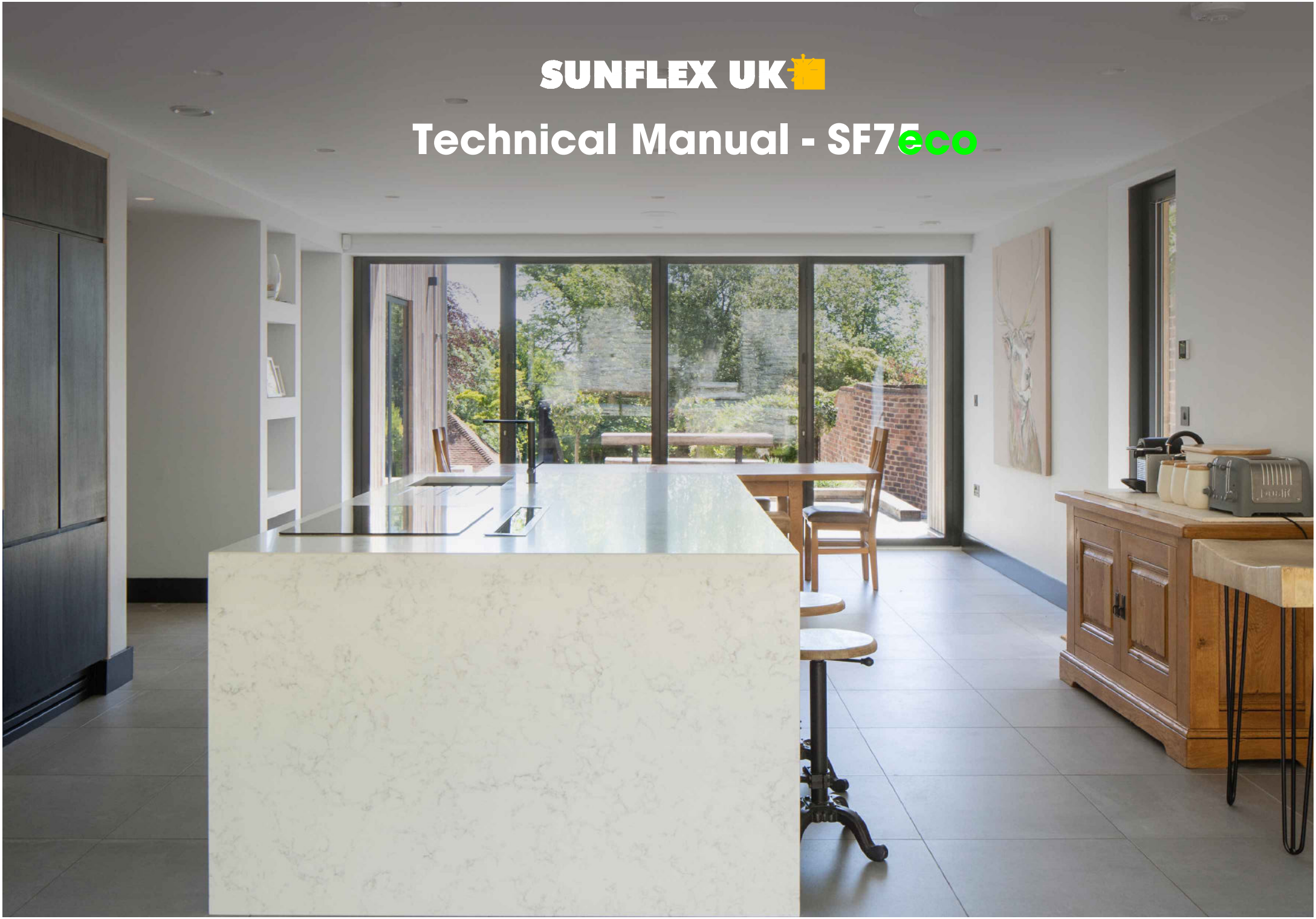

SUNFLEX UK
Technical Manual - SF75eco

Standard Colours	
Frame	RAL 7016 Anthracite Grey in matt finish DB703 Charcoal Grey Metallic in textured finish RAL 9005 Jet Black in matt finish
Handles	Colour matched to door frame as standard
Hinges	Colour matched to door frame as standard

Panel Sizes	
Panel Width	Minimum = 500mm (configurations with odd no. of panels) or 900mm (configurations with even no. of panels) Maximum = 1200mm
Panel Height	Minimum = 1000mm Maximum = 3000mm

Thermal performance	
Glass thickness	28mm, 30mm or 48mm

Centre Pane	Example of glass	Overall U-value
1.0 W/m²k Double glazed	4mm clear toughened x 20mm Argon x 4mm clear toughened soft coat	from 1.3 W/m²k
0.7 W/m²k Double glazed	4mm clear toughened x 20mm Argon x 4mm clear toughened CUIN Ultra	from 1.0 W/m²k
0.5 W/m²k Triple glazed	4mm clear toughened x 18mm Argon x 4mm clear toughened x 18mm Argon x 4mm clear toughened soft coat	from 0.8 W/m²k

Security	
Locking	Multipoint shoot-bolt and espagnolette locking system
Cylinder	ISEO™ F6 Extra S - SKG® 3-star rated cylinder
Accreditation	PAS 24:2016 certification Secure By Design™ award Requires P1a rated glass to adhere to Building Regulations Approved Document Q

