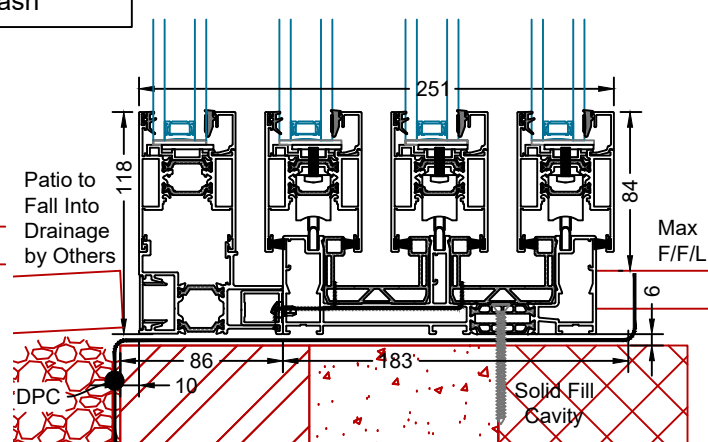
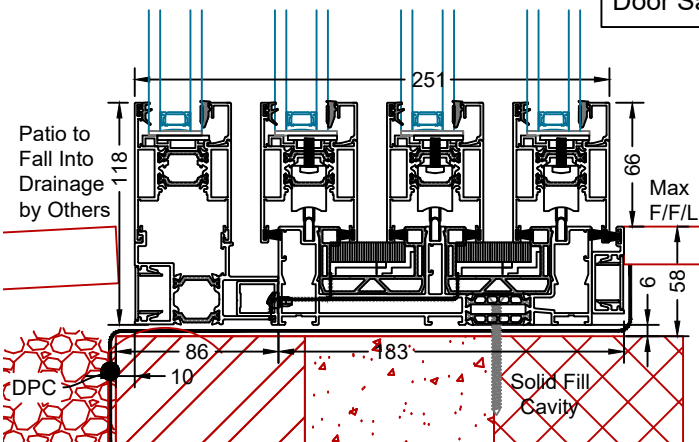


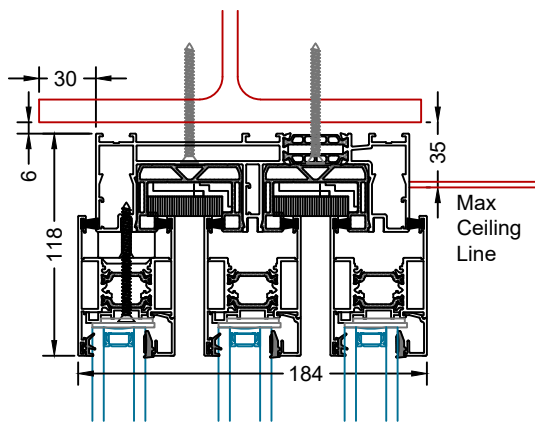
Triple Track with
Plant-on Panel
With Internal
Flush Floor Detail

Note: All External
Finishes to be
10mm Back from
Door Sash

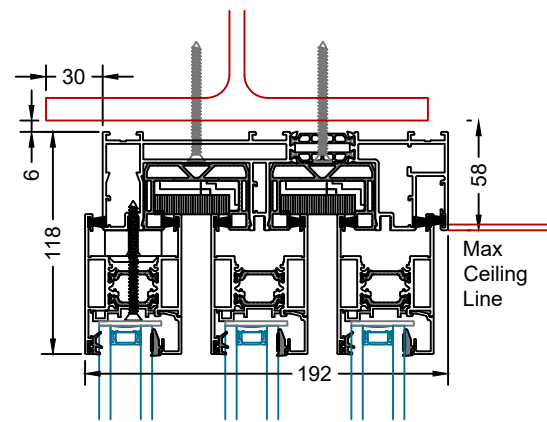
Triple Track with
Plant-on Panel
With Non-Flush
Internal Floor Detail

Triple Track with
Plant-on Panel
With Flush Internal Profile
All Round

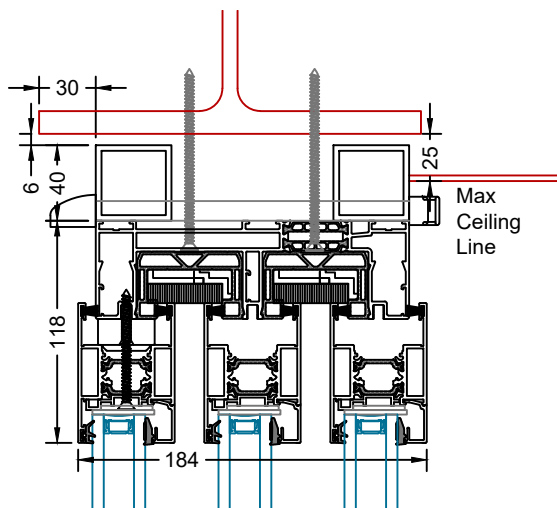




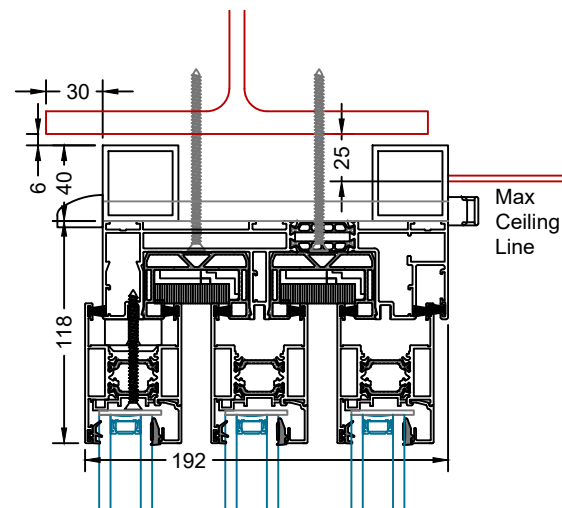
Triple Track



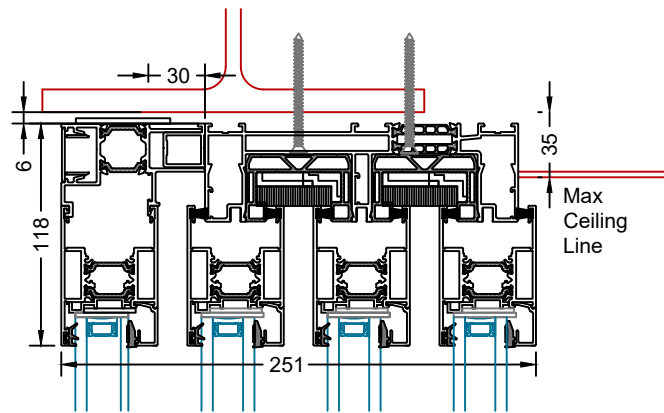
Triple Track
With Flush Internal Profile All Round



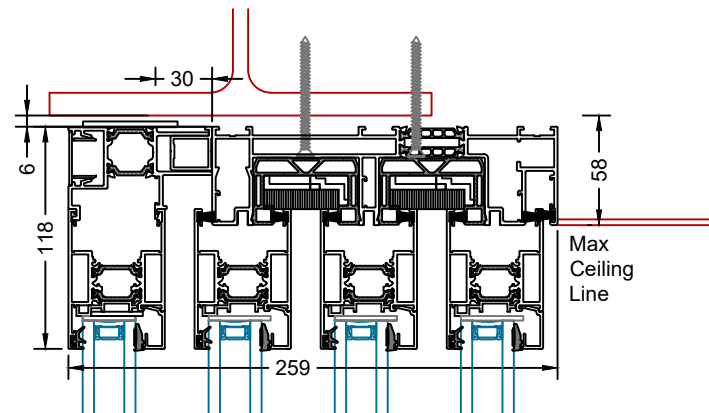
Triple Track
With Trickle Vent



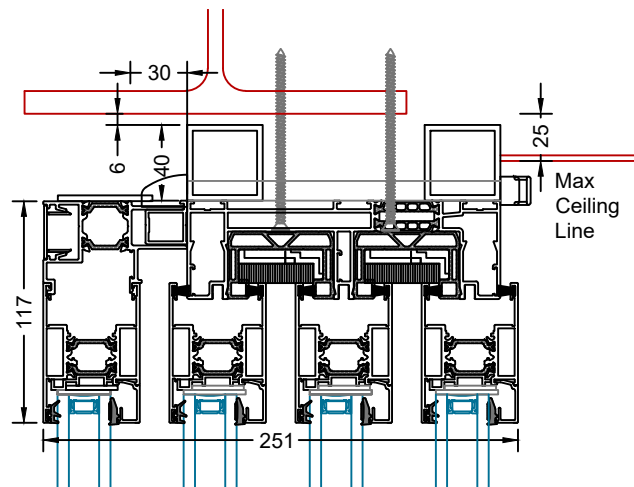
Triple Track
With Flush Internal Profile All Round
And Trickle Vent



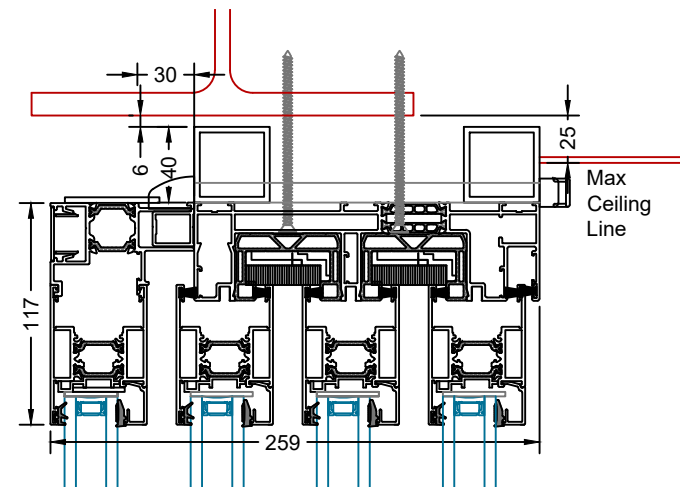
Triple Track with
Plant-on Panel



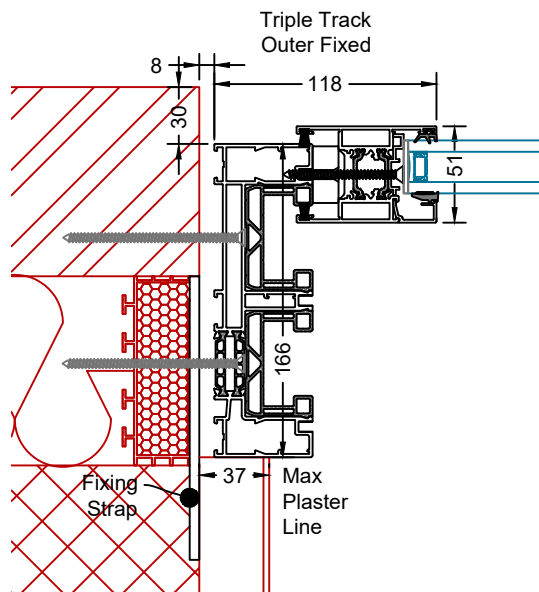
Triple Track And
Plant-on Panel
With Flush Internal Profile All Round



