Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 1

Max 150 Front Double Glazed - 34mm Pocket

FEATURES:

- 150mm Frame Depth
- 50mm Sight Line generally
- 60mm Slight Line with U-Max unbroken Frame
- Optional Low profile 44mm Outer Frame
- Optional frame with 40mm pocket
- Stack joint option for low rise curtain walls
- Glass Plane-Front
- Compatible with 150mm Offset allowing glass in different planes
- Compatible with 150 Front Capped
- Accepts 24mm to 28mm IGU's with standard 34mm pocket
- Accepts 29 - 34mm IGU's with optional 40mm pocket
- Structural Glazed cap infil either vertically or horizontally
- Single Glazed Spandrel adaptor option
- Flush Glazed with 12mm Glass Bite in all configurations
- Eliminates ugly visible drain slots in the face of transoms
- Can be Internal or External glazed
- Awning & Casement Sash options
- Hinged, Pivot, Sliding & Multi sliding door tracks
- Dry Glazed with High performance Santoprene Gaskets
  - o Anti Stretch Gaskets
  - o Anti-Dropout Gasket Design
- Suited to wet glazed if preferred
- Watershed -Concealed Transom drainage system
- Screw fixing in front of glazing pocket to support transom

FABRICATION:

- Easy Screw Flute Joinery Fabrication
- Simple Panelized Assembly

PRODUCT APPLICATIONS:

- Shopfront, Ribbon Windows or Punched Openings
- Generally Single Span, limited to 6.5 metre high applications
- Stack joint detail for low rise curtain walls

NOTE:

This system is completely compatible with U-Max thermally broken framing systems

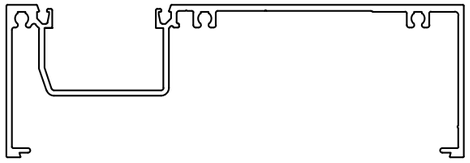
LIMITATION:

May be 2 sided structurally glazed. Not recommended for 4 sided structural glazed

ALTERNATIVES:
Standard frame with 34mm pocket
Alternative frame with 40mm pocket for IGU's up to 34mm

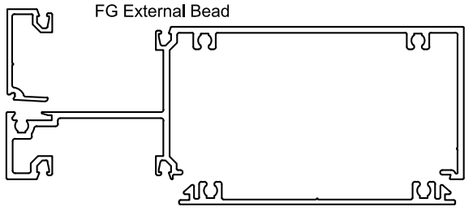
MAX™ 150mm Front Double Glazed &
GEN™ 100mm Front Single Glazed

Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 2
50mm Extrusion ID



C9570
150 x 50 FDG Frame

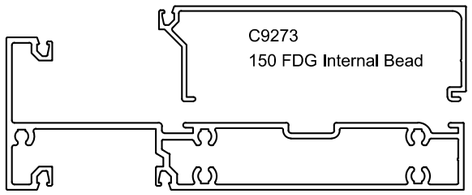
C9252
FG External Bead



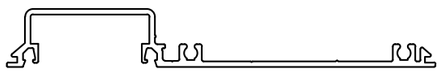
C9571
150 x 50 FDG External Head/Sill

C9321
150 Transom Filler

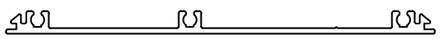
C9273
150 FDG Internal Bead



C9572
150 x 50 FDG Internal Head/Sill/Transom



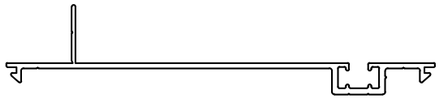
C9574
150 FDG Pocketed Filler



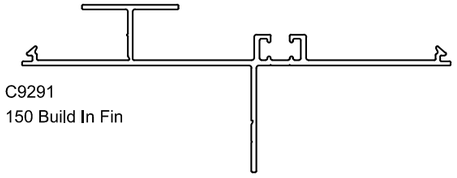
C9775
Max 150 Flat Filler - Screw flutes

C1756
150 Flat Filler

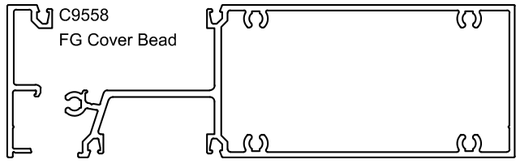
C9303
150 Flat Filler



C9304
150 Nailing Fin

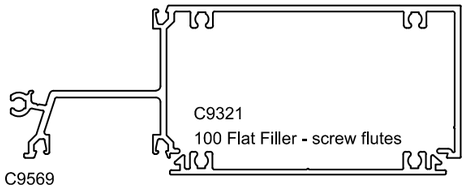


C9291
150 Build In Fin



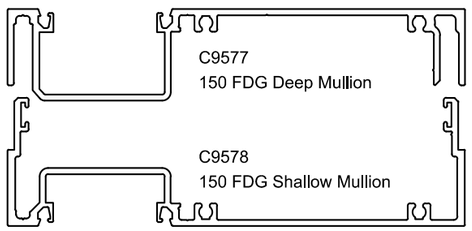
C9558
FG Cover Bead

C9576
150 x 50 FDG Cover Transom



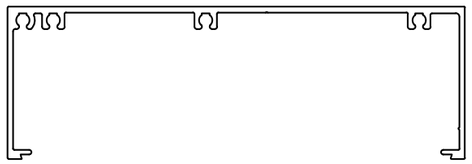
C9321
100 Flat Filler - screw flutes

C9569
150 x 50 FDG Open Back Cover Transom

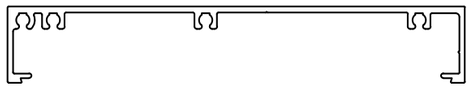


C9577
150 FDG Deep Mullion

C9578
150 FDG Shallow Mullion

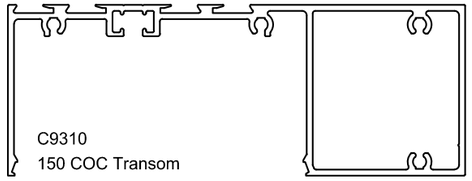


C9579
150 x 50 Plain Frame



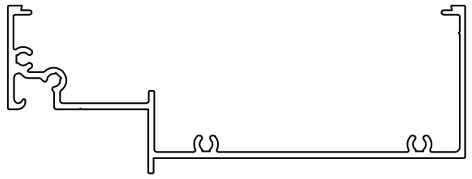
C9580
150 x 25 Plain Frame

C9581
150 S/Mating Plain Frame

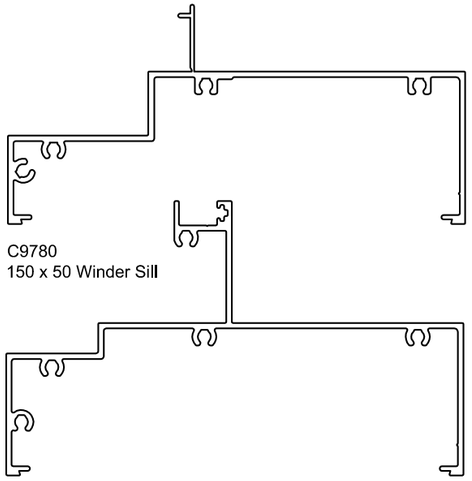


C9310
150 COC Transom

C9228
COC Filler Plate

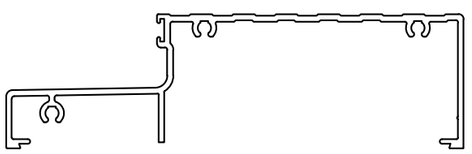


C9779
150 x 50 Hinge Head

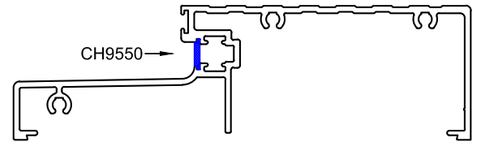


C9780
150 x 50 Winder Sill

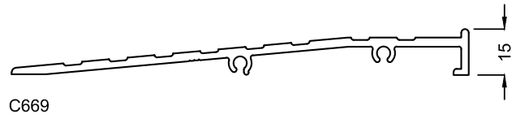
C9767
150 x 50 Truth Head / Sill



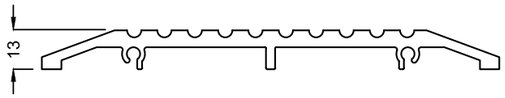
C9528
150 x 44 Threshold - Open Out (45 door)



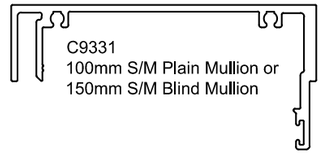
C9314
150 x 44mm Threshold Open Out (50 door)



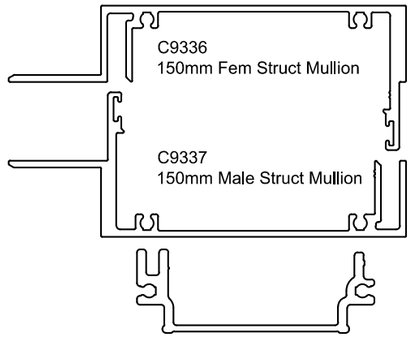
C669
150 x 13 Wheelchair Threshold



C1584
150mm Ramp Threshold



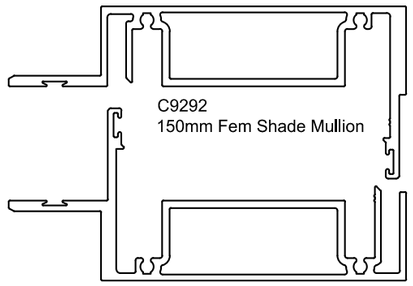
C9331
100mm S/M Plain Mullion or
150mm S/M Blind Mullion



C9336
150mm Fem Struct Mullion

C9337
150mm Male Struct Mullion

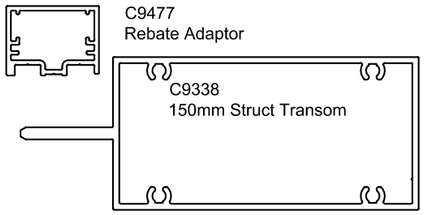
C9573
S/Mating Splice
suit 50mm Mullions

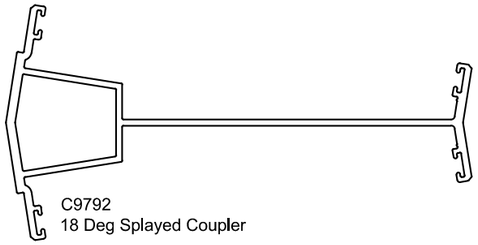


C9292
150mm Fem Shade Mullion

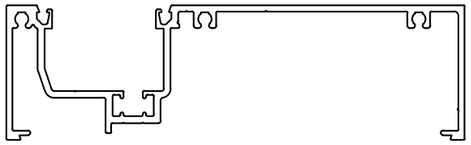
C9293
150mm Male Shade Mullion

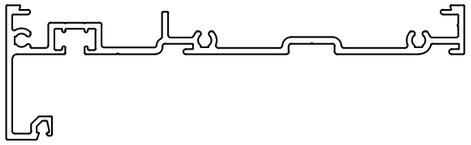
Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 3
Extrusion ID