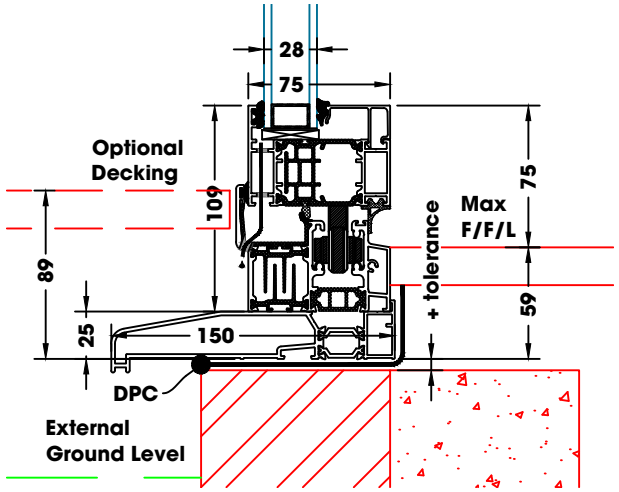
Weather performance (with weathered track)	
Water tightness	900 Pa (Class 9a) - BS EN 12208
Air permeability	600 Pa (Class 4) - BS EN 12207
Wind resistance	2000 Pa (Class 5b) - BS EN 12210

Max panel sizes with max m² glazing weight (including outer frame)

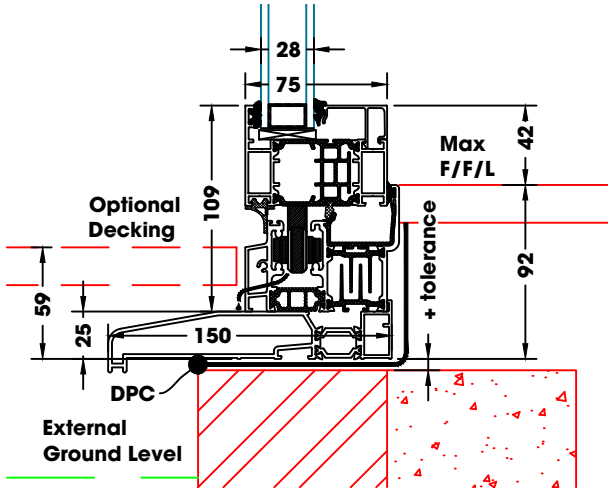
W / H	600	700	800	900	1000	1100	1200
3000	40kg	30kg	25kg	25kg			
2900	40kg	30kg	30kg	25kg			
2800	40kg	35kg	30kg	25kg	25kg		
2700	40kg	35kg	30kg	25kg	25kg		
2600	40kg	35kg	30kg	25kg	25kg	25kg	
2500	45kg	40kg	35kg	30kg	25kg	25kg	
2400	45kg	40kg	35kg	30kg	30kg	25kg	
2300	45kg	40kg	35kg	30kg	30kg	25kg	25kg
2200	45kg	45kg	35kg	35kg	30kg	25kg	25kg
2100	45kg	45kg	40kg	35kg	30kg	25kg	25kg
2000	45kg	45kg	40kg	35kg	35kg	25kg	25kg
1900	45kg	45kg	45kg	40kg	35kg	25kg	25kg

Door sets up to 3.6 metres high are possible, please contact info@ sunflex.co.uk for further information

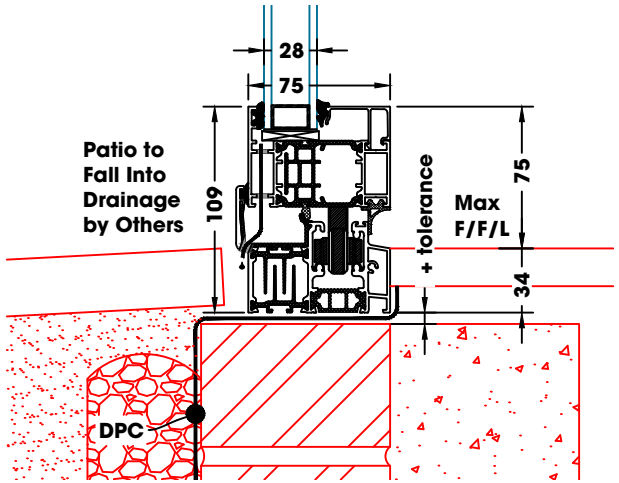
SUNFLEX UK



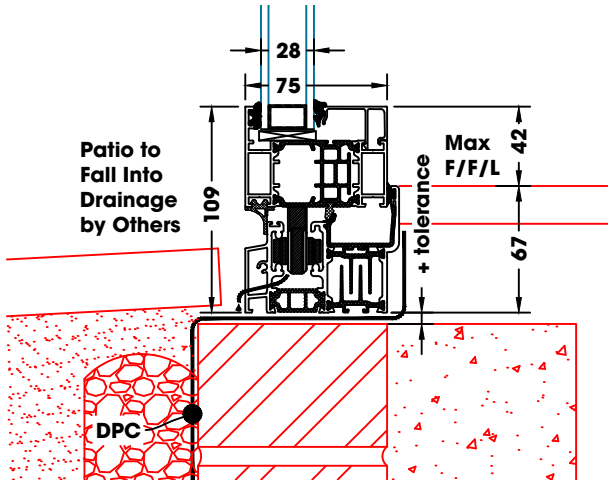
SF75eco
Bottom Weathered Track
Open In With Sill



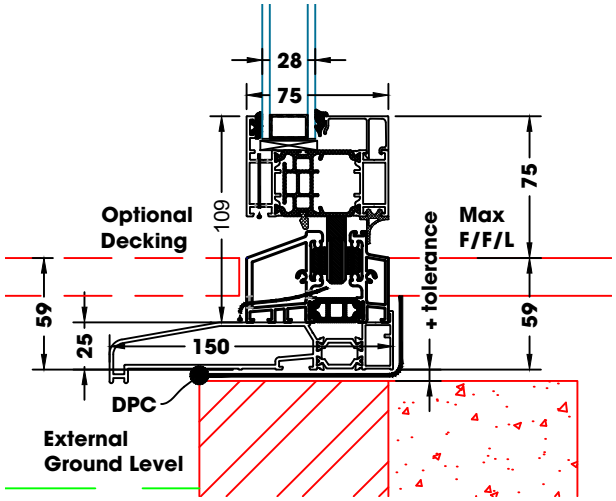
SF75eco
Bottom Weathered Track
Open Out With Sill