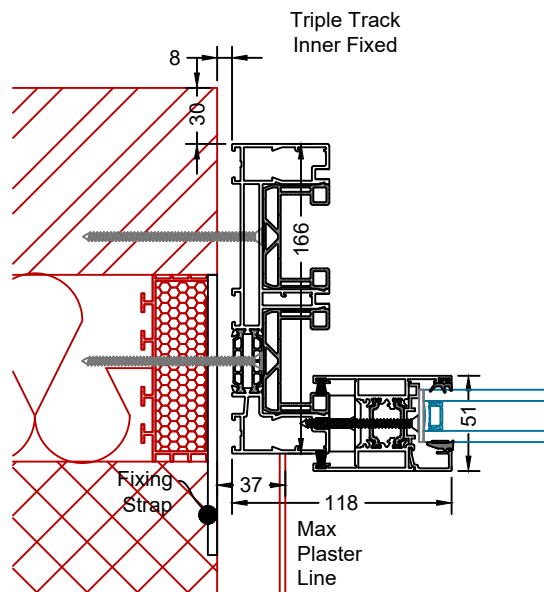
Triple Track And Plant-on Panel
With Trickle Vent



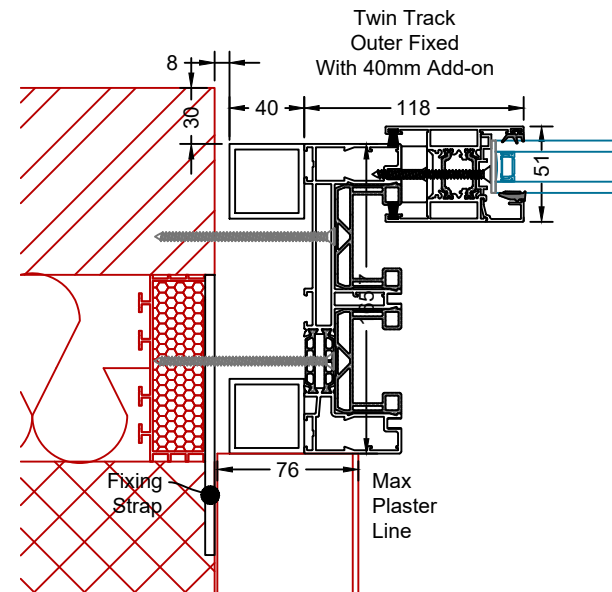
Triple Track And
Plant-on Panel
With Flush Internal Profile All Round
And Trickle Vent



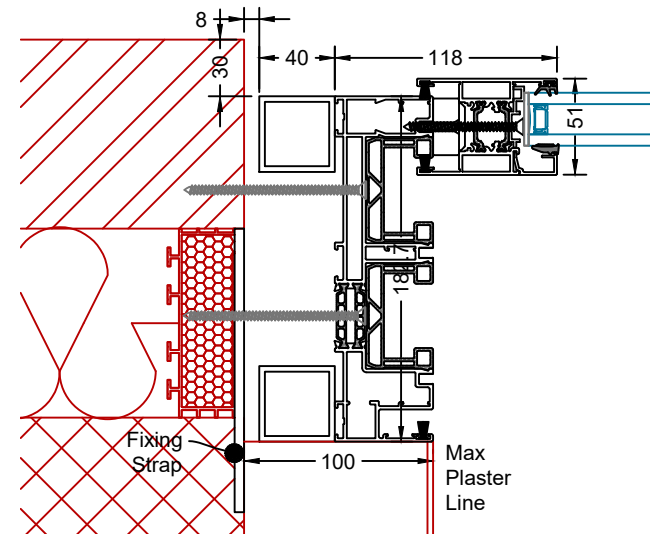
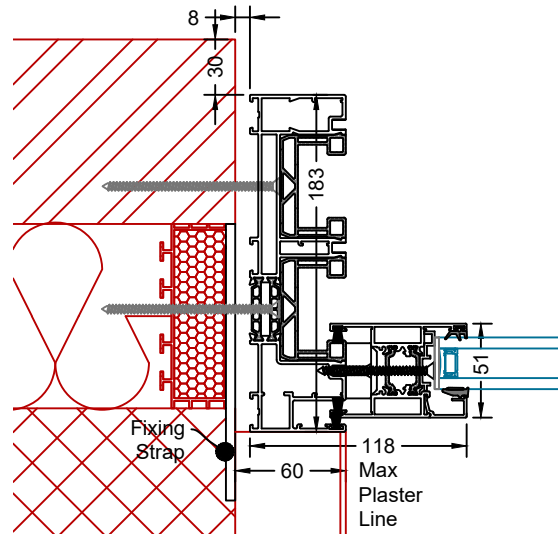
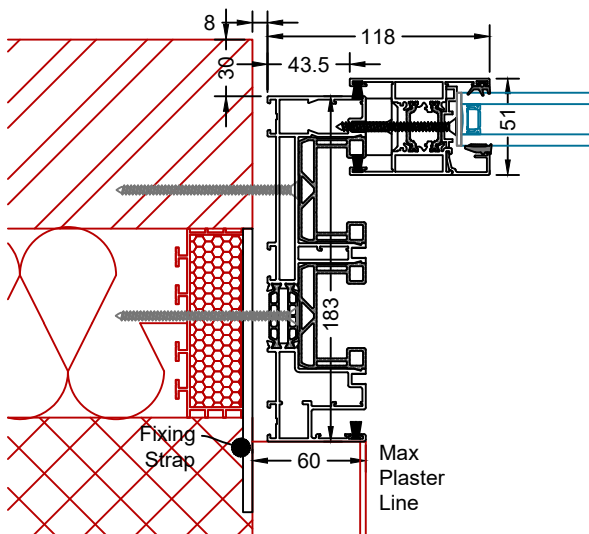
Triple Track
With Flush Internal Profile All Round
Outer Fixed

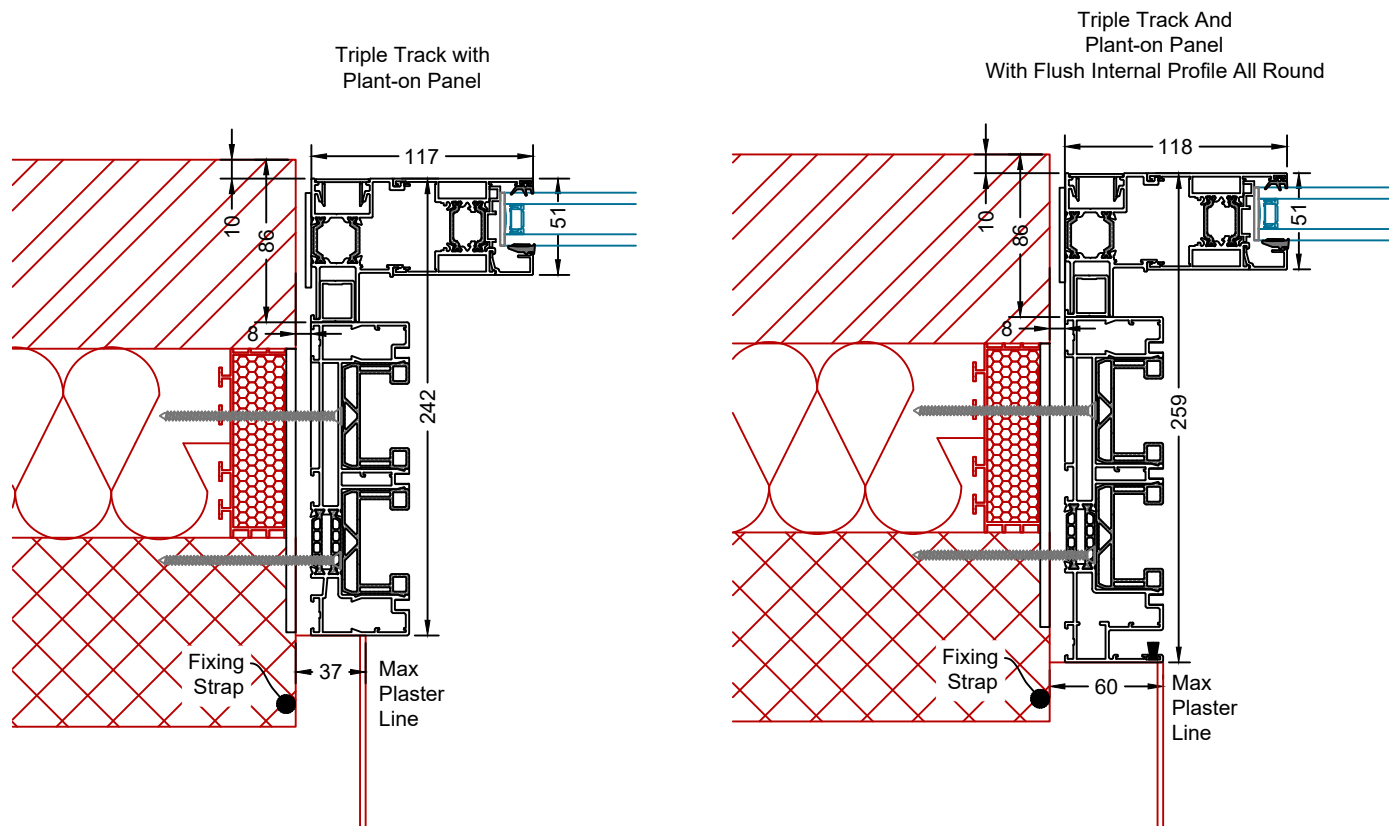


Triple Track
With Flush Internal Profile All Round
Inner Fixed

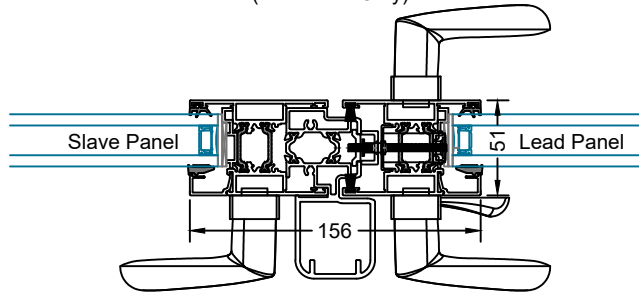


Twin Track
With Flush Internal Profile All Round
Outer Fixed With 40mm Add-on



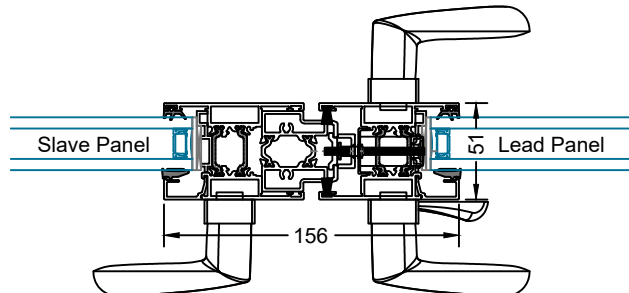


Triple Track
Centre Meeting
Closing Rebate
Reinforcement Profile
(‘D’ Handle Only)