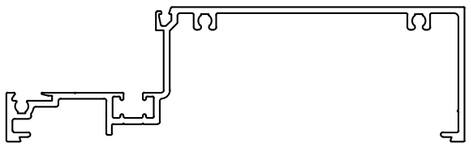

C9477
Rebate Adaptor
C9338
150mm Struct Transom


C9792
18 Deg Splayed Coupler

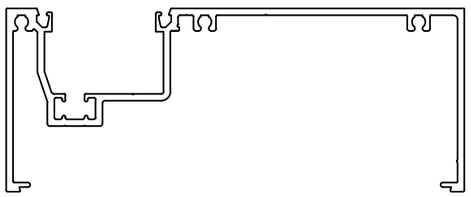
44mm Extrusion ID

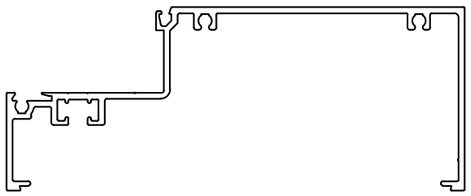

C9279
150 x 44 FDG Frame

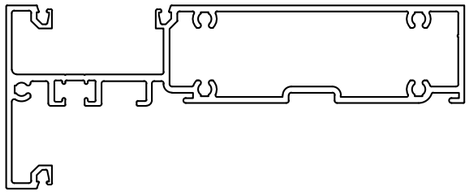

C9281
150 FDG Internal Head

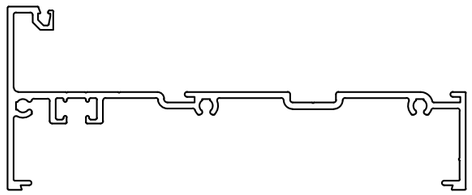

C9280
150 x 44 FDG External Head/Sill

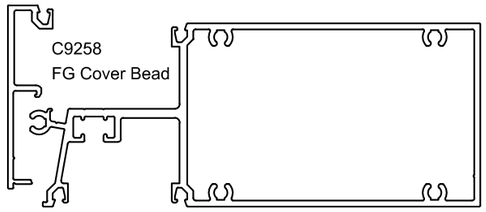
60mm Extrusion ID


C9270
150 x 60 FDG External Head/Sill

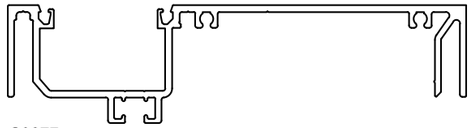

C9271
150 x 60 FDG External Head/Sill

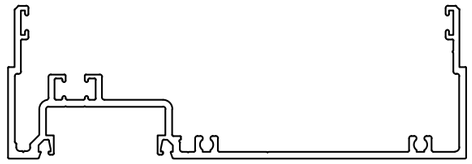

C9275
150 x 60 FDG Internal Transom

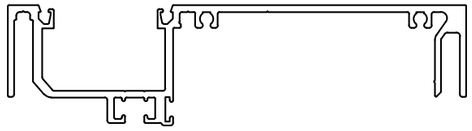

C9272
150 x 60 FDG Internal Head/Sill

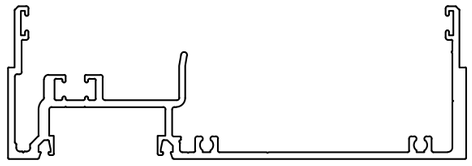

C9258
FG Cover Bead
C9276
150 x 60 FDG Cover Transom

60mm Extrusion ID

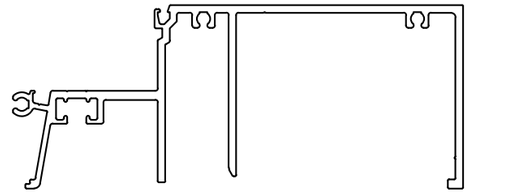

C9277
150 FDG Deep Mullion

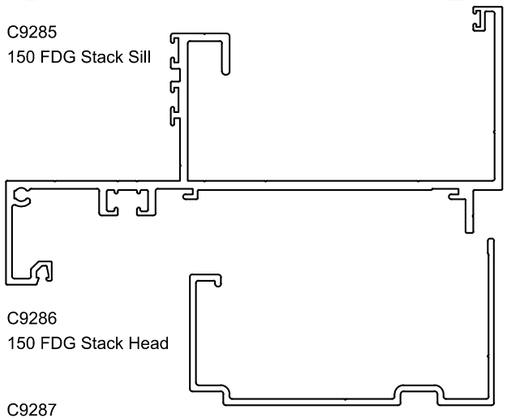

C9278
150 FDG Shallow Mullion


C9282
150 FDG Heavy Deep Mullion


C9283
150 FDG Heavy Shallow Mullion

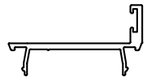
C9284
S/Mating Splice
suit 60mm Mullions

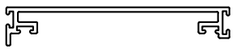

C9285
150 FDG Stack Sill


C9286
150 FDG Stack Head

C9287
150 FDG Stack Joint Splice

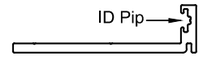

C9512
Flush Filler


C9563
FDG Open Out (45) Door Stop

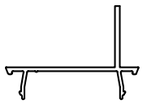

C9290
Plant On Door Stop

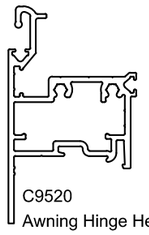

C9809
Plant On Door Stop (45 door)

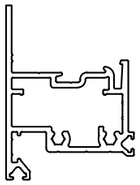

C4989
Plant On Door Stop

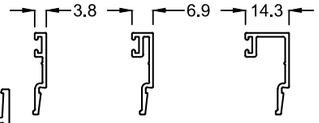


C9565
Max Plant On Door Stop (50 door)

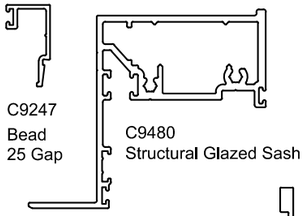

C9561
FDG Sash Adaptor
suit C9519, C9241

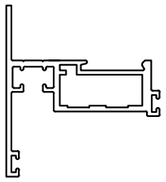

C9520
Awning Hinge Head


C9519
Awning Sash



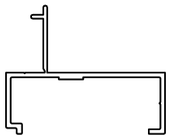
C9249
Bead
35 Gap
C9246
Bead
31 Gap
C9247
Bead
25 Gap