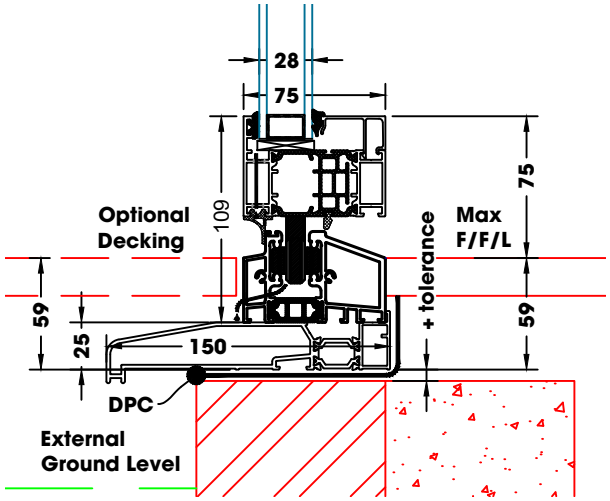
SF75eco
Bottom Weathered Track
Open In No Sill



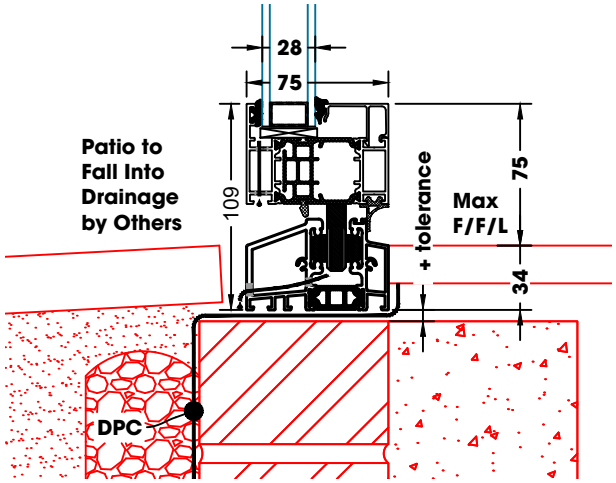
SF75eco
Bottom Weathered Track
Open Out No Sill



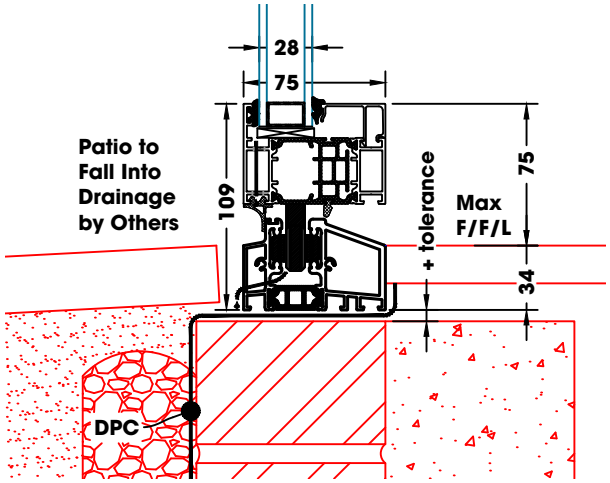
SF75eco
Bottom Low Level Track
Open In With Sill



SF75eco
Bottom Low Level Track
Open Out With Sill



SF75eco
Bottom Low Level Track
Open In No Sill



SF75eco
Bottom Low Level Track
Open Out No Sill

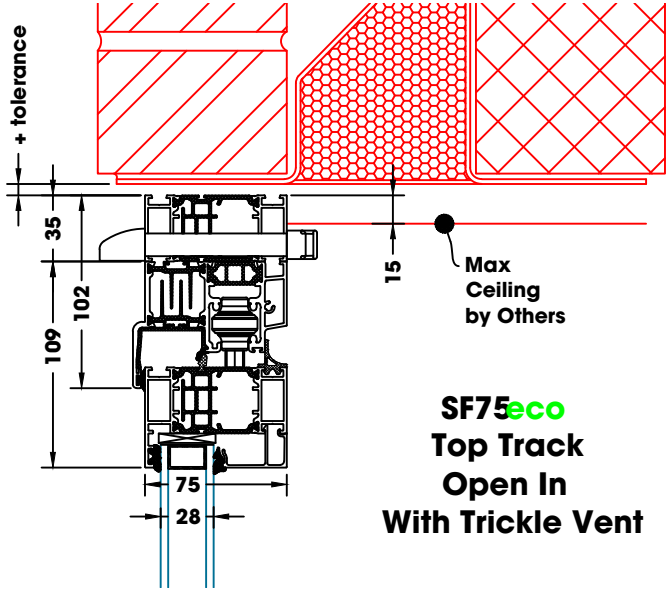
SUNFLEX UK

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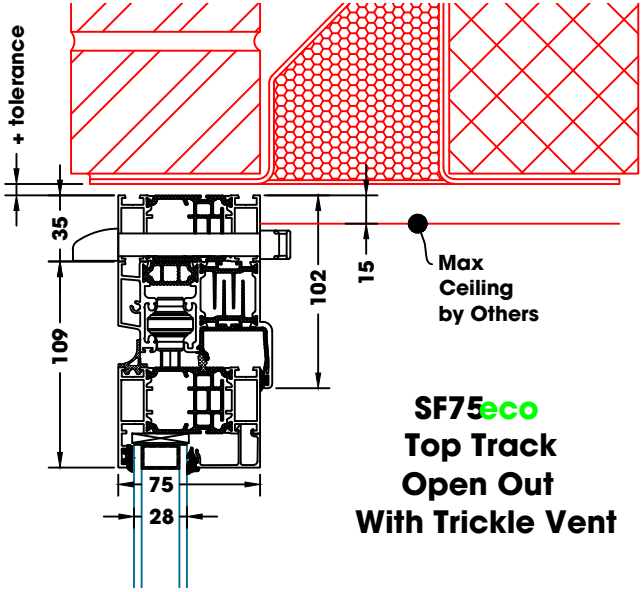
System: **SF75eco**

Rev.