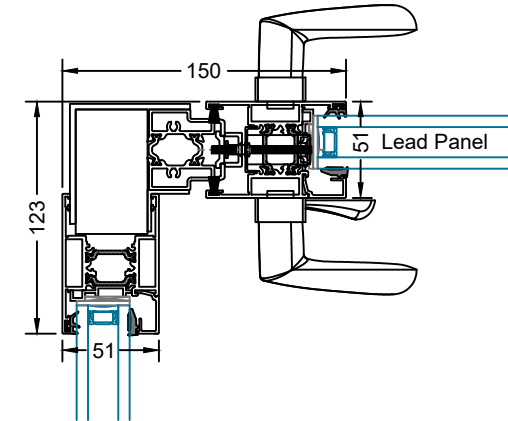


May Be Required In Exposed Locations

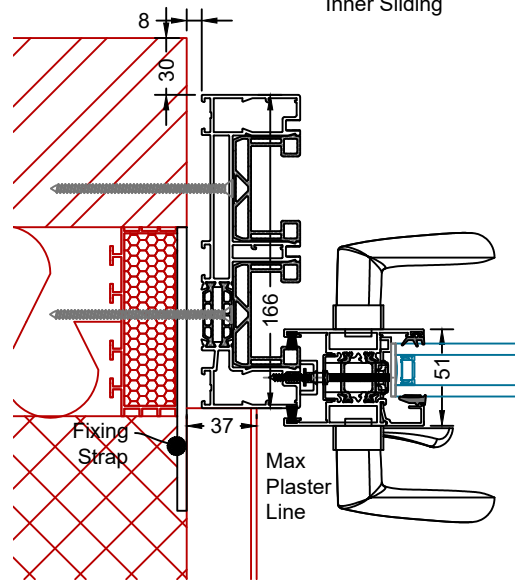
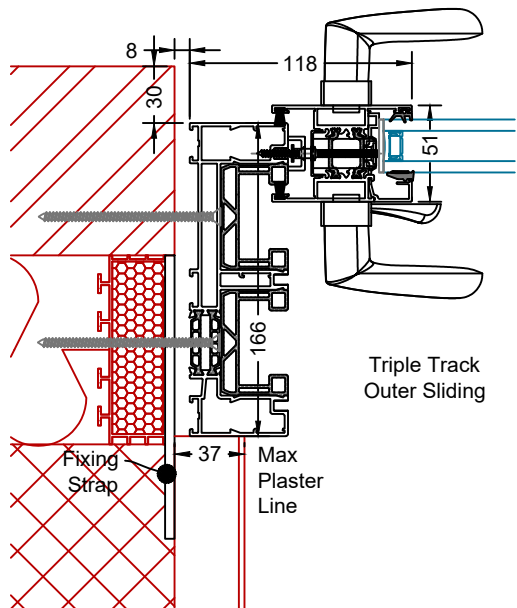
Centre Meeting
Closing Rebate



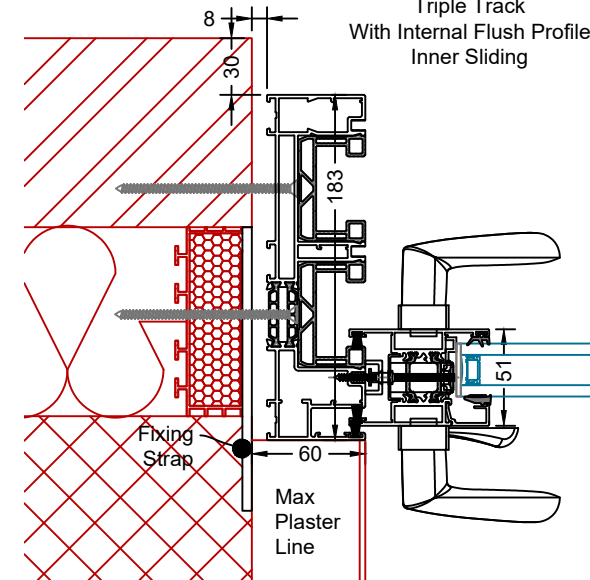
Centre Meeting
Closing Rebate 90°



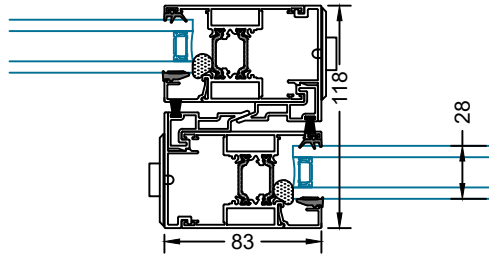
Triple Track
Inner Sliding



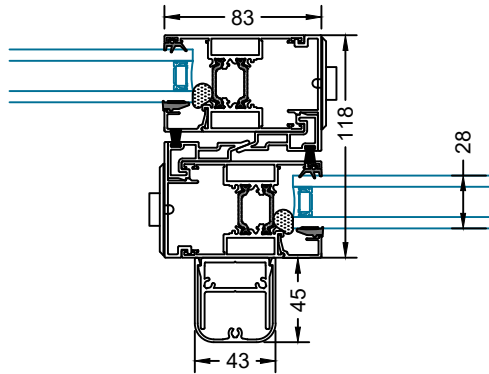
Triple Track
With Internal Flush Profile
Inner Sliding



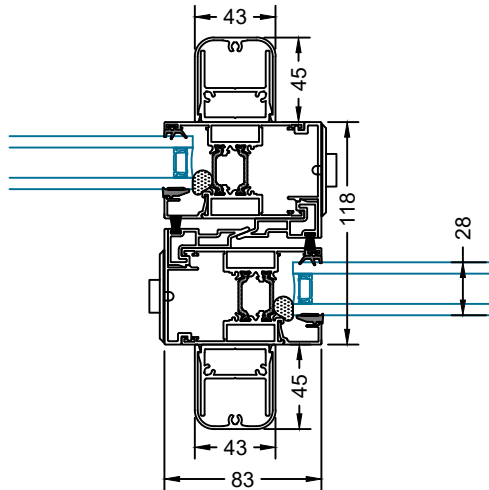
For Profile Limitations,
See Section E



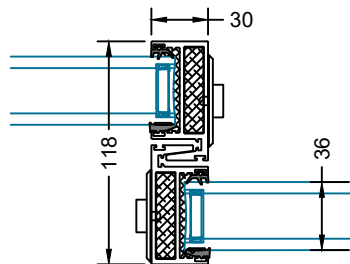
Standard Mullion



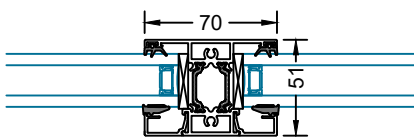
Standard Mullion
with Internal Reinforcement



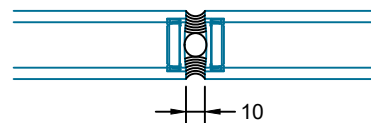
Standard Mullion
with Internal and External
Reinforcement



SVG30 Mullion

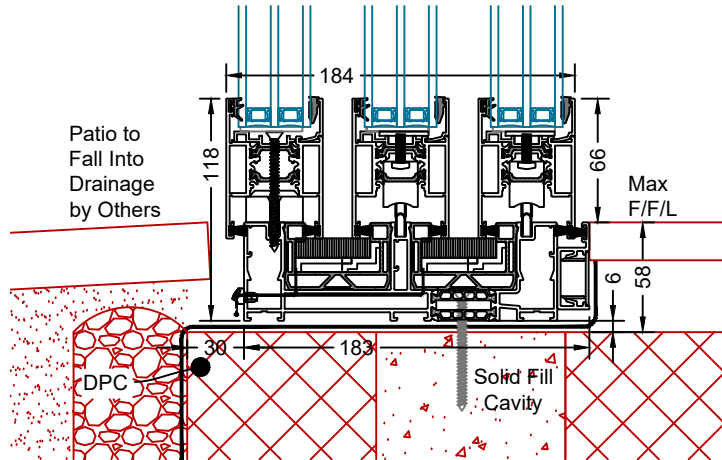


Door Sash
Mullion / Transom
(NOT Available On SVG30 Option)

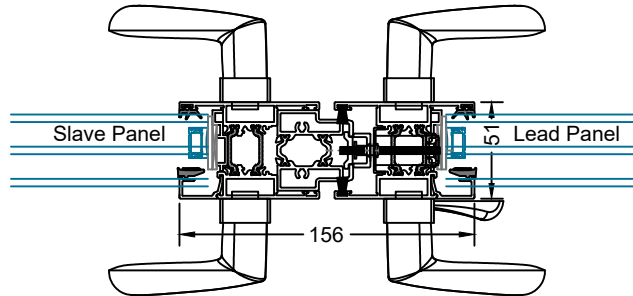


In-Line Glass to Glass Joint

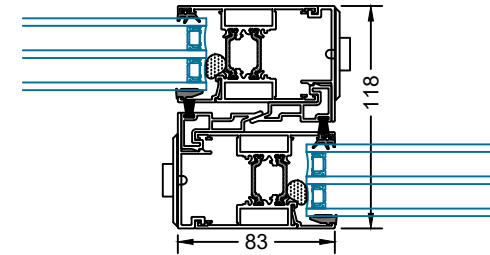
Triple Track
With Internal
Flush Floor Detail