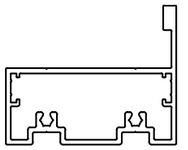

C9480
Structural Glazed Sash


C9241
50mm Overlap Sash

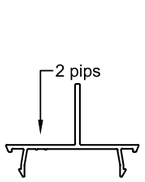

C0054
29mm Gap


C016-2
41mm Gap

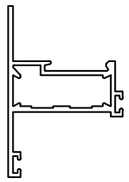

C9242
Winder Support


C3873
Plant On Struct Sash Adaptor

Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 4
Extrusion ID



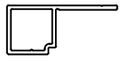
C9564
FDG Sash Adaptor
suit C1317


C1317
35mm Overlap Sash


C016-2
30 Gap


C200R
25 x 11 Extruded Screen

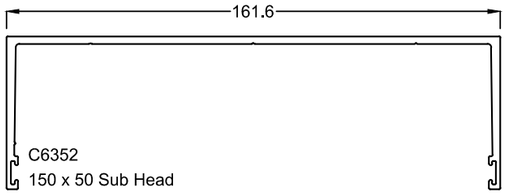

C9219
Spandrel Adaptor
19mm pocket

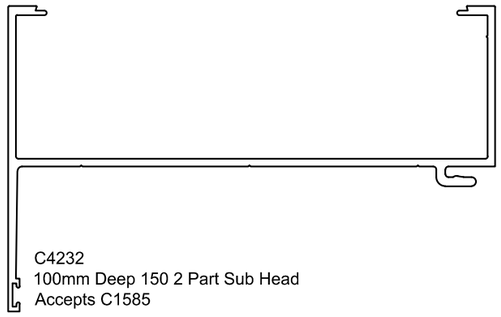

C9767
Spandrel Adaptor

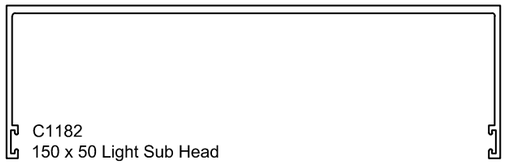

SCH161615
16 x 16 x 1.5 Channel

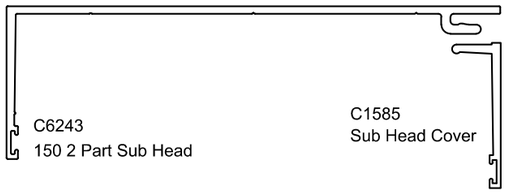
C9318
Motorised Winder Box
suit C1317


C2309
Flat Filler



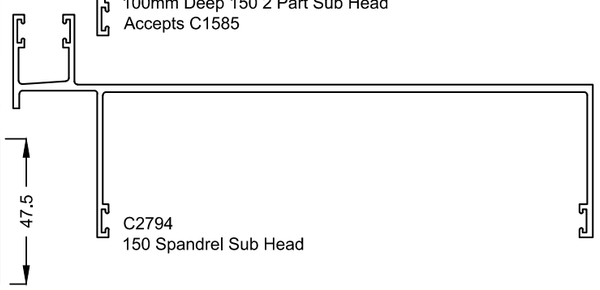

C4232
100mm Deep 150 2 Part Sub Head
Accepts C1585

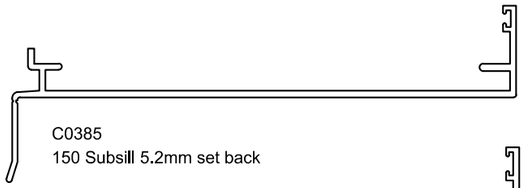

C1182
150 x 50 Light Sub Head

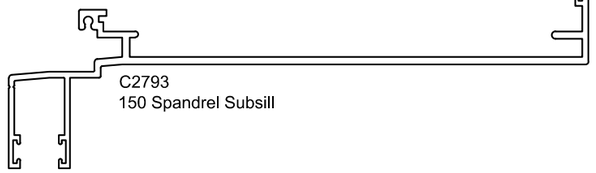


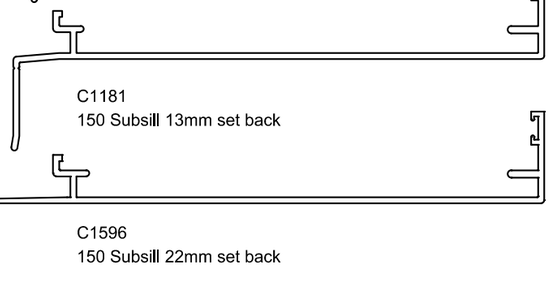
C6243
150 2 Part Sub Head

C1585
Sub Head Cover


C2794
150 Spandrel Sub Head

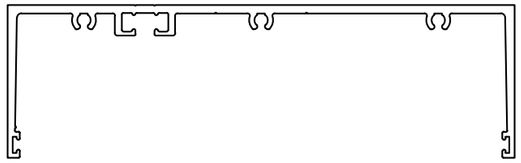

C0385
150 Subsill 5.2mm set back

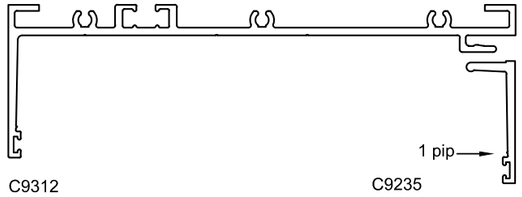

C2793
150 Spandrel Subsill


C1181
150 Subsill 13mm set back

C1596
150 Subsill 22mm set back

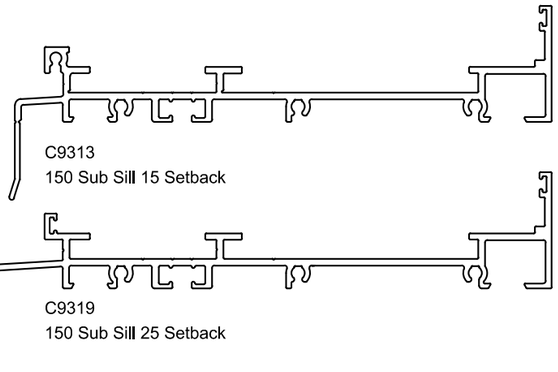
Max Sub Framing ID


C9311
150 x 50 Sub Head

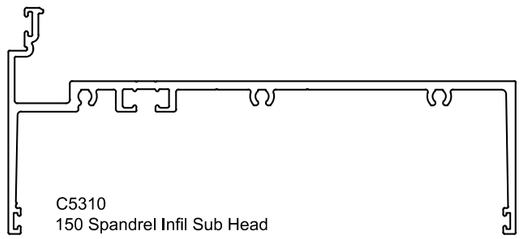


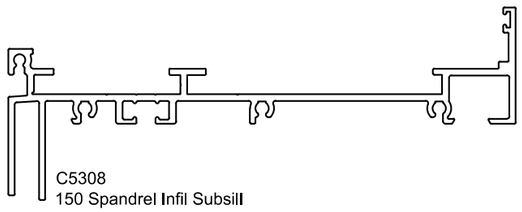
C9312
150 x 50 Sub Jamb

C9235
Sub Jamb Cover

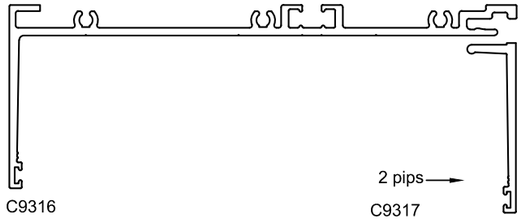

C9313
150 Sub Sill 15 Setback

C9319
150 Sub Sill 25 Setback


C5310
150 Spandrel Infil Sub Head

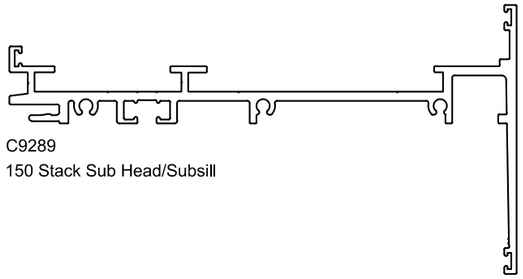

C5308
150 Spandrel Infil Subsill

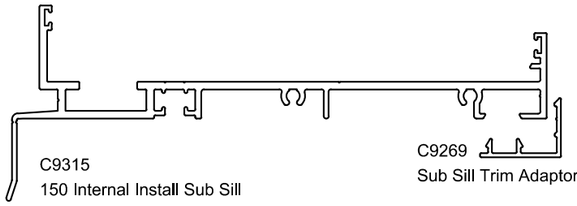

C5309
Spandrel Infil Subsill



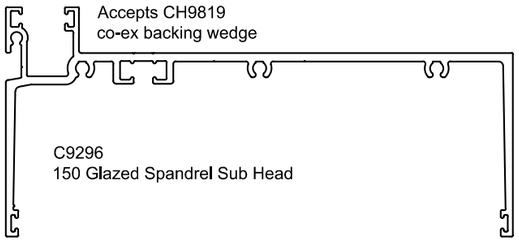
C9316
150 x 60 Sub Head

C9317
60 Sub Head Cover

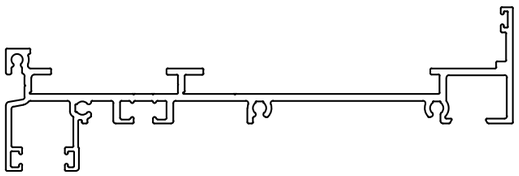

C9289
150 Stack Sub Head/Subsill


C9315
150 Internal Install Sub Sill

C9269
Sub Sill Trim Adaptor



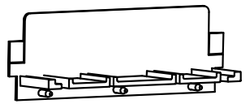
C9296
150 Glazed Spandrel Sub Head


C9297
150 Glazed Spandrel Subsill

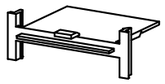
Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 5

Component ID

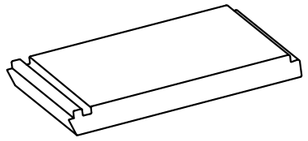
CHSE150
150 Subsill Stop end (non handed)



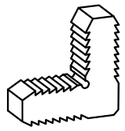
CH9571
Max 150 Subsill Stop end (non handed)



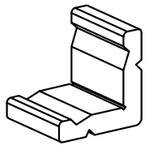
CH9597
Max Universal Watershed
for Deep & Shallow pockets



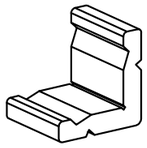
CH9595
Max Subsill support block (3.0)



CH9557
Cornerstake C9245 Sash



CH1317
Cornerstake C1317, C9241 Sash



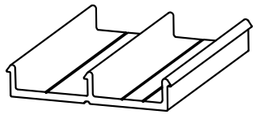
CH131737
Cornerstake C9519 Sash

CH1928
Cornerstake C9480
Structural Sash

CH9580
Sash Gusset

CH9600
20 x #10 Sq Drive Screw
(Front of Glazing Pocket)

CHSQDRIVE
GFB Square Drive #125 R1
100mm Long
suits CH9600 Screw



CH9581
RPVC Door Stop Base (3.0m)