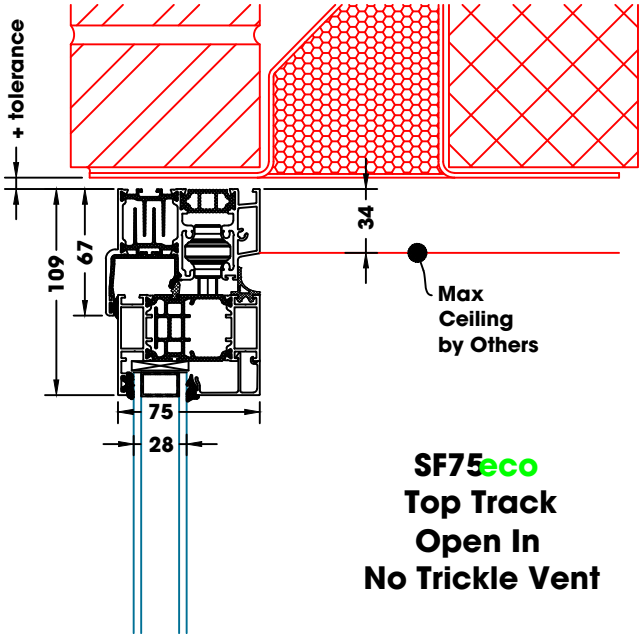
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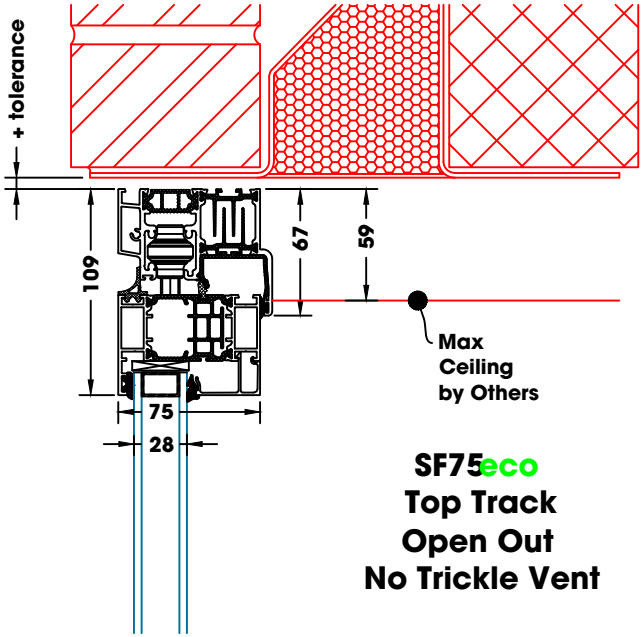
SF75eco
Top Track
Open In
With Trickle Vent



SF75eco
Top Track
Open Out
With Trickle Vent



SF75eco
Top Track
Open In
No Trickle Vent



SF75eco
Top Track
Open Out
No Trickle Vent

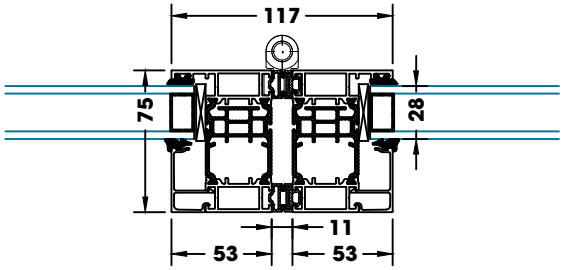
SUNFLEX UK

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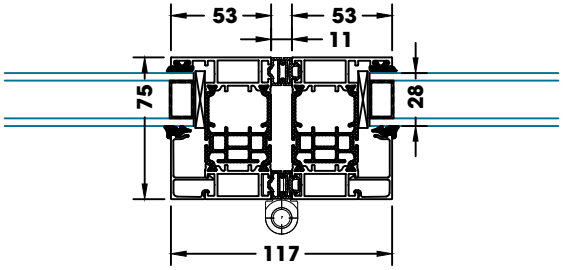
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Rev.

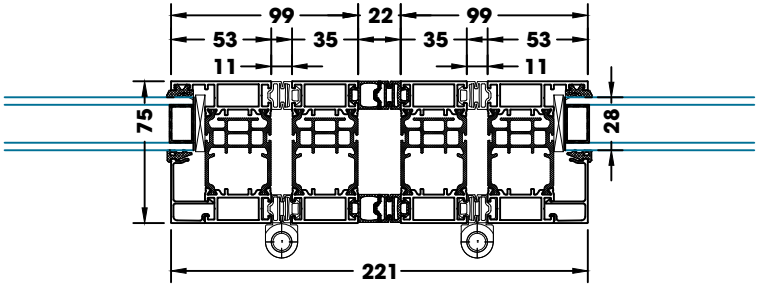
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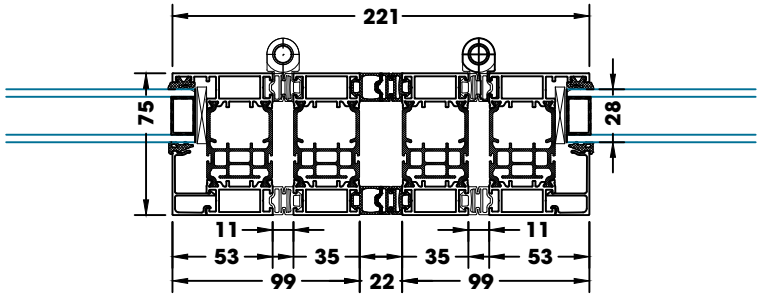
SF75eco
Panel to Panel
Open In