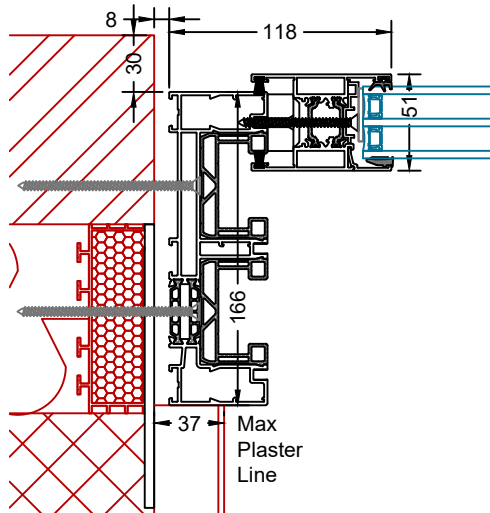
Centre Meeting
Closing Rebate



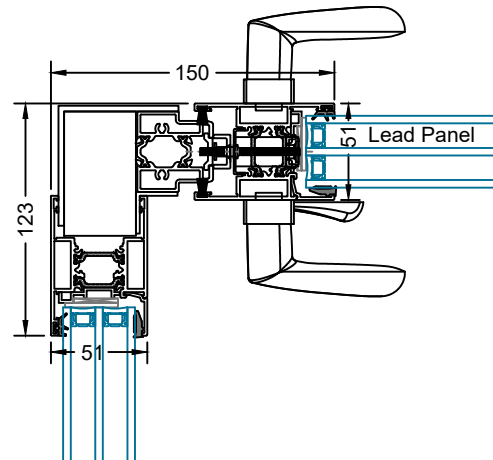
Standard Mullion
Triple Glazed



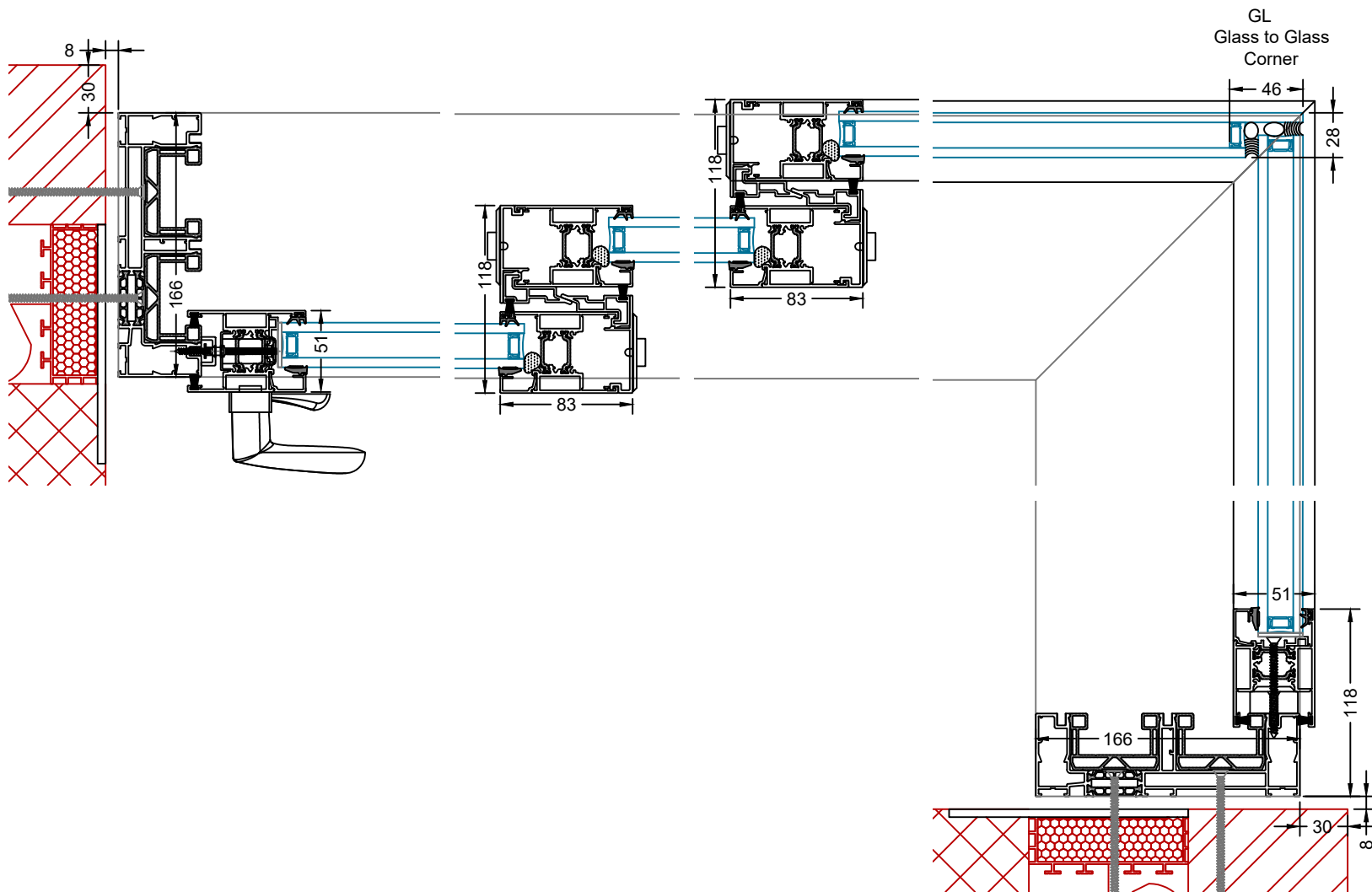
Triple Track
Outer Fixed



Sliding Corner Post
(inside Track Only)



Note: All Previous
Details are Available
in 38mm Triple Glazed



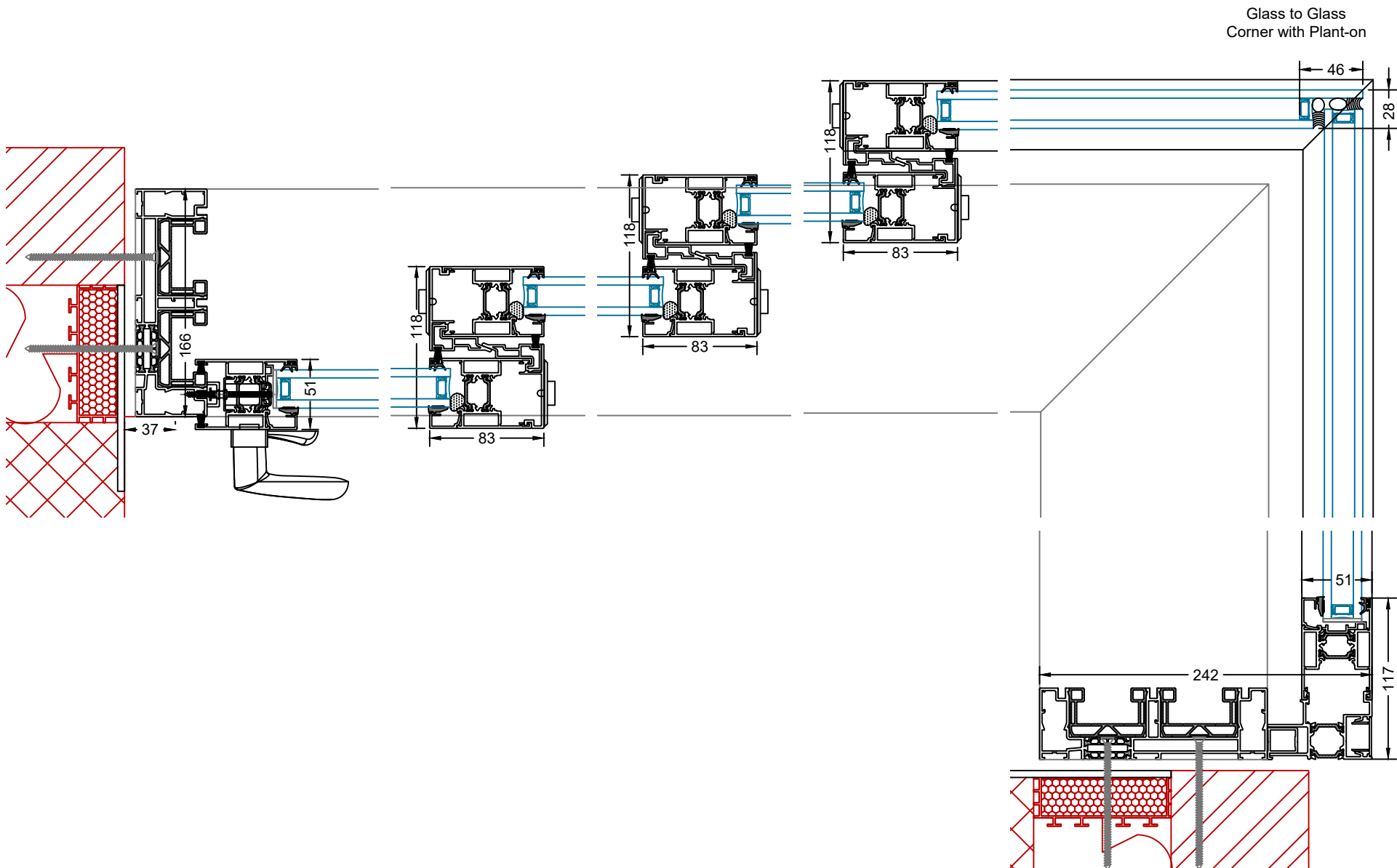
Description: GL30/GL83 Triple Track Fixed Frameless Corner Detail

System: GL30/GL83

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Description: GL30/GL83 Triple Track & Plant-on Fixed Frameless Corner Detail

System: GL30/GL83

Rev.

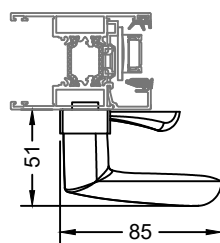
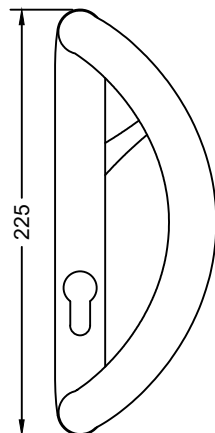
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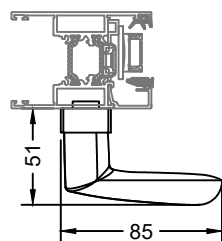
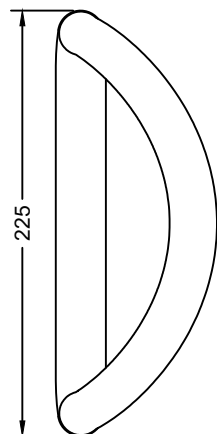
GL30/GL83 (Triple Track)

HARDWARE OPTIONS

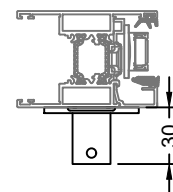
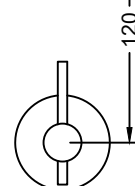
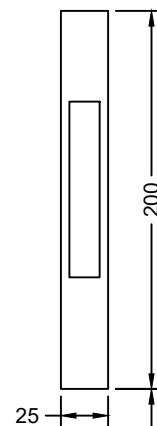
'D' Shaped Handle
Lead Panel



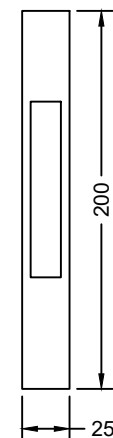
'D' Shaped Handle
Slave Panel



Recessed Handle
Lead Panel

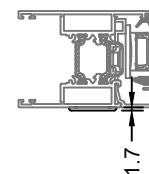


Recessed Handle
Slave Panel

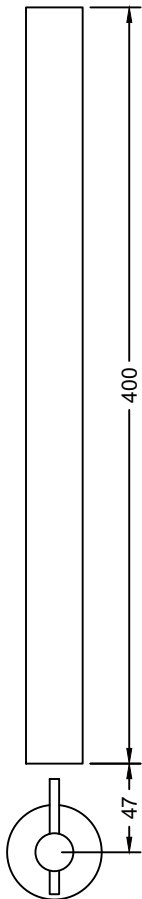


Snib Turn
(stainless Steel Finish Only)

Escutcheon
(stainless Steel Finish Only)