CH9520
SubFrame Seal
Co-Ex, SANT

CH9521
Sash Bulb Seal
APRENE

CH9522
Co-Ex Door Stop
APRENE

CH13NEW
Sash Bulb Seal
suit C9241

CH9528
16mm Setting Block

CH9524
Co-Ex Sub Sill Flap

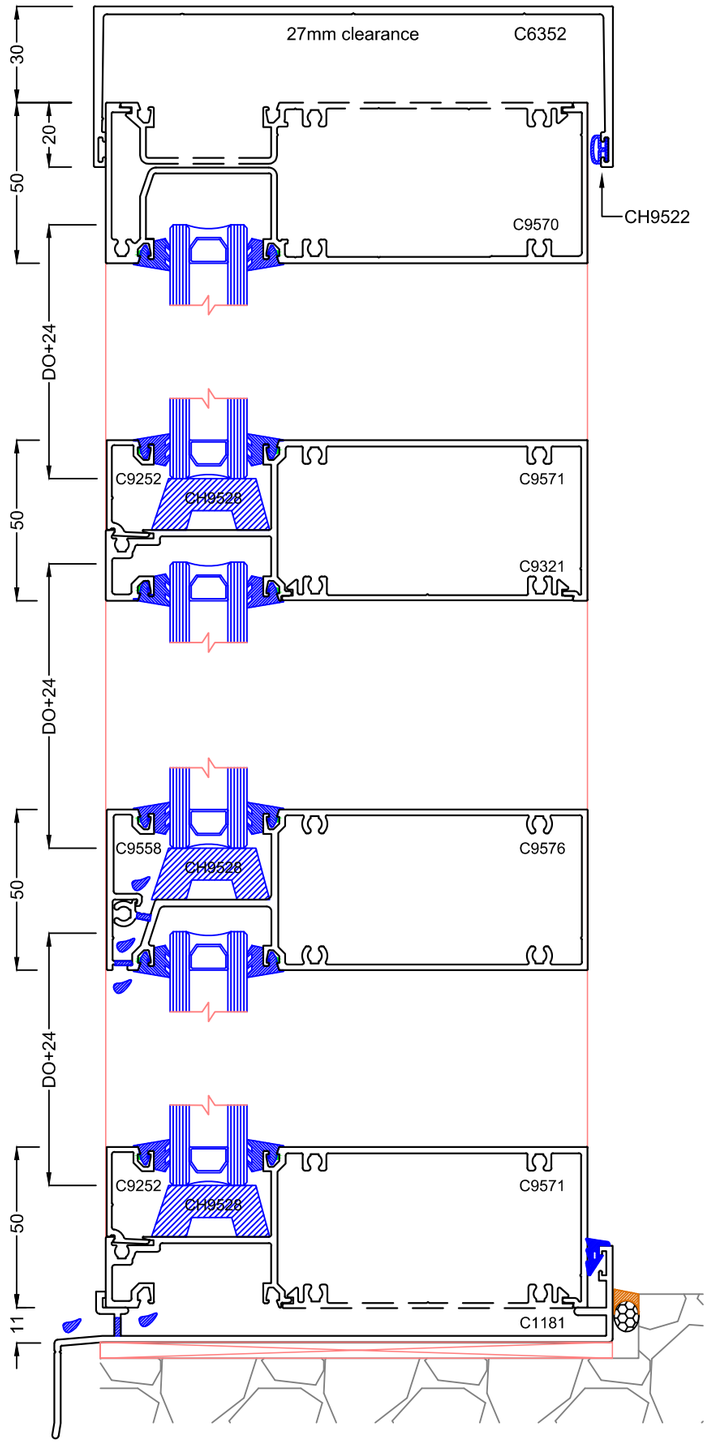
CH9525
Co-Ex Sill Flap

CH9526
Expansion Seal SANT

CH9627
C-ex Mullion
Expansion Bulb

CH9659
Co-ex Mullion
Expansion Dual Bulb

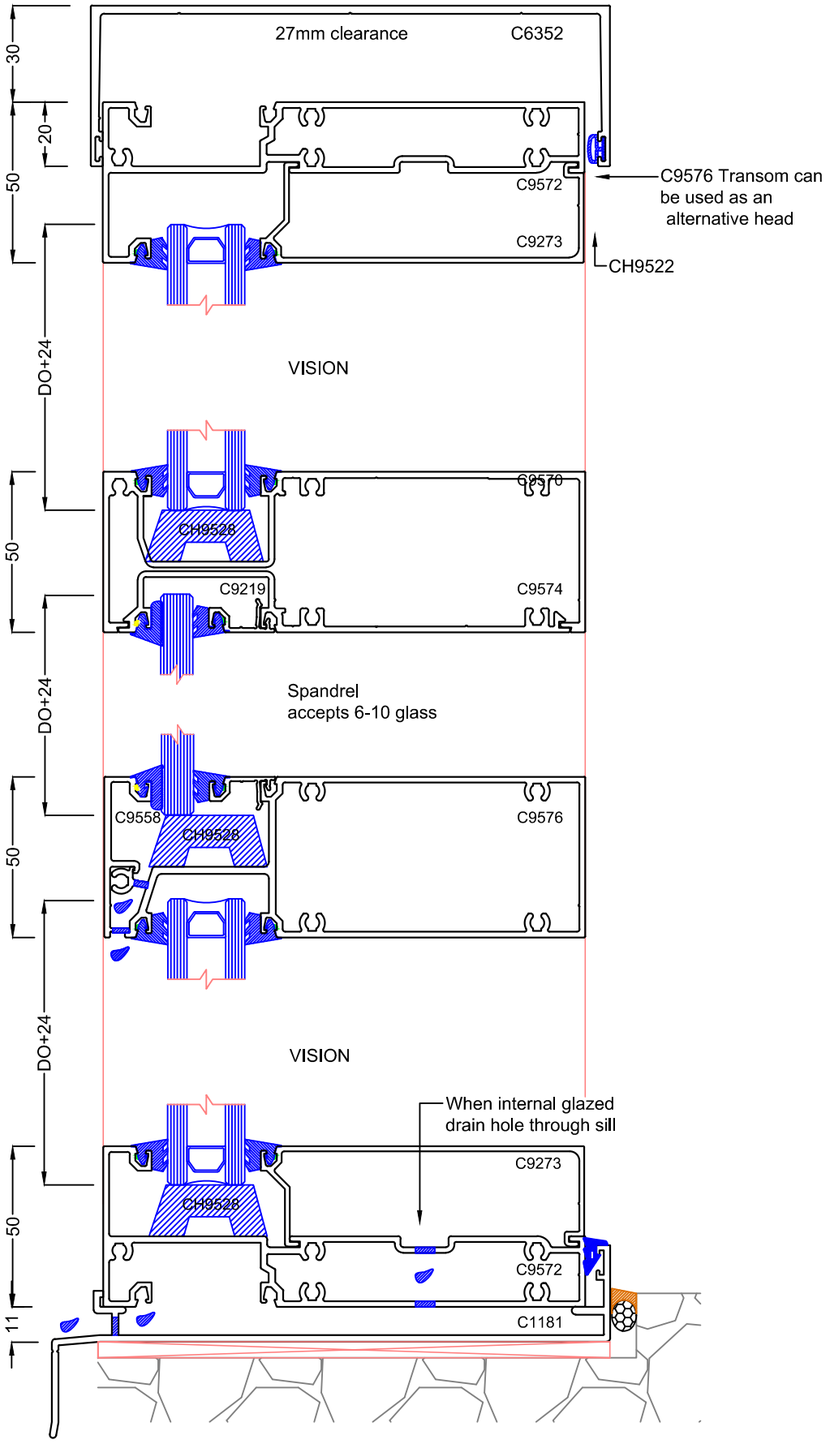
50mm Head & Sill External Glazed



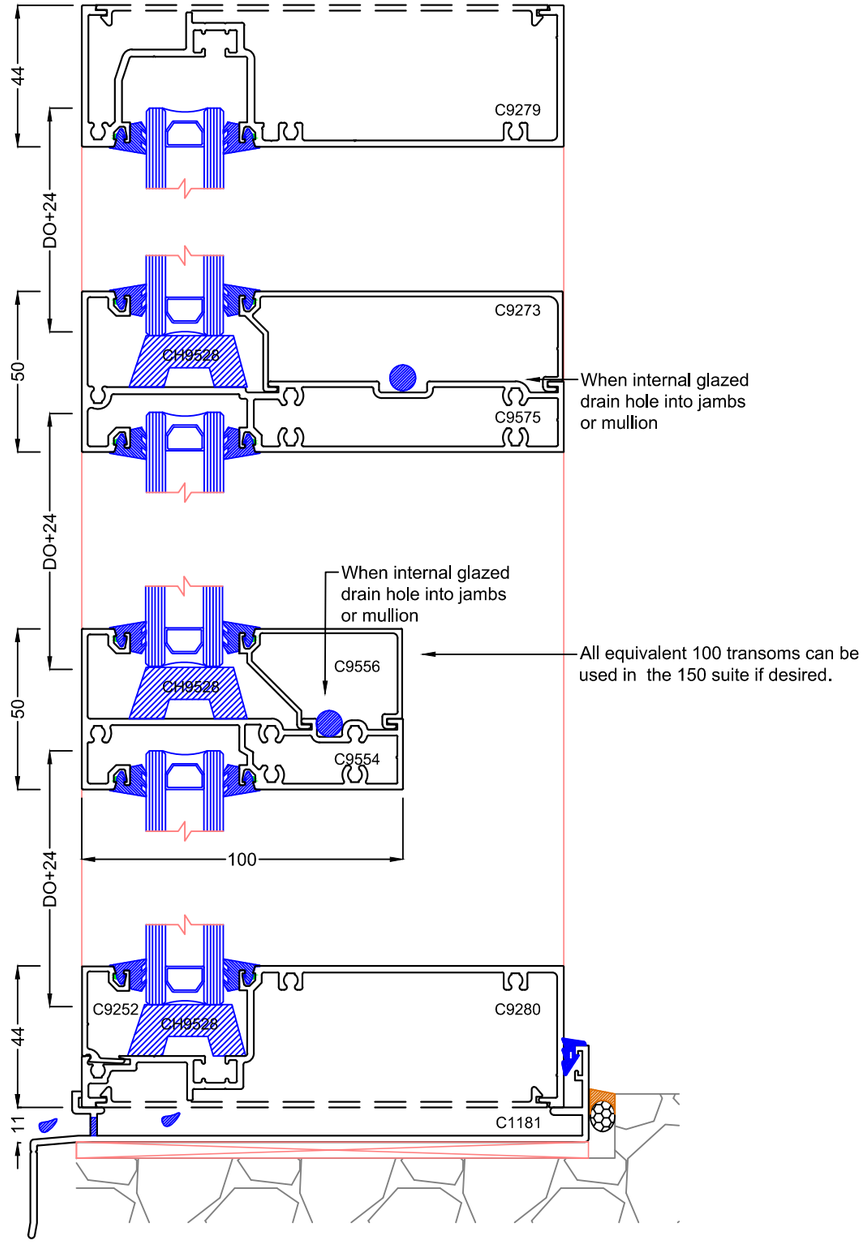
Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket

Max Framing Systems: M150FDG - 6

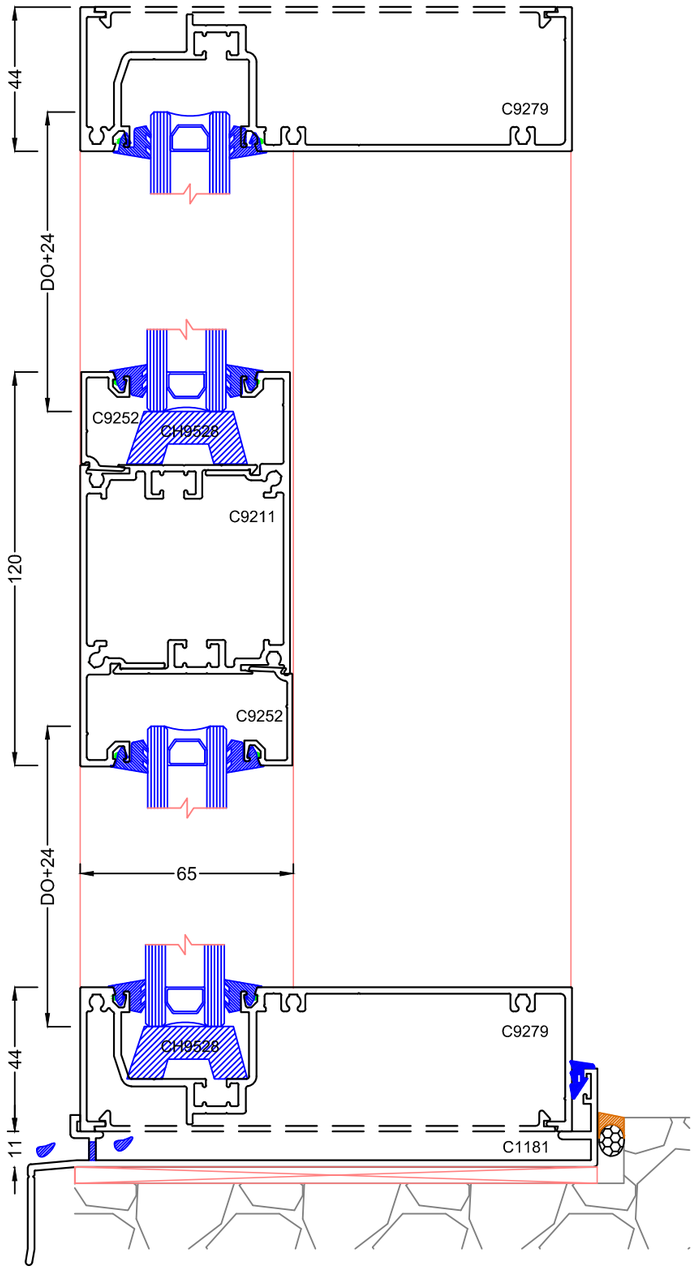
50mm Head & Sill Internal Glazed Vision / Spandrel



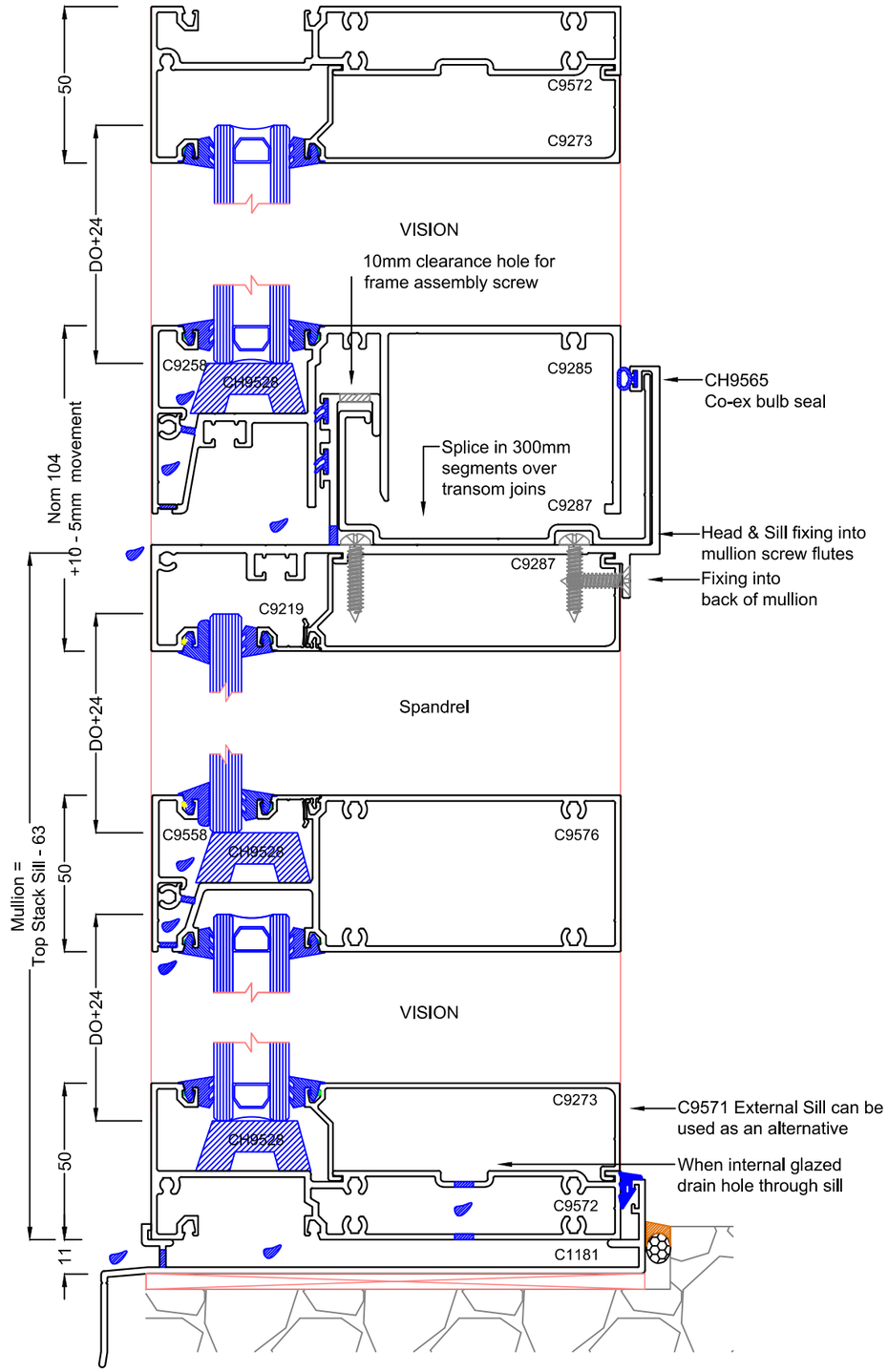
44mm Head & Sill Internal Glazed



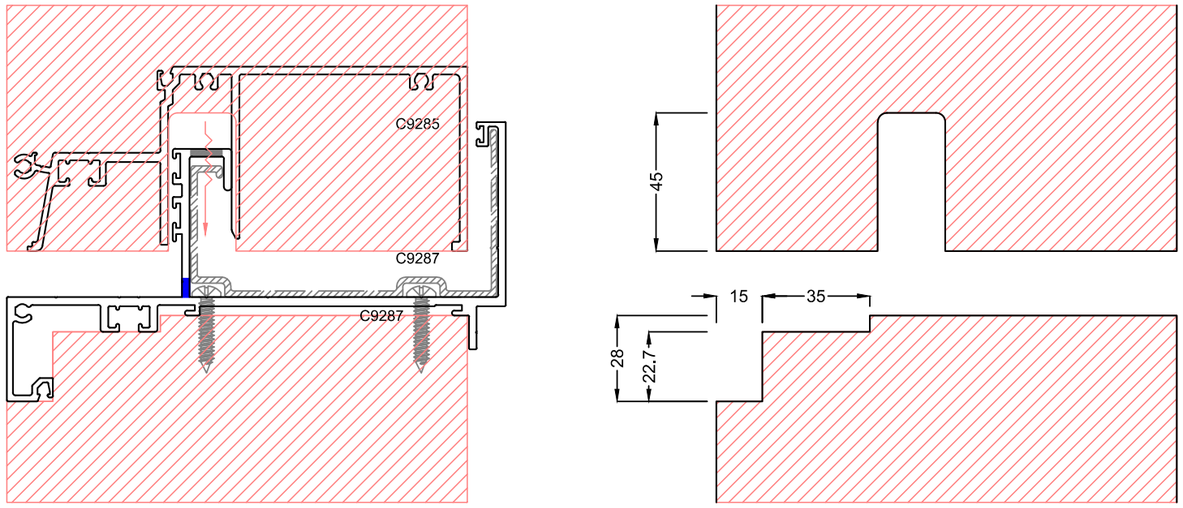
Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 7
44mm Head & Sill Internal Glazed with Midrail