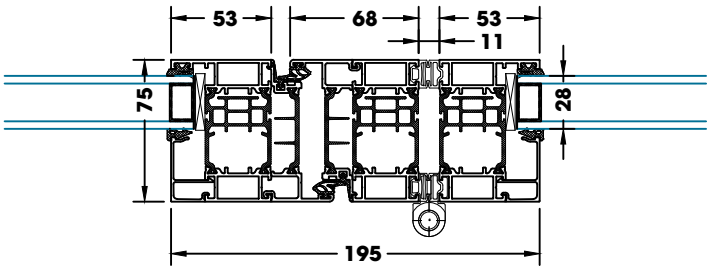
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Panel to Panel
Open Out



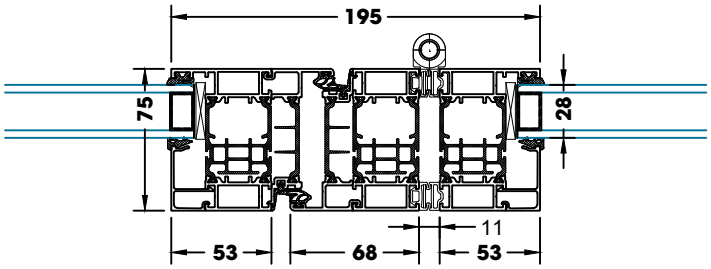
SF75eco
Meeting Style
Even to Even Panels
Open In



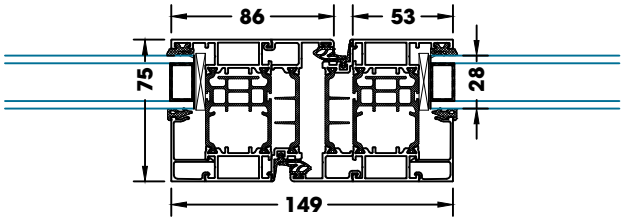
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Meeting Style
Even to Even Panels
Open Out



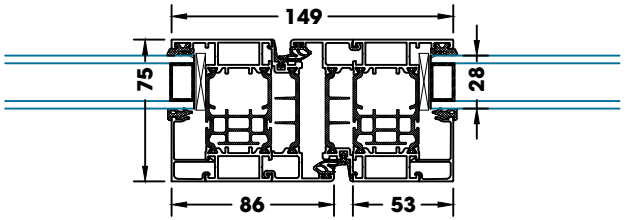
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Meeting Style
Odd to Even Panels
Open In



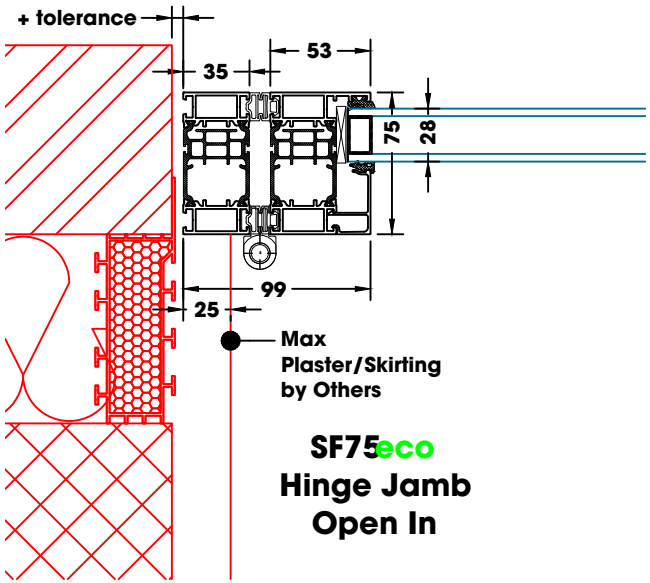
SF75eco
Meeting Style
Odd to Even Panels
Open Out



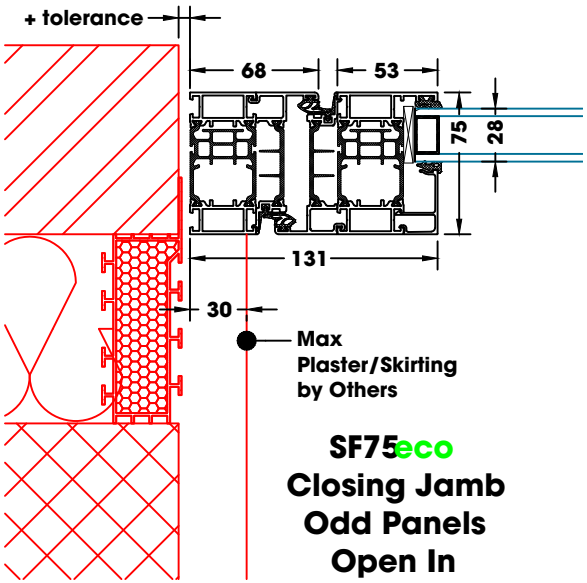
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Meeting Style
Odd to Odd Panels
Open In



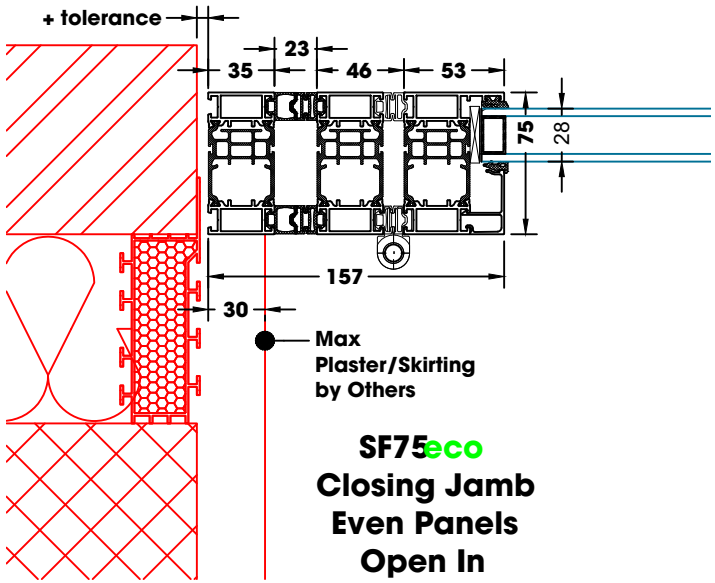
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Meeting Style
Odd to Odd Panels
Open Out