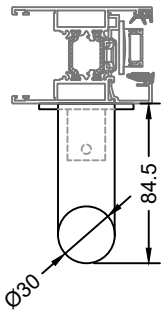
Straight Handle
Lead Panel



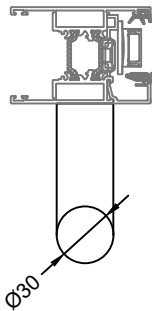
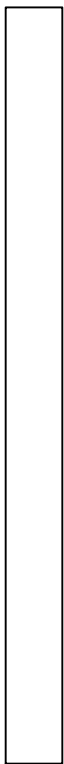
Snib Turn
(stainless Steel Finish Only)



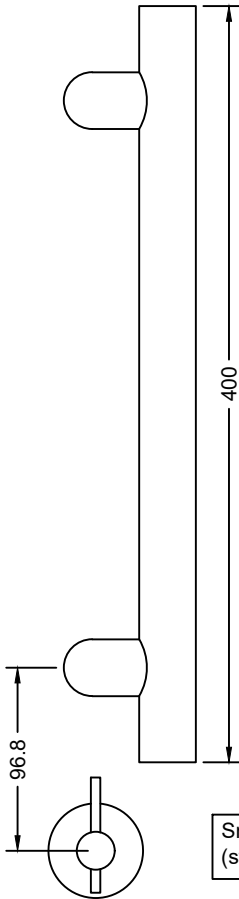
Escutcheon
(stainless Steel Finish Only)



Straight Handle
Slave Panel



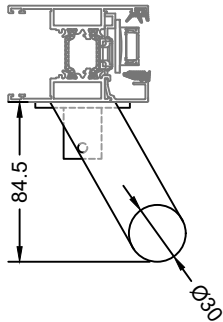
Cranked Handle
Lead Panel



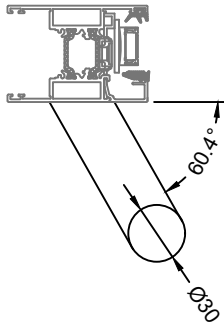
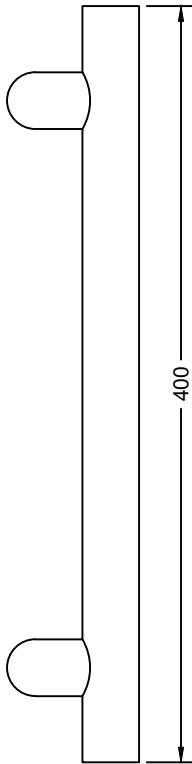
Snib Turn
(stainless Steel Finish Only)



Escutcheon
(stainless Steel Finish Only)



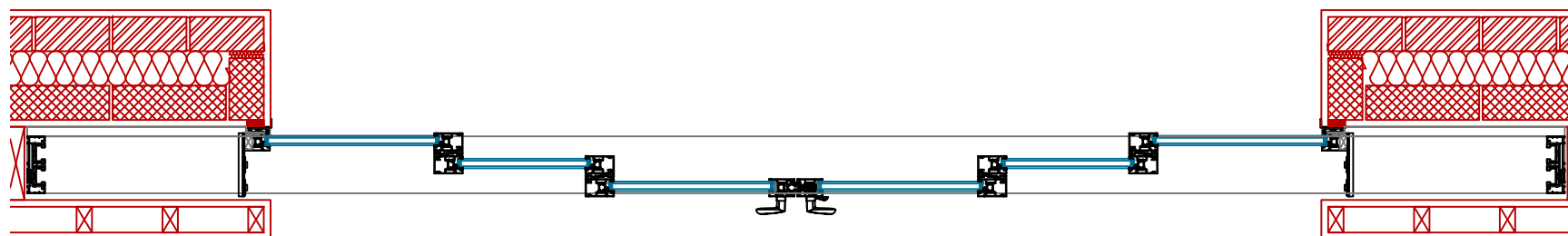
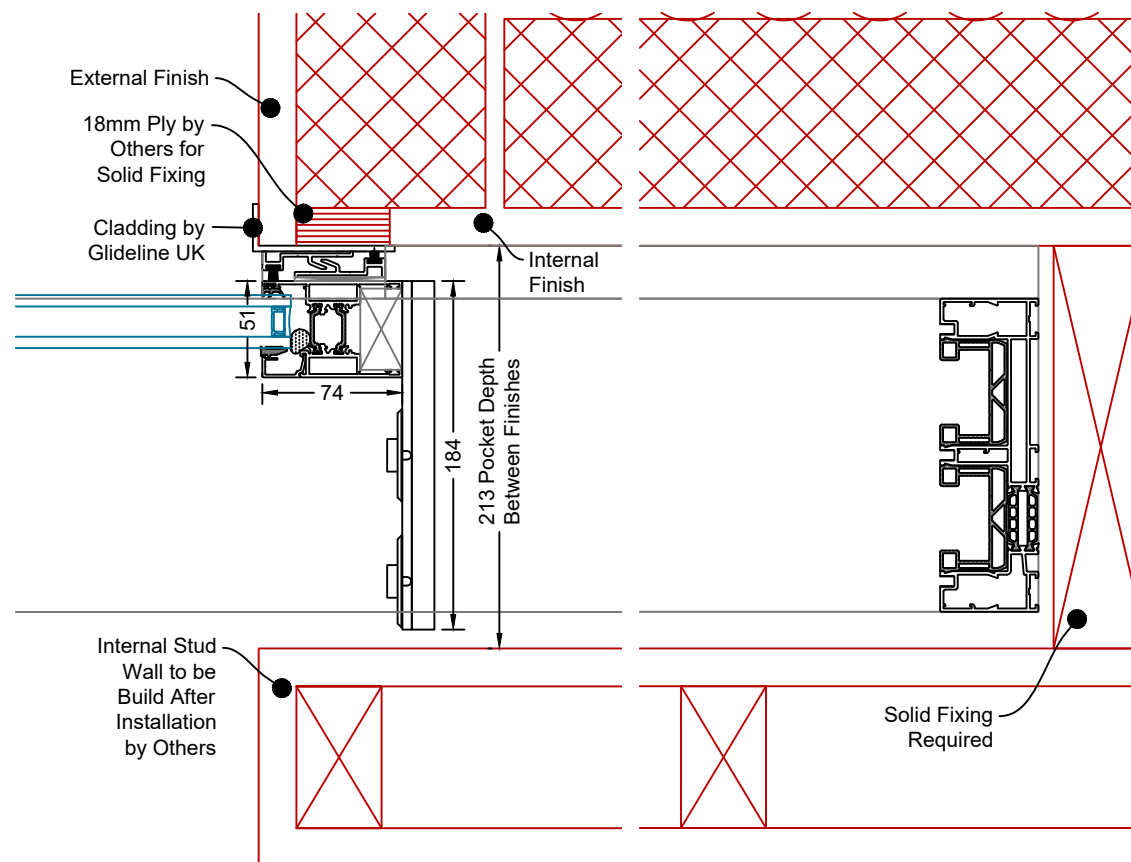
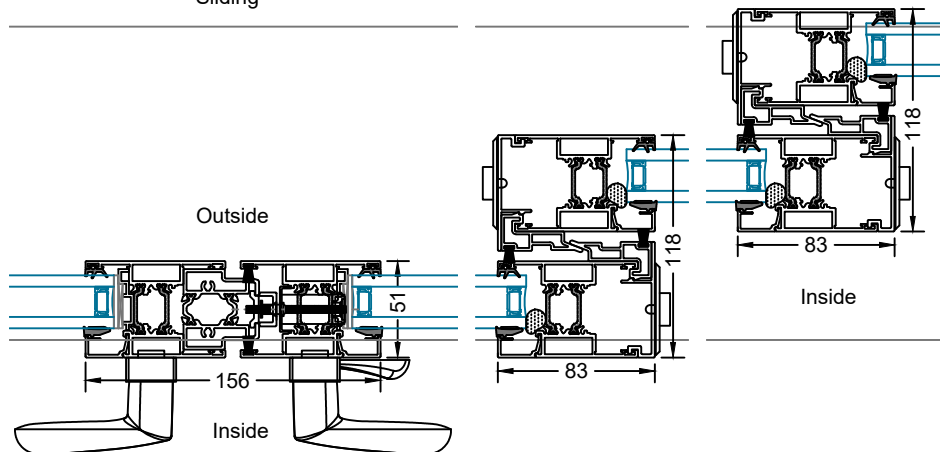
Cranked Handle
Slave Panel



GL30/GL83 (Triple Track)

POCKET SLIDER TYPICAL SECTIONS

GL
Triple Track
6 Panel
Sliding



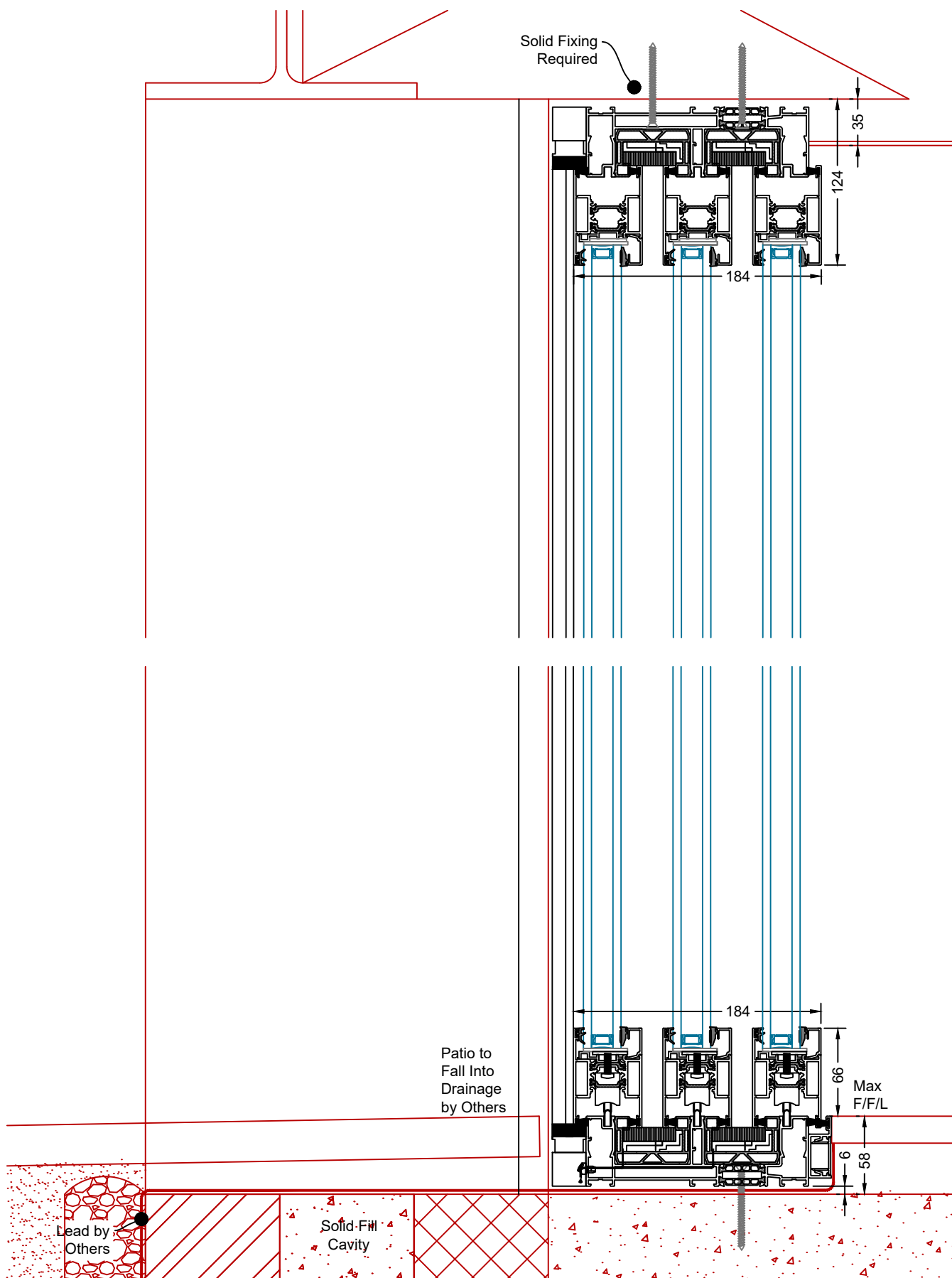
Description: GL30/GL83 Triple Track Six Panel Pocket Slider Typical Detail