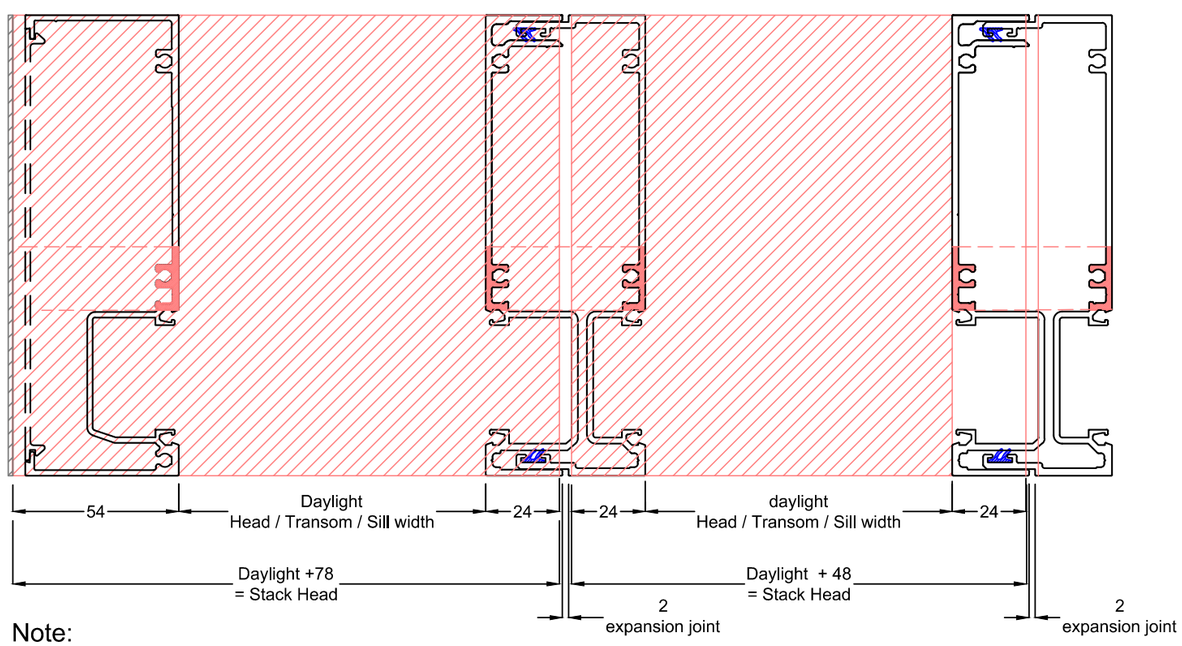


50mm Head & Sill with Stack Joint Vision / Spandrel



Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 8
Stack Joint Machining



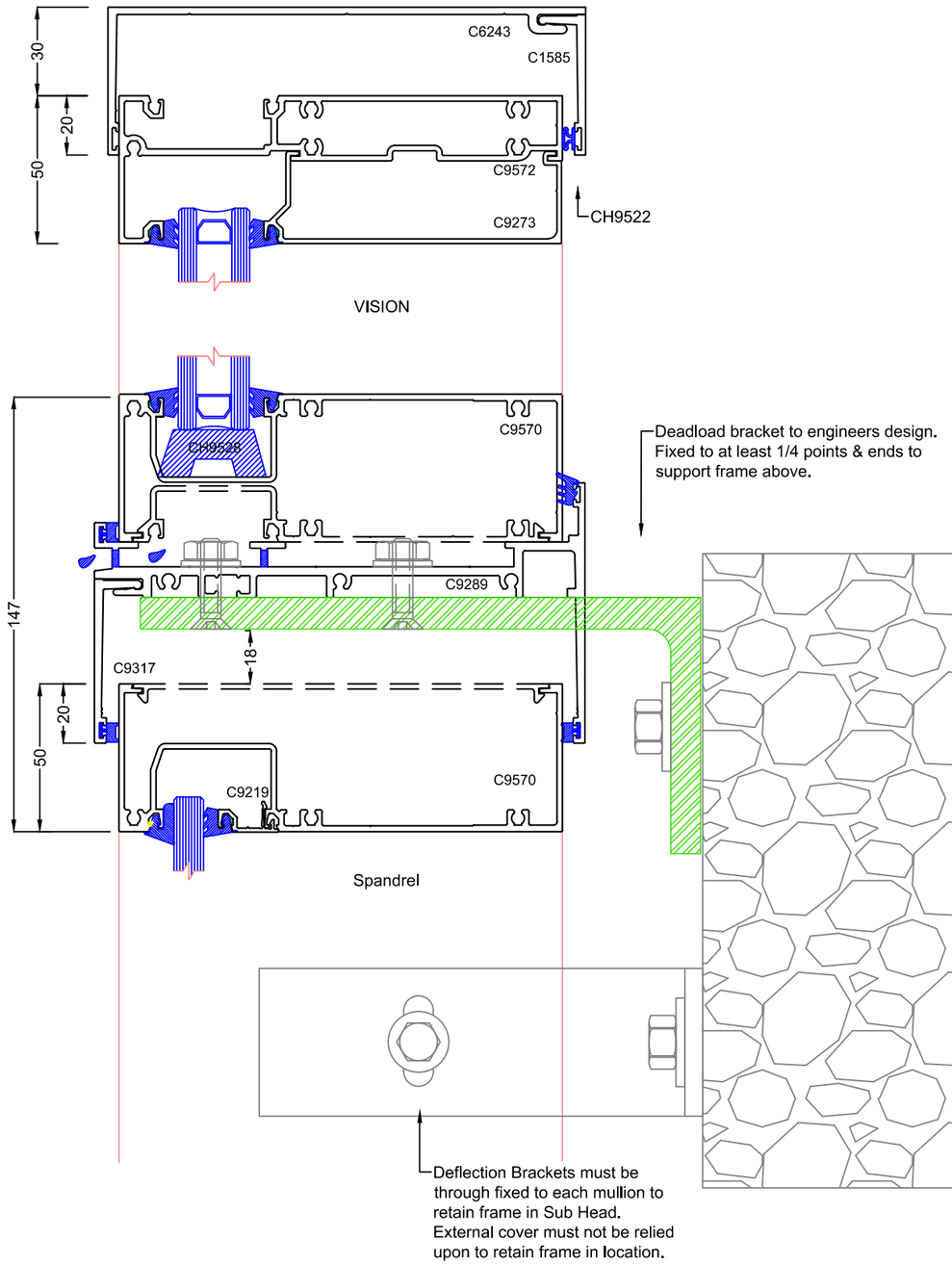


Note:

At Jambs stack head runs through 4mm to allow frame above to be fitted.
Screw fit flat sheet or flat bar to end of Stack Head to act as a end cap.

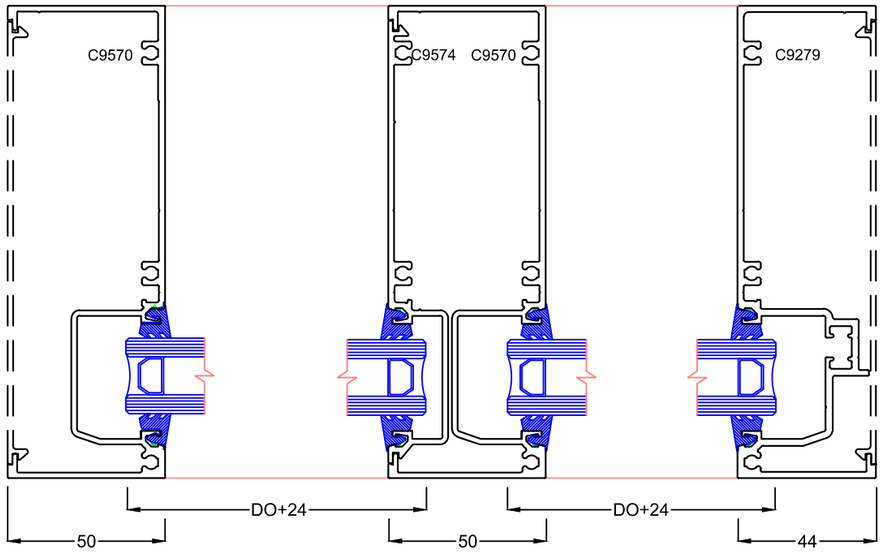
50mm Head & Sill with Stack Sub Head / Sub Sill

Used where mullion fixing isn't available on the frame above, as required by a stack joint.
The top frame is retained by a sub head & the stack sub head/sill is bracketed back to the structure to take the weight of the frame below.
Note:
(a) Deadload supporting bracket to engineers detail
(b) Deflection brackets required on every mullion. The external subhead must not be relied on alone to retain the frame in location.