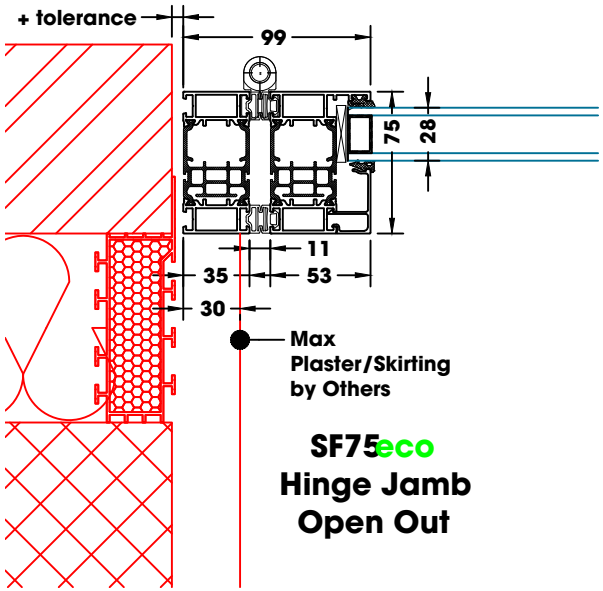
SF75eco
Hinge Jamb
Open In



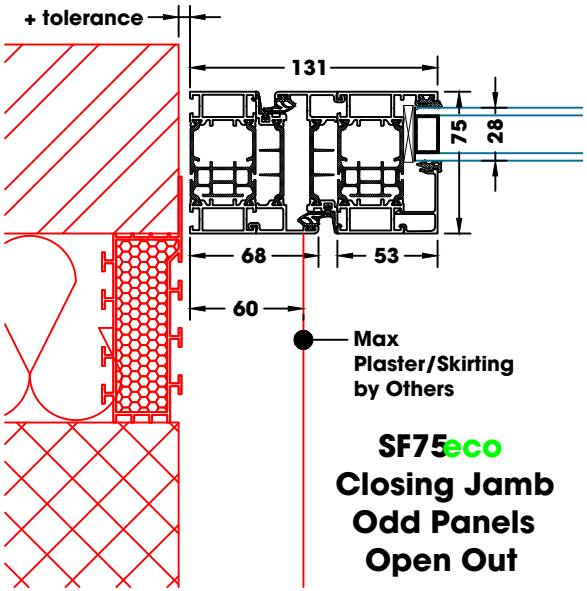
SF75eco
Closing Jamb
Odd Panels
Open In



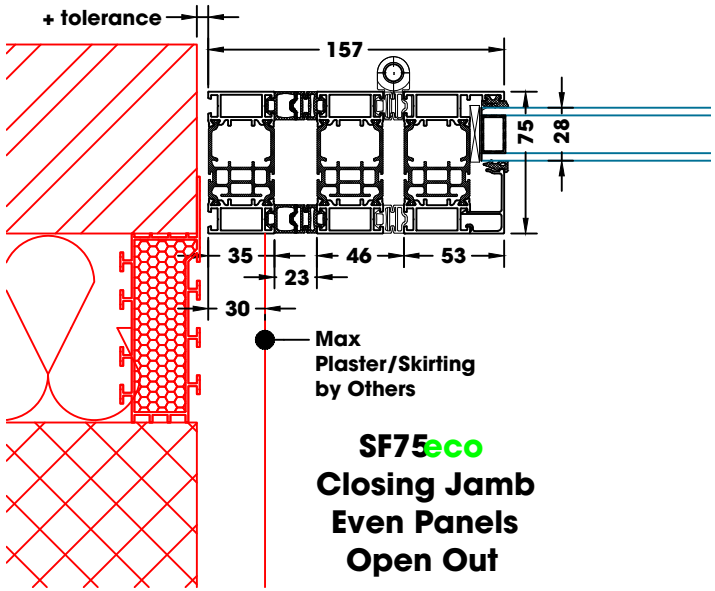
SF75eco
Closing Jamb
Even Panels
Open In