System: GL30/GL83

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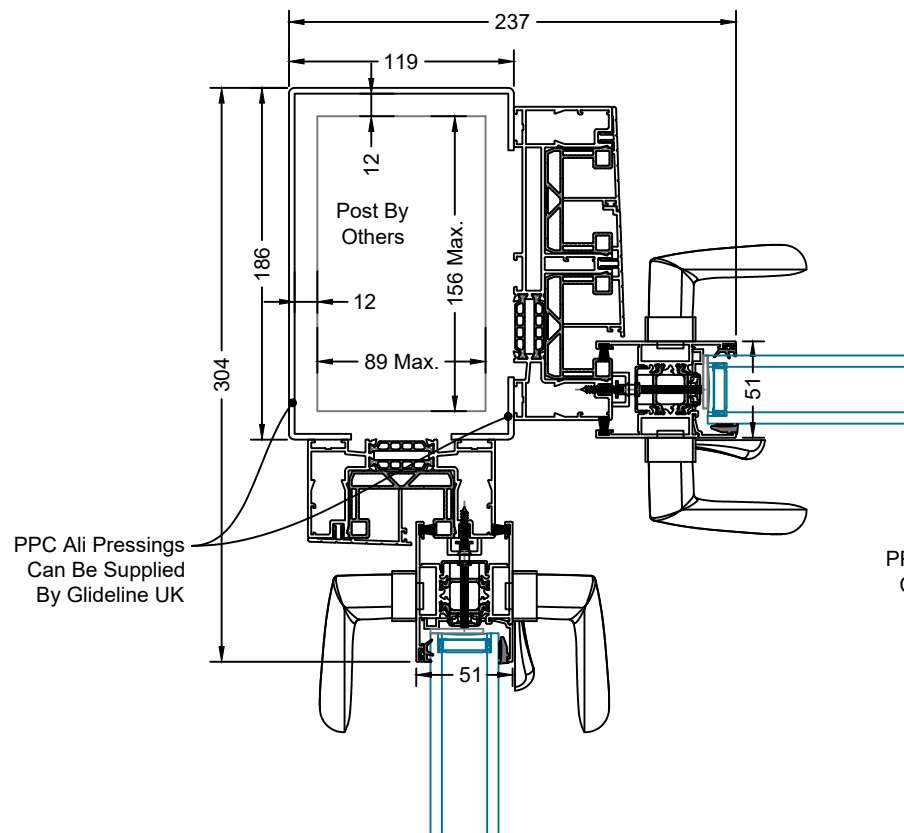
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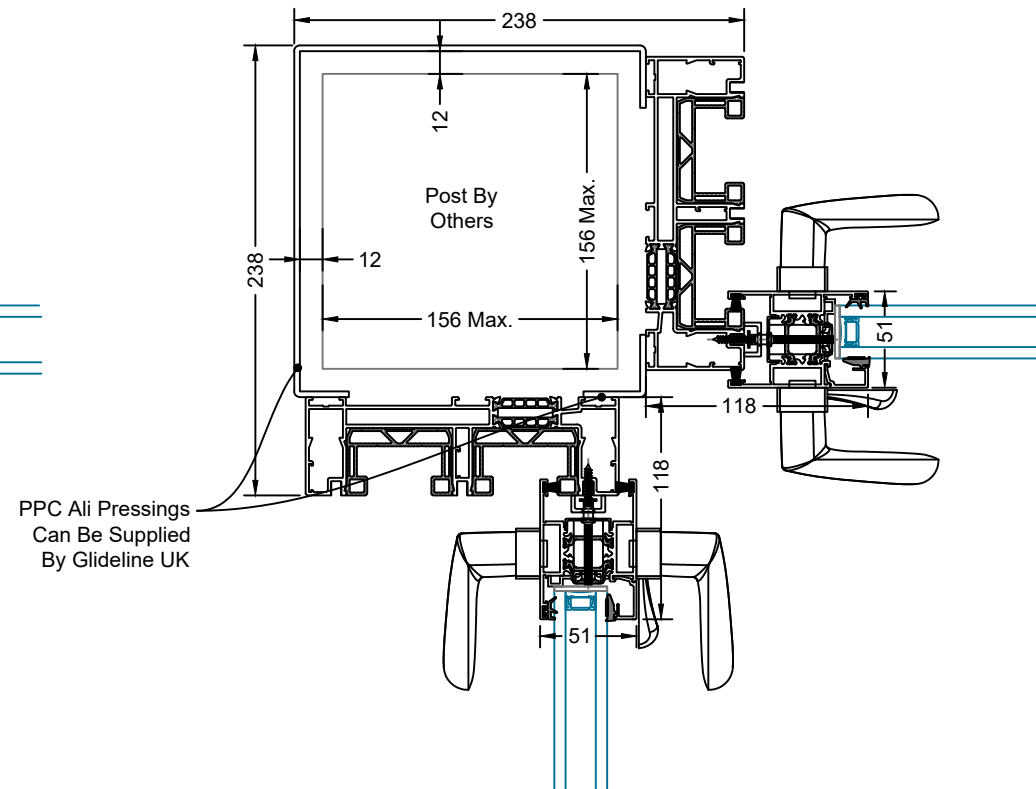
GL30/GL83 (Triple Track)

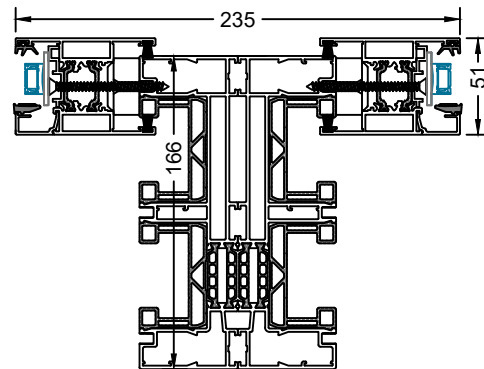
COUPLING DETAILS

Twin Track
And Triple Track
Fixed Corner Post

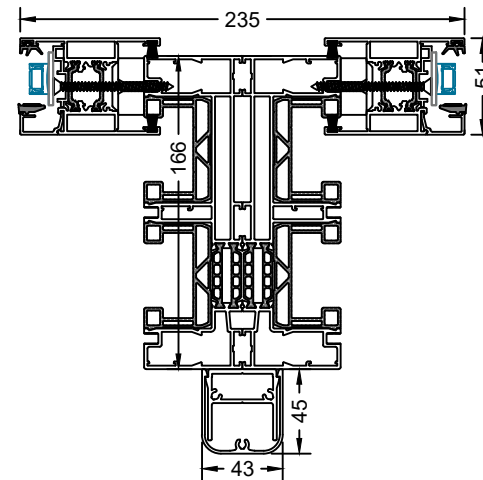


Triple Track
Fixed Corner Post

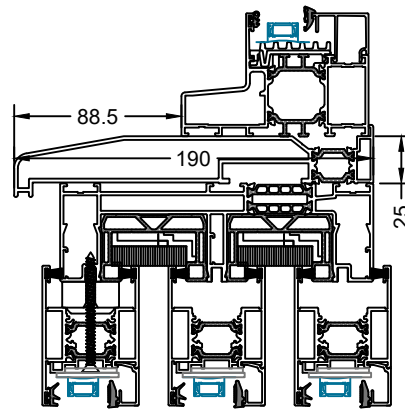




Slider/Slider



Slider/Slider
Heavy Duty

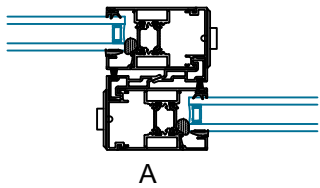
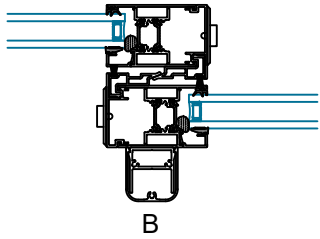
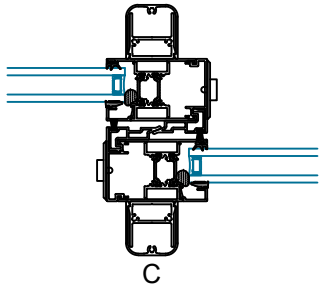


For Profile Limitations,
See Section E

Description: GL30/GL83 Triple Track Horizontal Coupling Options	System: GL30/GL83	Rev.
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GL30/GL83 (Triple Track)