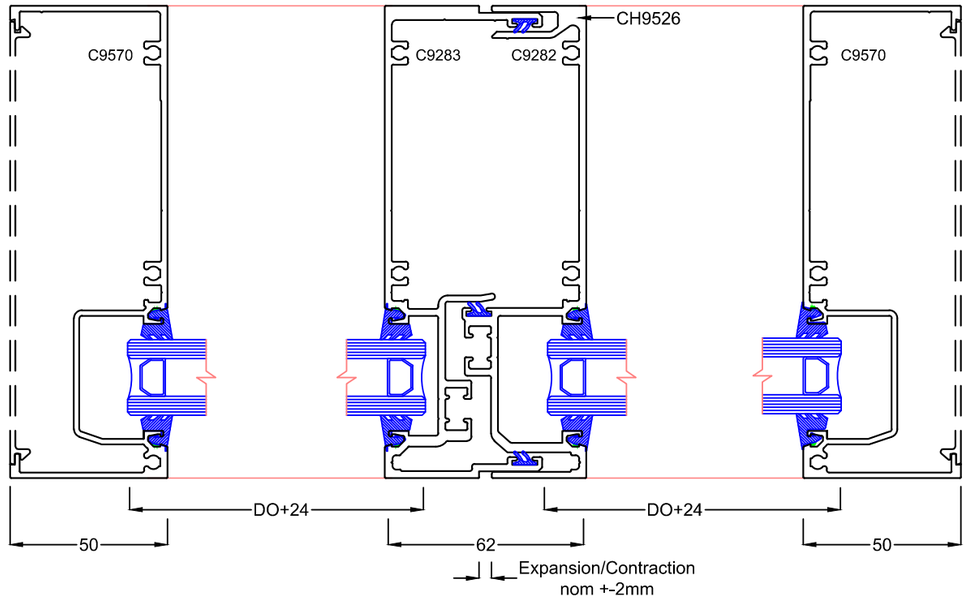


Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 9

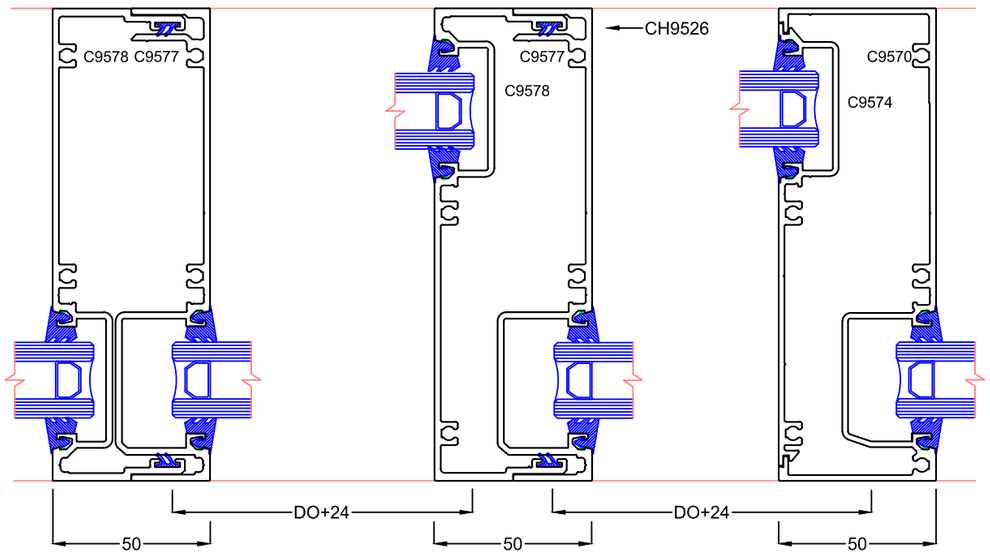
50mm Jamb / 50mm Standard Mullion / 44mm Jamb



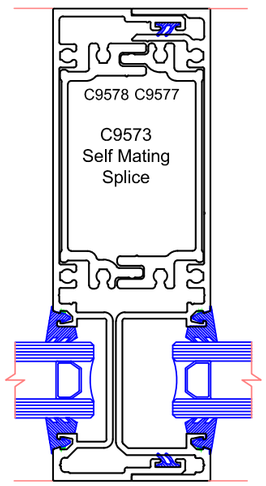
50mm Jamb / 60mm HD Mullion



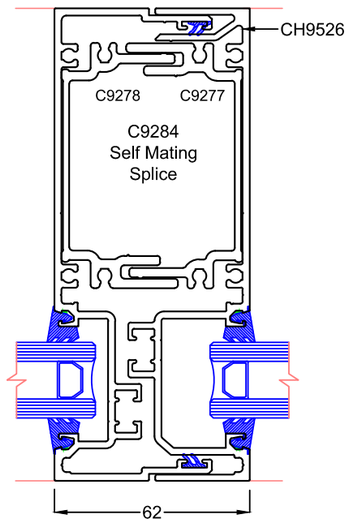
50mm Split Mullion / Front Reversed Mullion / Front Reversed Mullion



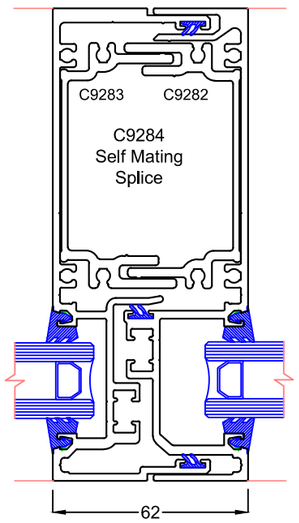
50mm Split Mullion with splice



60mm Split Mullion with splice

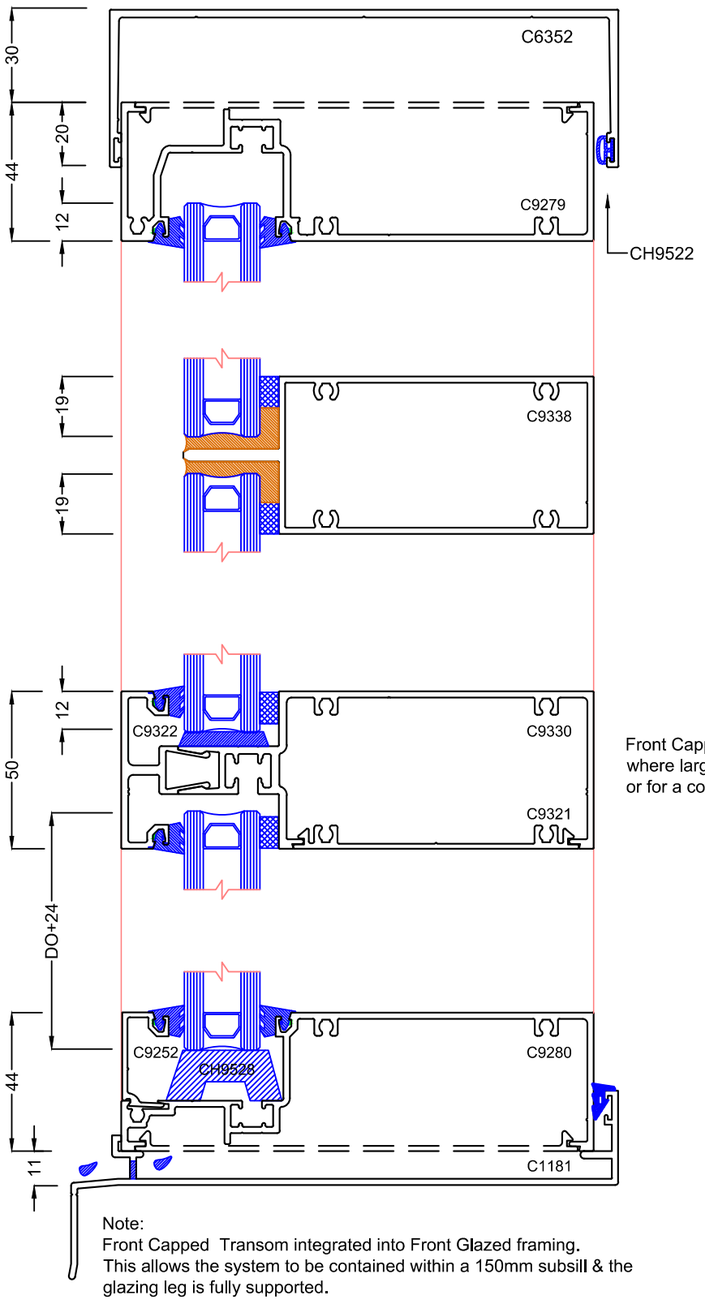


60mm HD Split Mullion with splice



C9573 splice suits 50mm mullions.
C9284 can be also be stripped down to suit.
Splices can be used full length to provide additional strength in the mullion configurations shown, or in short lengths where mullions are being joined or as backing behind brackets.

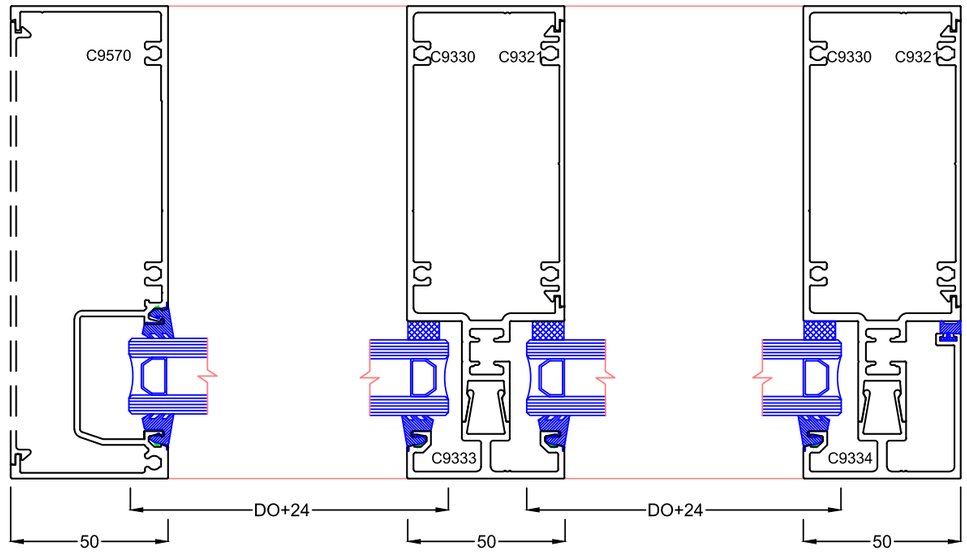
Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 10
150mm Front Capped Transoms
integrating with Front Glazed Head & Sill



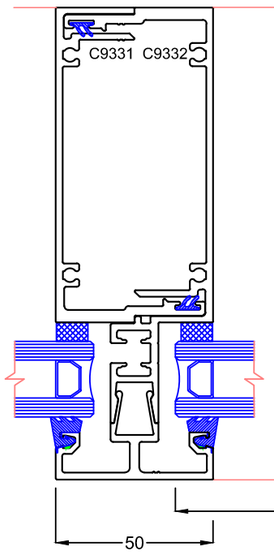
Front Capped Transom can be integrated where large panels need to be glazed or for a contrasting external colour.

Note:
Front Capped Transom integrated into Front Glazed framing.
This allows the system to be contained within a 150mm subsill & the glazing leg is fully supported.

50mm Front Glaze Jamb
50mm Front Capped Mullion
50mm Front Capped Jamb

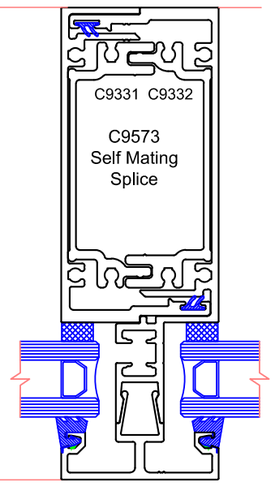


50mm Split Capped Mullion



Note:
Front Capped jambs & mullions can be integrated with 150 Front Glazed framing.

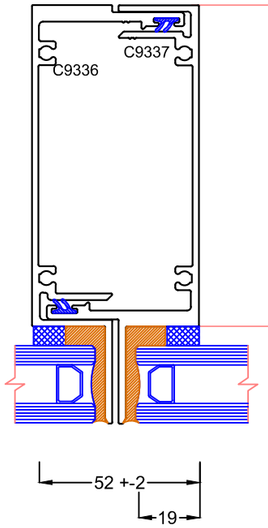
50mm Split Capped Mullion with splice



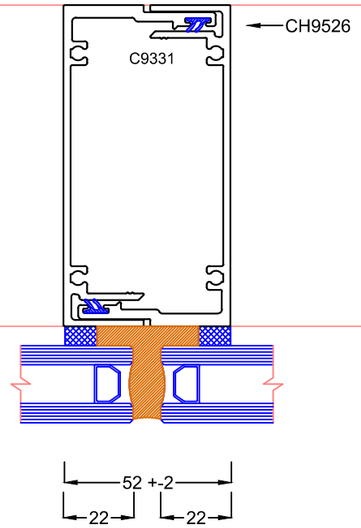
C9573 splice suits 50mm mullions.
C9284 can be also be stripped down to suit.
Splices can be used full length to provide additional strength in the mullion configurations shown, or in short lengths where mullions are being joined or as backing behind brackets.

Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 11

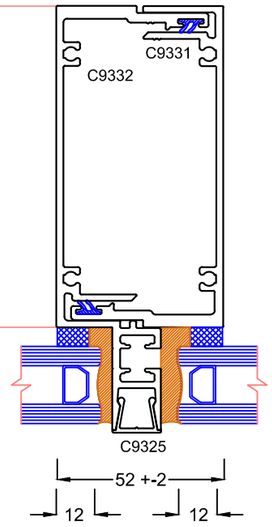
Structural Glazed Mullion



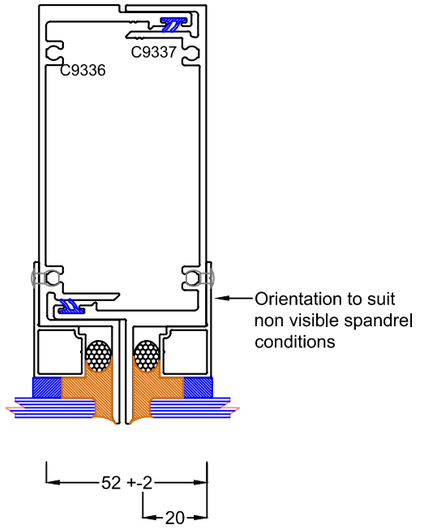
Blind Mullion

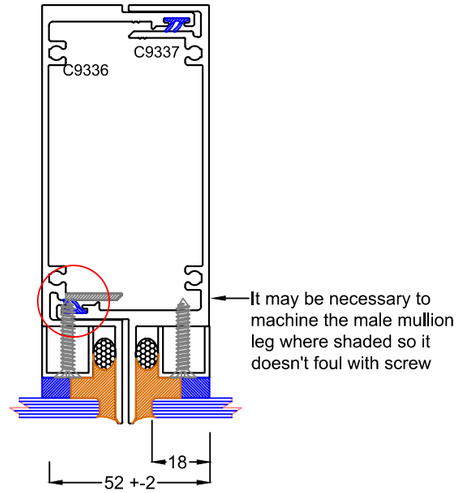


Structural Mullion



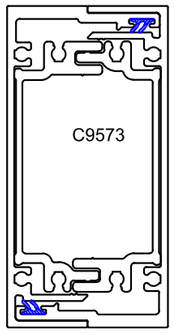
Structural Spandrel Details





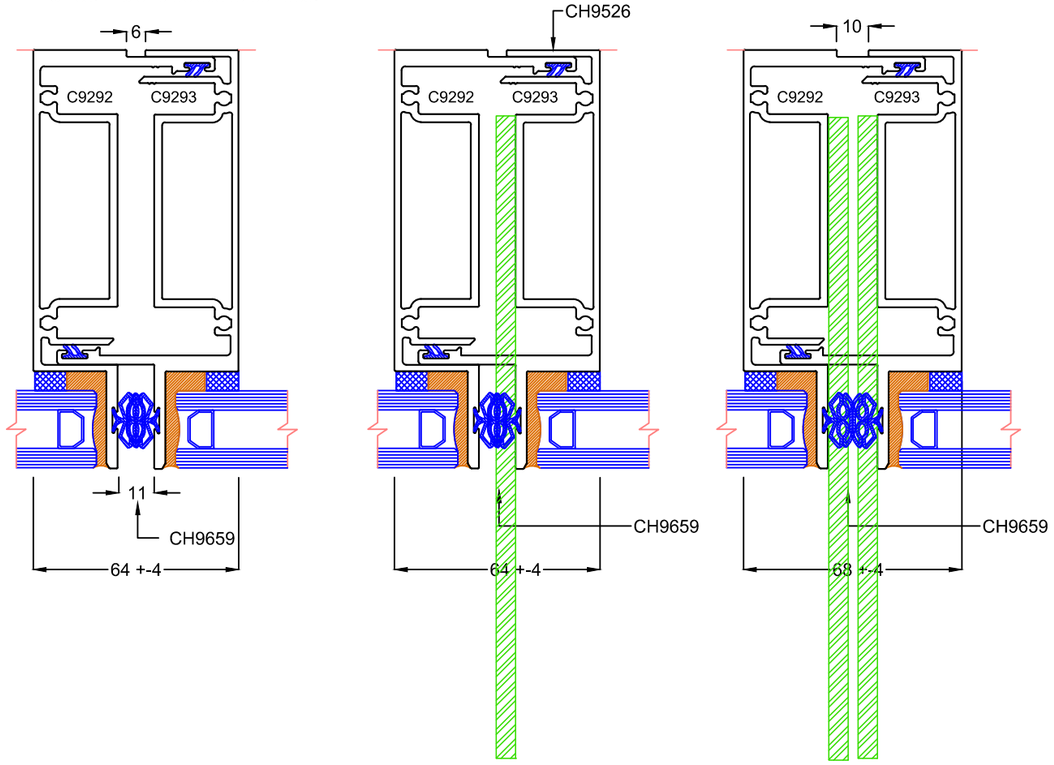
Splice Detail

C9573 is designed to suit 150 x 50mm Front Glazed 50mm split mullions

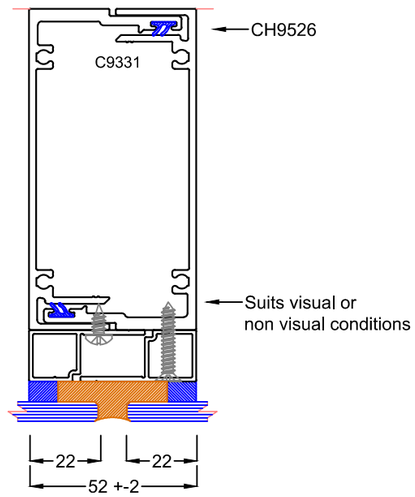


Structural Shadescreen Mullion

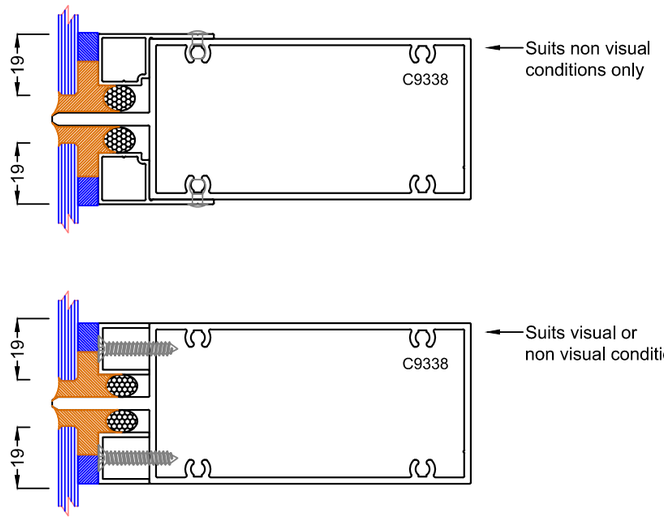
May be used for additional strength over the standard split mullion but allows one or two vertical fins or brackets to be fitted.



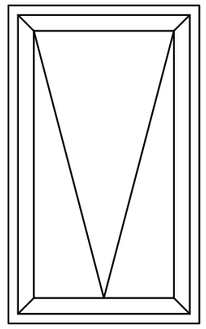
Blind Mullion Spandrel Details



Transom Spandrel Details



Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 12
Inset Awning Sash

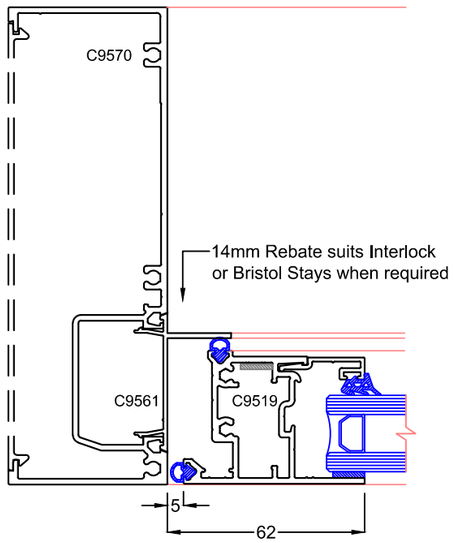


Note:
Maximum Sash weights generally are 30kg for a single chain winder & 70kg for a dual chain winder, limited by the hardware.

- Max Sash Height: 1600mm
- Min Sash Width: 450mm
- Max Sash Width: 1200mm
- Glazing: 6mm - 28mm
- Accepts Q-Lon acoustic seals

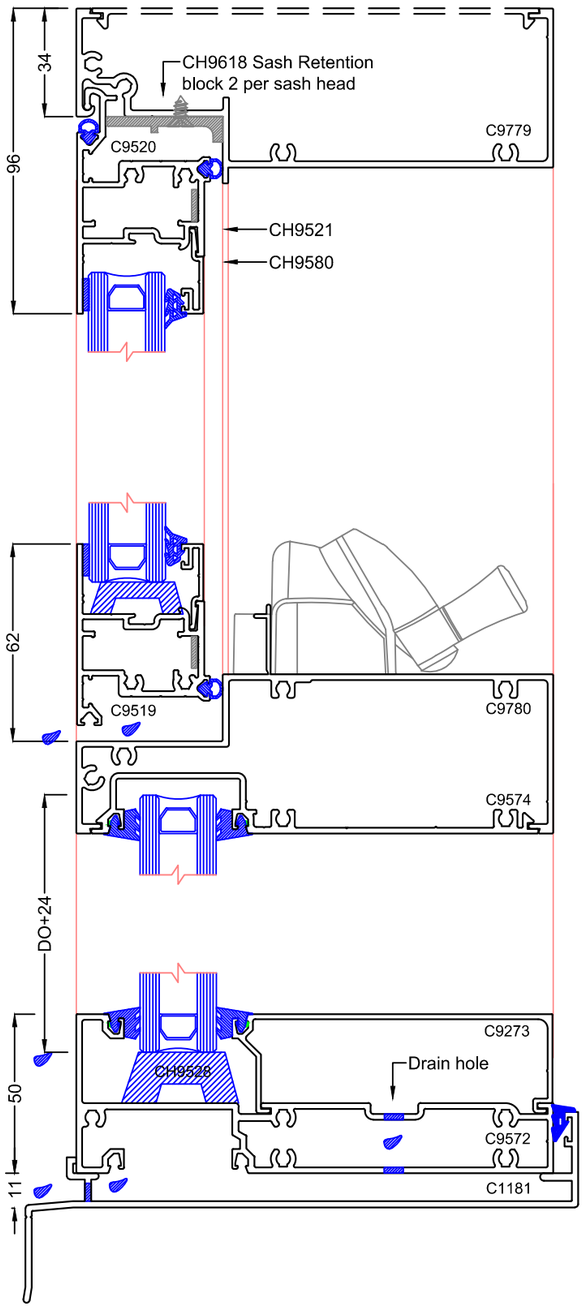
Please refer the Sashes segment in the catalogue for further information on sash limits & hardware selection.