SF75eco
Hinge Jamb
Open Out



SF75eco
Closing Jamb
Odd Panels
Open Out



SF75eco
Closing Jamb
Even Panels
Open Out

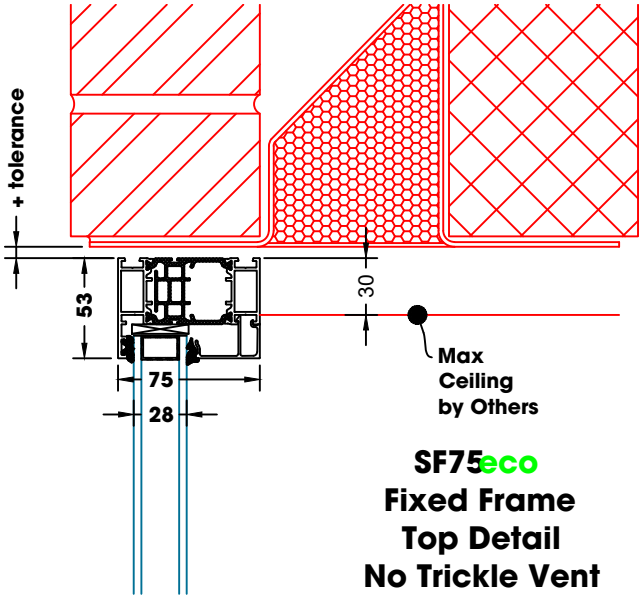
SUNFLEX UK

Description: **SF75eco Bi-Fold Jamb Details**

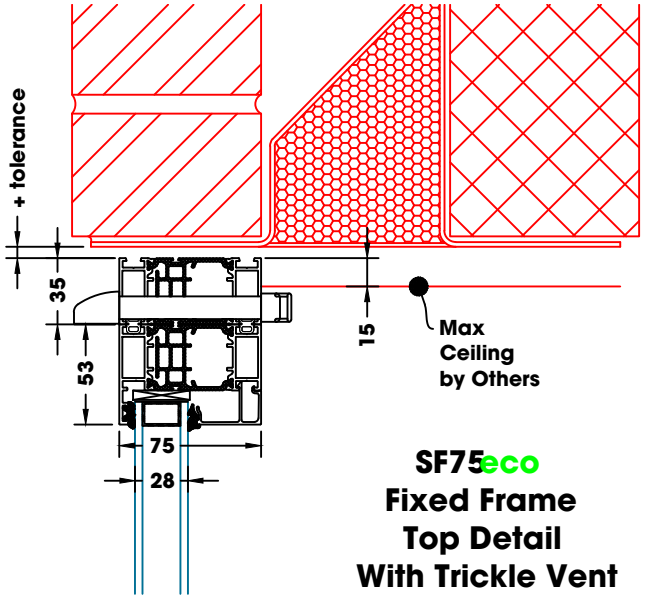
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Rev.

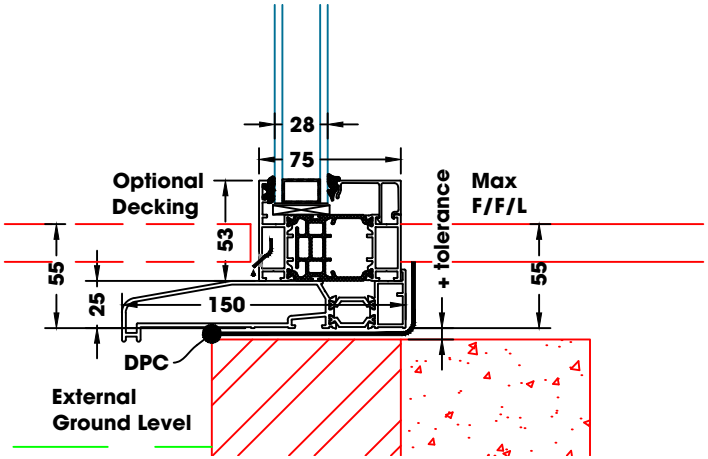
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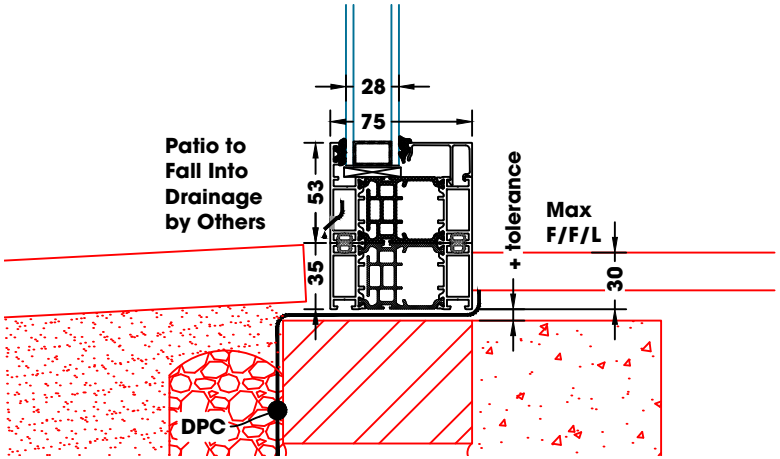
SF75eco
Fixed Frame
Top Detail
No Trickle Vent