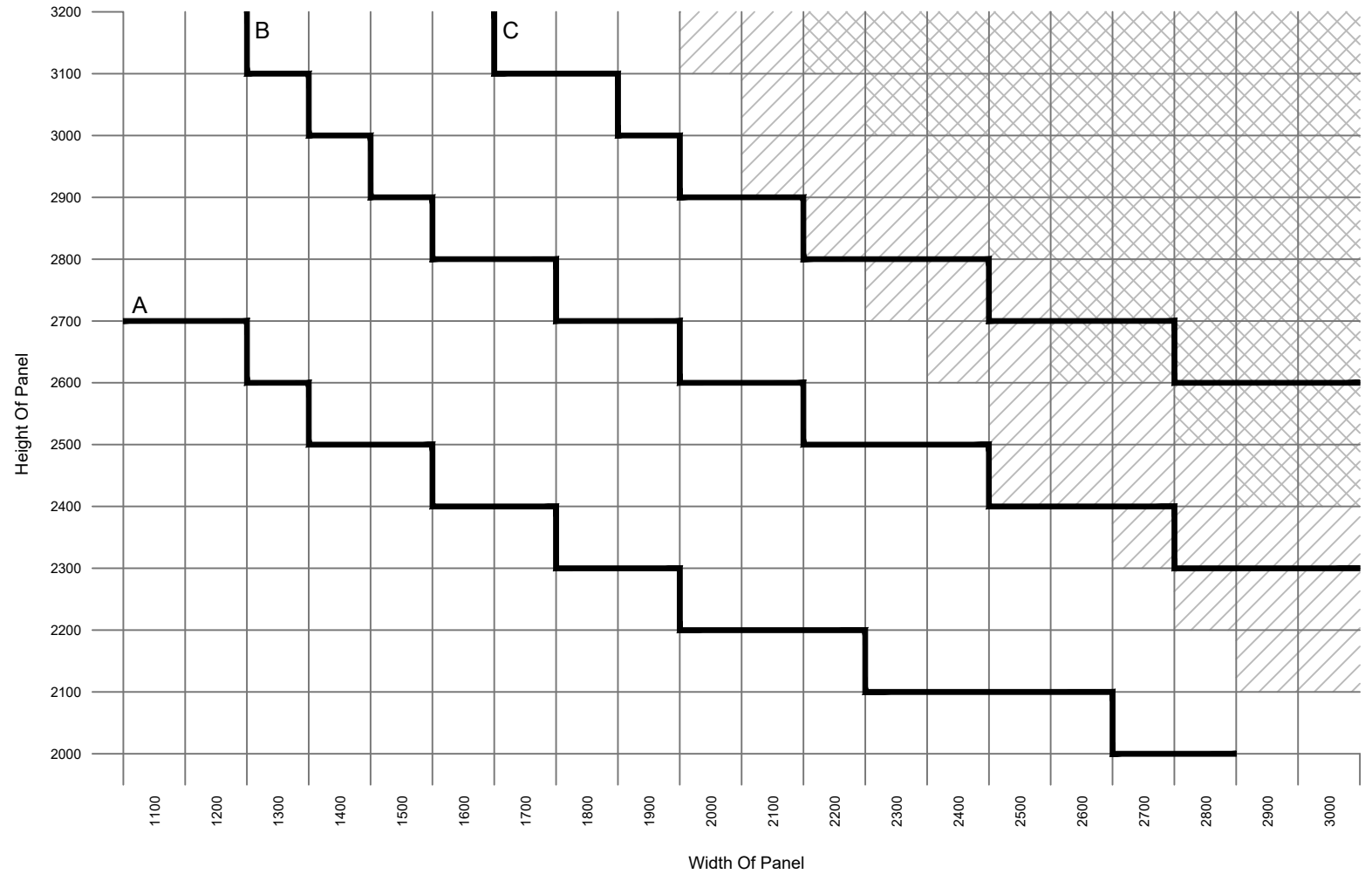
STATICS



Panel Weight 250-350kg*
Reinforced Track & No Guarantee

350kg+* Not Recommended
No Guarantee

* Weights based on minimum
recommended glass thickness



Sheltered Location 750Pa
(eg Central London Ground Floor)

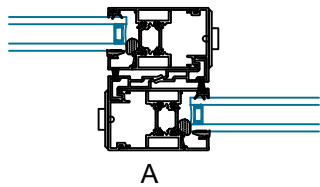
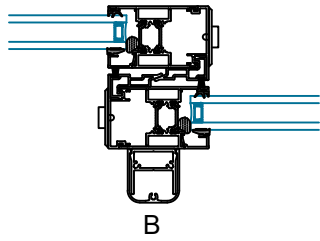
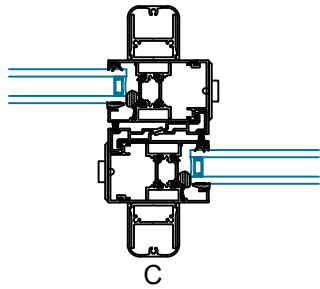
Description: SVG83 Maximum Panel Heights (Sheltered)

System: SVG30 & SVG83

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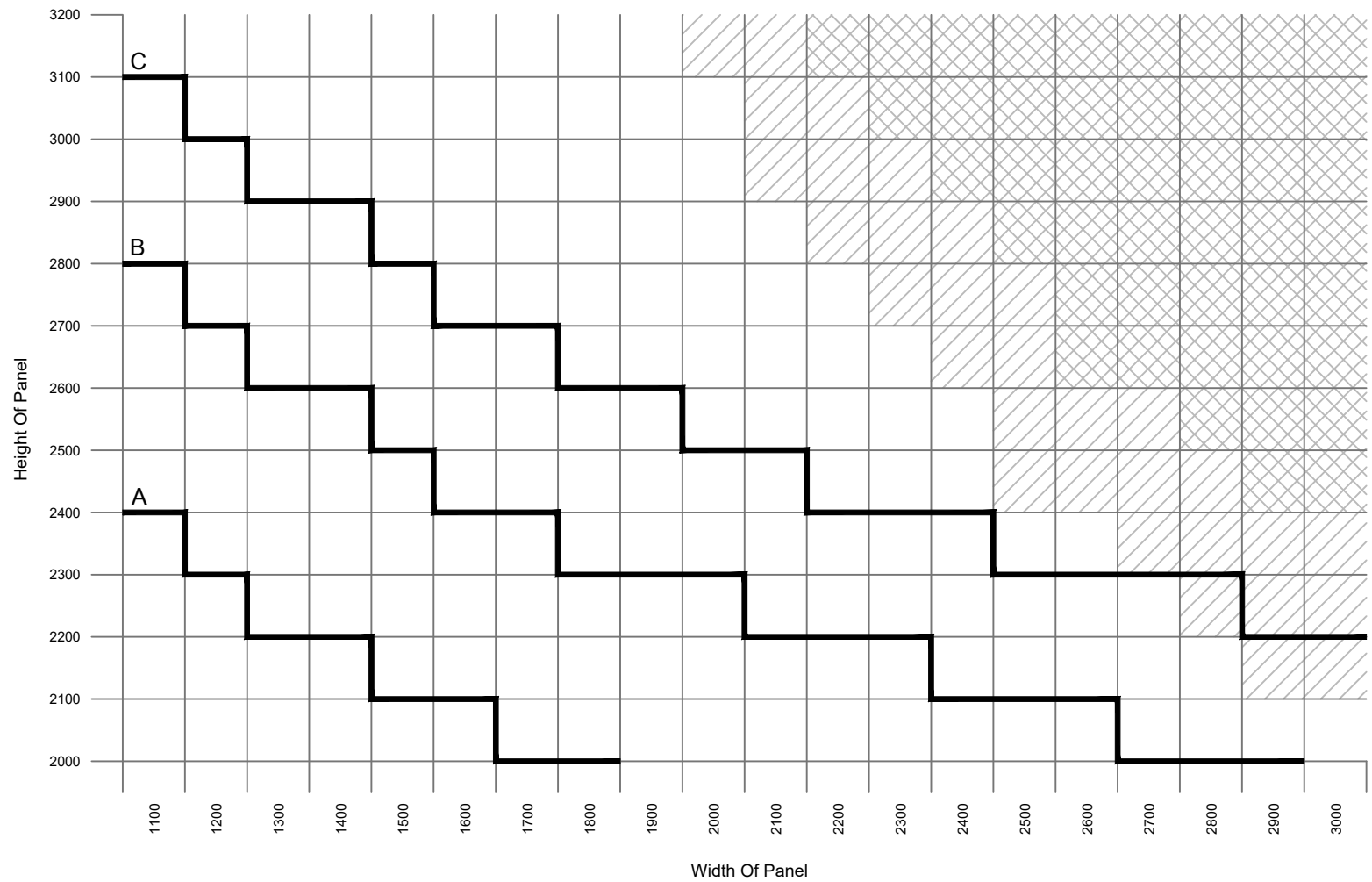
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Panel Weight 250-350kg*
Reinforced Track & No Guarantee

350kg+* Not Recommended
No Guarantee

* Weights based on minimum
recommended glass thickness



Rural Location 1200Pa
(eg North Yorkshire)

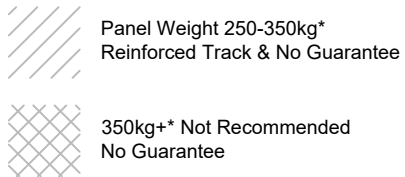
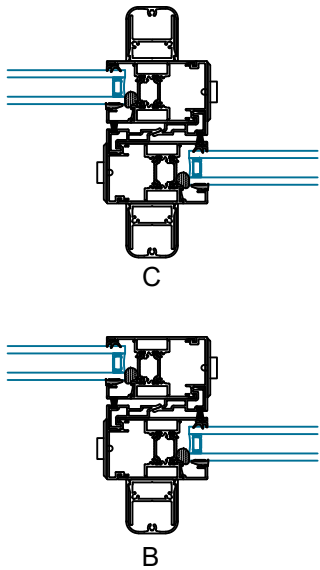
Description: SVG83 Maximum Panel Heights (Rural)

System: SVG30 & SVG83

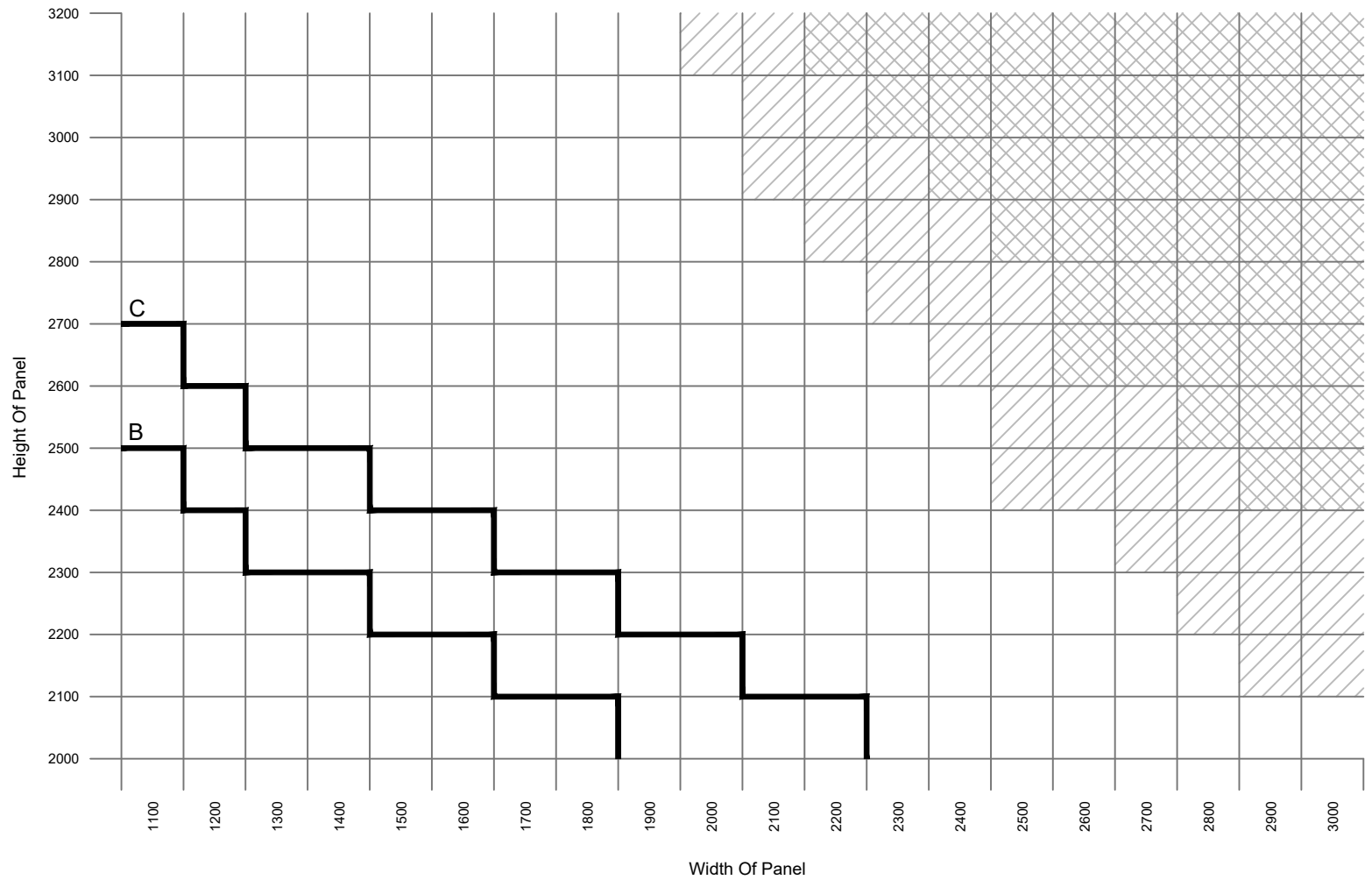
Rev.

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* Weights based on minimum
recommended glass thickness



Fully Exposed Location 1700Pa
(eg Rural South Coast)

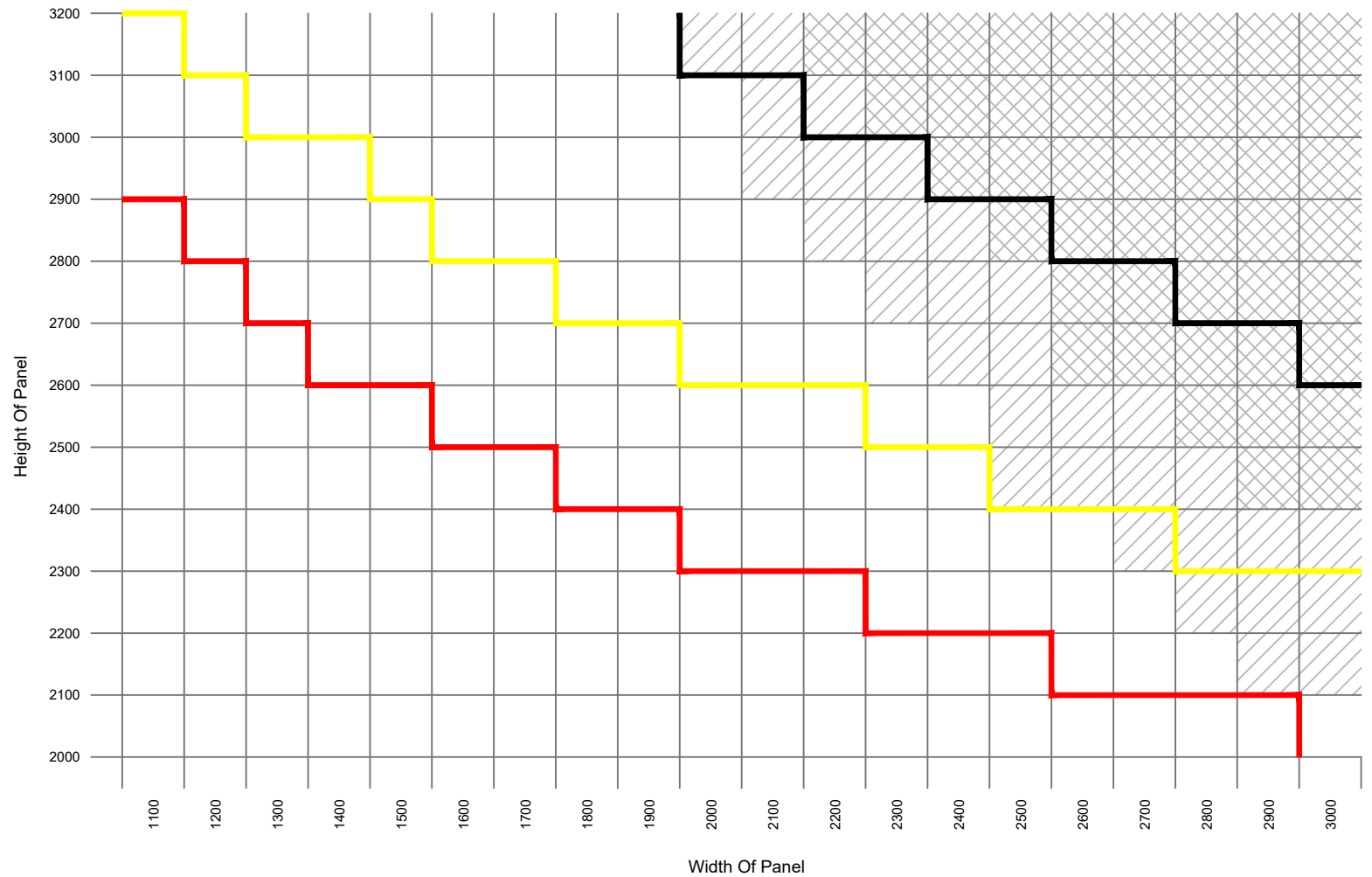
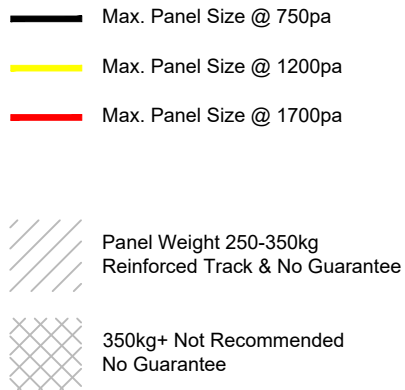
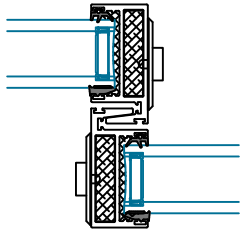
Description: SVG83 Maximum Panel Heights (Fully Exposed)

System: SVG30 & SVG83

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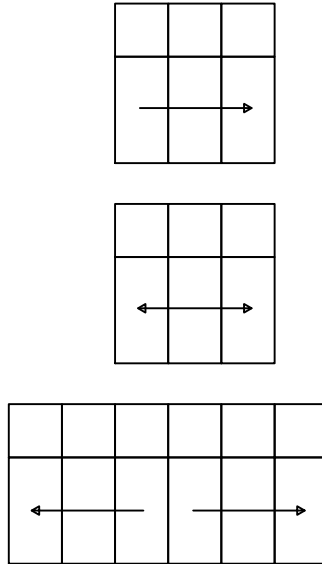
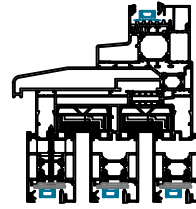
Description: SVG30 Maximum Panel Heights

System: SVG30 & SVG83

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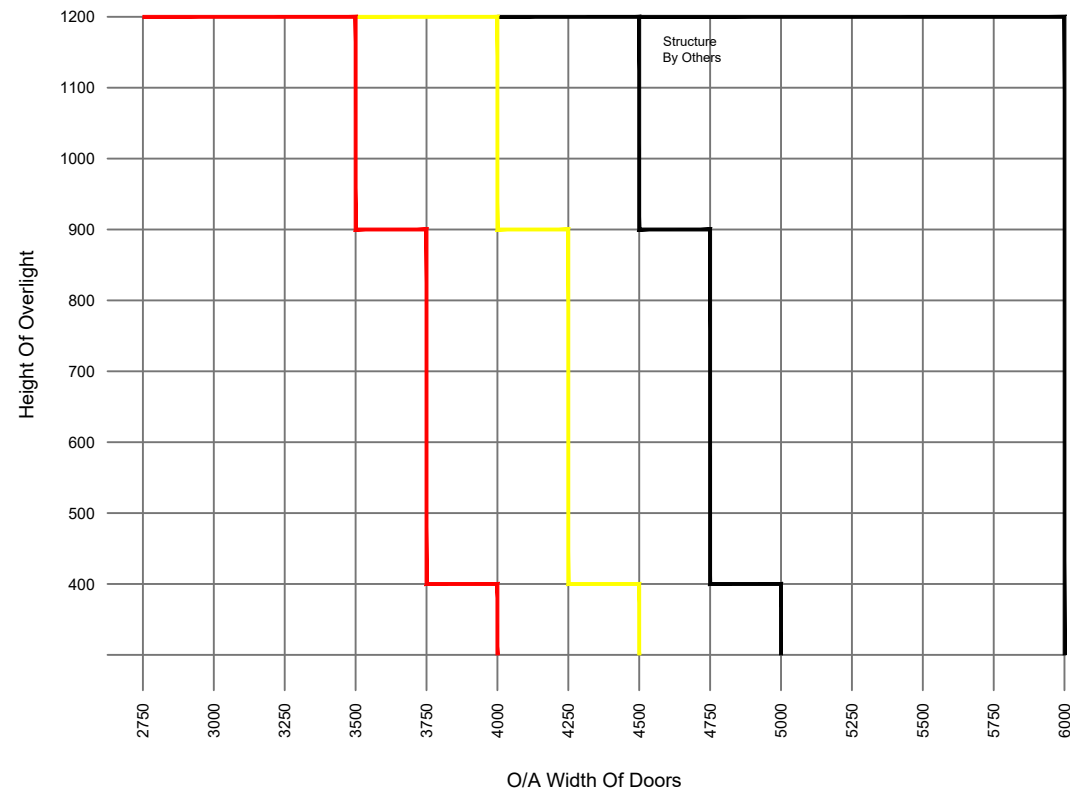
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NOTE All calculations assume the following;
Doors at maximum of 2500mm high.
Glass in overlights to be maximum 6mm inner and outer panes.
Openings assumed to be a ground level and not requiring to meet Part K for barrier loading.

If customers design falls outside parameters shown it may still be possible but will need to be confirmed by the Design Office.



- Max. O/A Door Width @ 750pa
- Max. O/A Door Width @ 1200pa
- Max. O/A Door Width @ 1700pa

Description: GL30/GL83 Triple Track Overlight Maximum Sizes

System: SVG30 & SVG83

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