SF75eco
Fixed Frame
Top Detail
With Trickle Vent

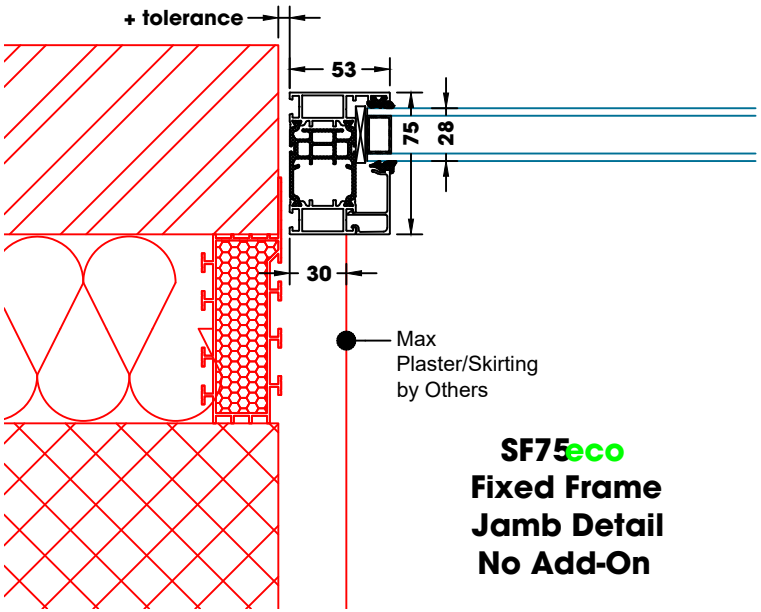


SF75eco
Fixed Frame
Base Detail
With Sill

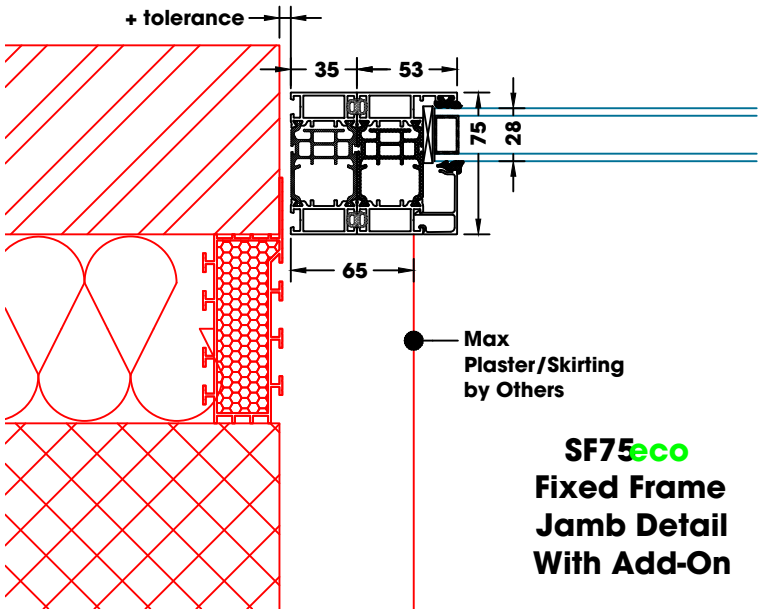


SF75eco
Fixed Frame
Base Detail
With Add-On

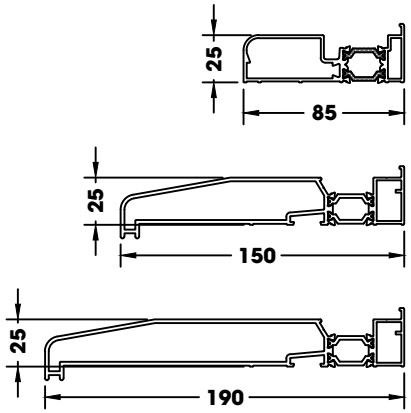
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		Page: **08a**	



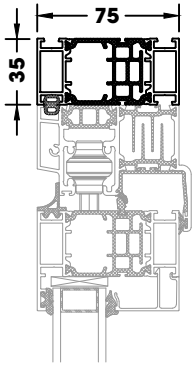
SF75eco
Fixed Frame
Jamb Detail
No Add-On



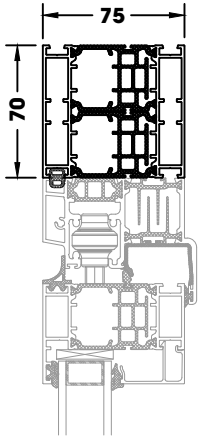
SF75eco
Fixed Frame
Jamb Detail
With Add-On



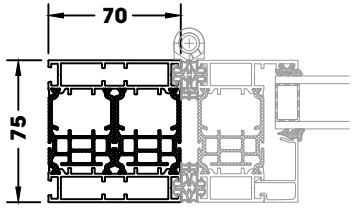
SF75eco
Sill Options



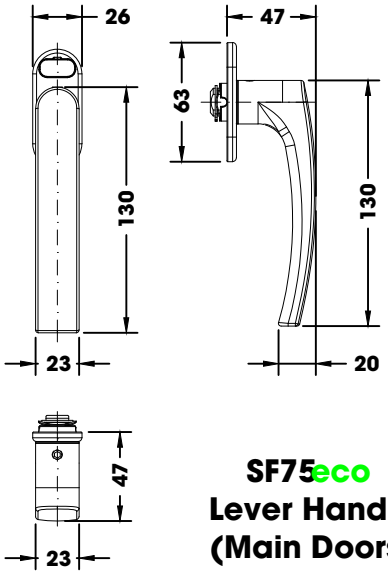
SF75eco
35mm Add-On Option



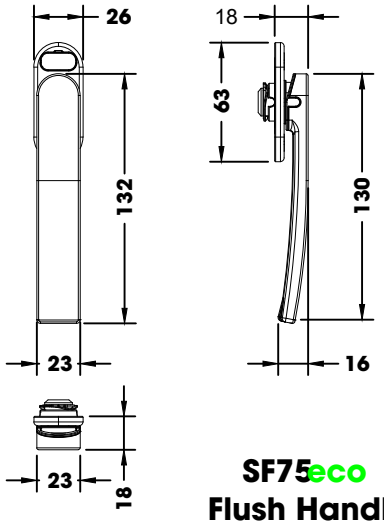
SF75eco
70mm Add-On Option



SF75eco
70mm Jamb Option

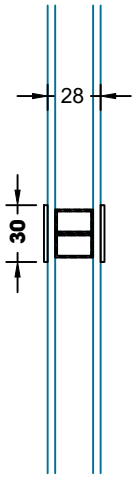


SF75eco
Lever Handle
(Main Doors)

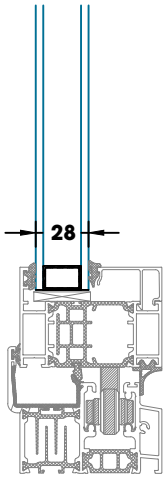


SF75eco
Flush Handle
(Intermediate Doors)

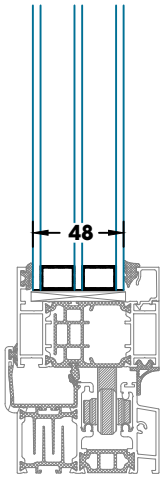




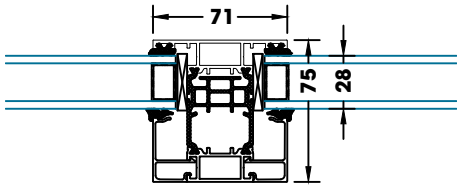
SF75eco
Plant-On Bar Detail



SF75eco
28mm Double
Glazed Unit



SF75eco
48mm Triple
Glazed Unit



SF75eco
Mullion Detail

Bifold doors

Sliding doors

Heritage doors

Aluminium windows

Glass roofs

Front doors

Internal glass partitions

Commercial doors

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