Jamb Detail

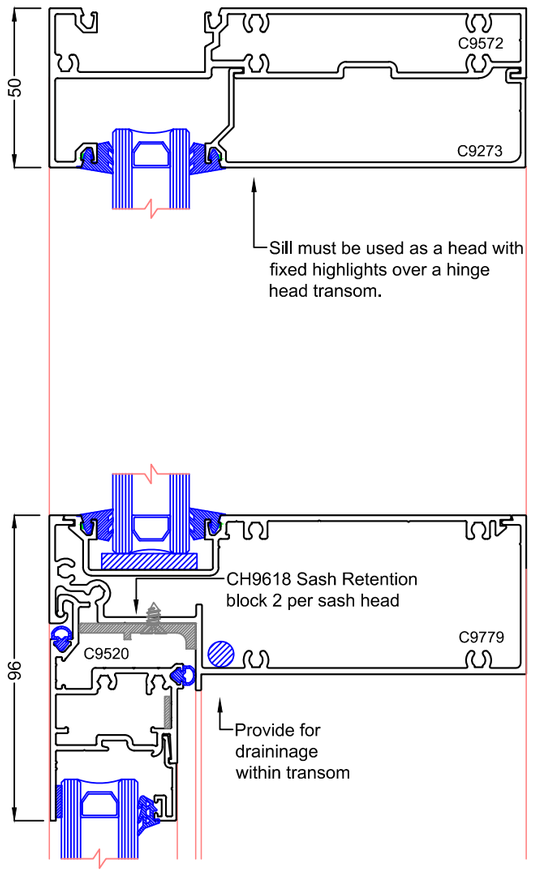


50mm Hinge Head & Winder Transom

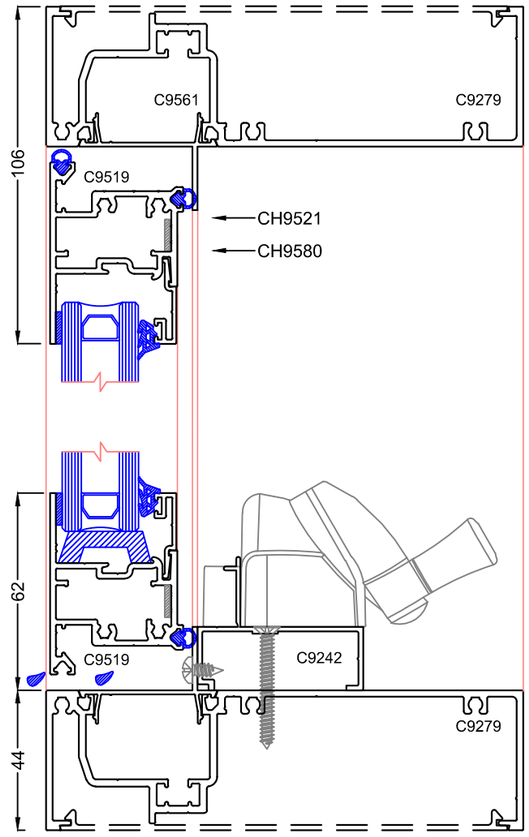
The Sash depicted has a hinge head & does not require awning stays & is thus a very economical & efficient awning Sash.
The Hinge Head & Winder sill may also be used with the overlap Sash C9241 which requires stays (refer similar details in 100 Front Glaze.



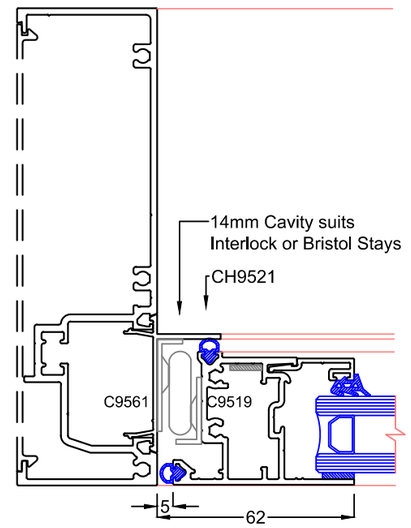
Hinge Head Transom



44mm Head & Sill with stays

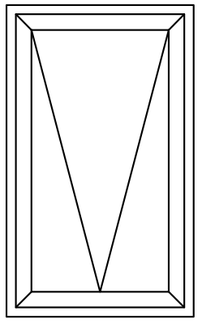


44mm Jamb with inset sash on stays



Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 13

46mm Overlap Awning Sash

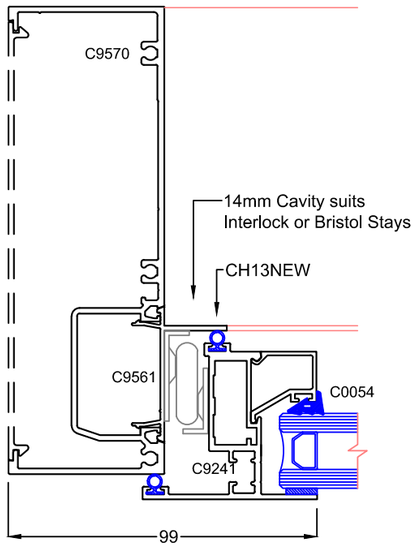


Note:
The Overlap Sash depicted requires awning stays but elegantly suits the hinge head & winder sill.
This Sash is depicted as it matches the glass thickness of the frame.
Maximum Sash weights generally are 30kg for a single chain winder & 70kg for a dual chain winder & 70kg with stays.

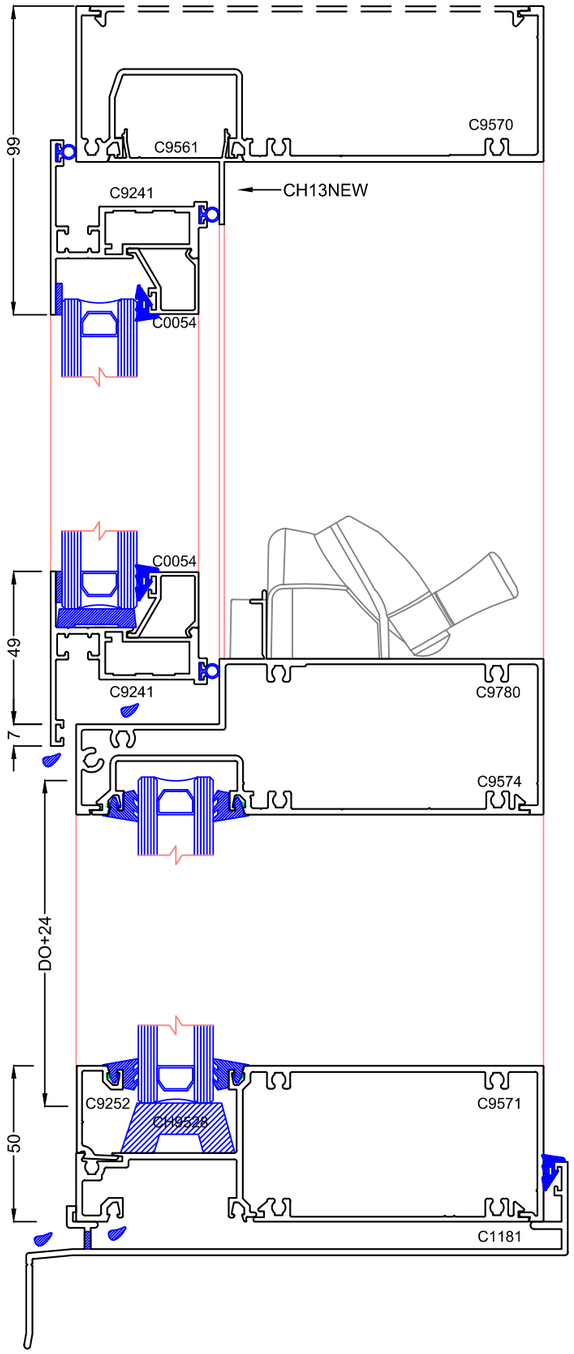
- Max Sash Height: 1600mm
- Min Sash Width: 450mm
- Max Sash Width: 1200mm
- Glass: 6mm - 35mm
- Accepts Q-Lon acoustic seals

Please refer the Sashes segment in the catalogue for further information on sash limits & hardware selection.

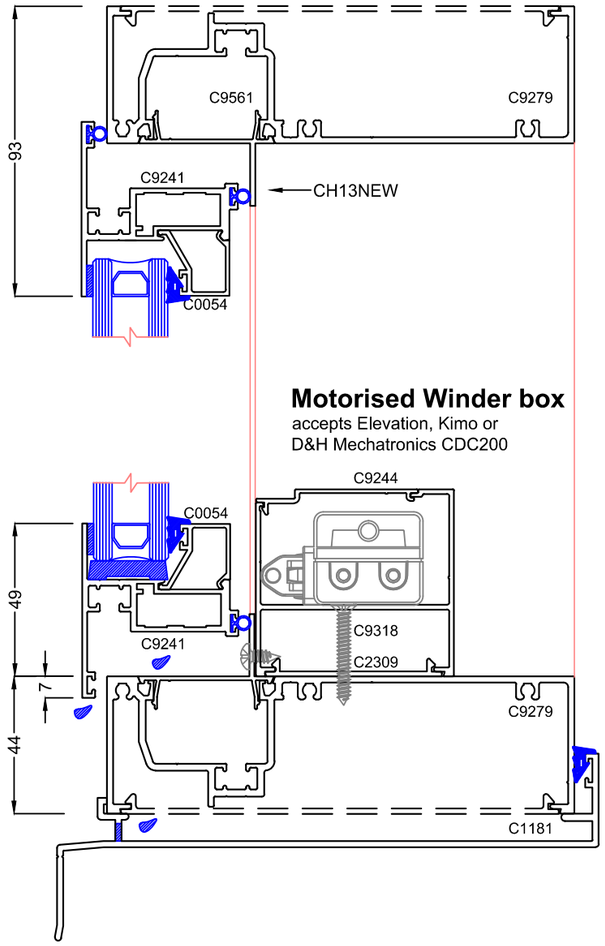
50mm Jamb



50mm Head & Winder Transom



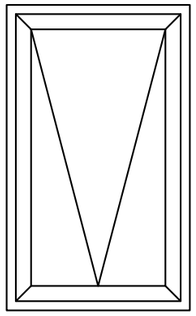
Alternative 44mm Head & Sill
with Motorised remote winder



Motorised Winder box
accepts Elevation, Kimo or D&H Mechatronics CDC200

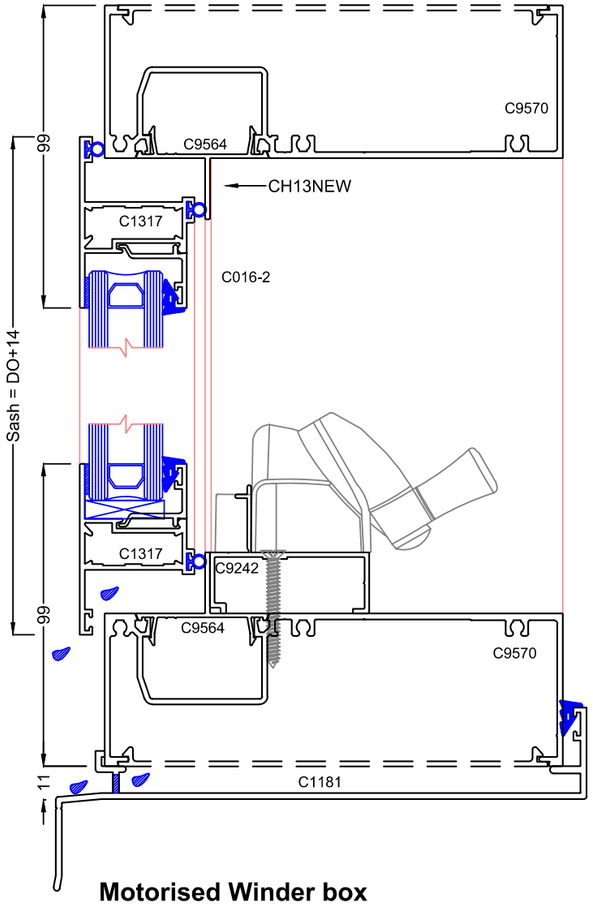
Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 14

35mm Overlap Awning Sash

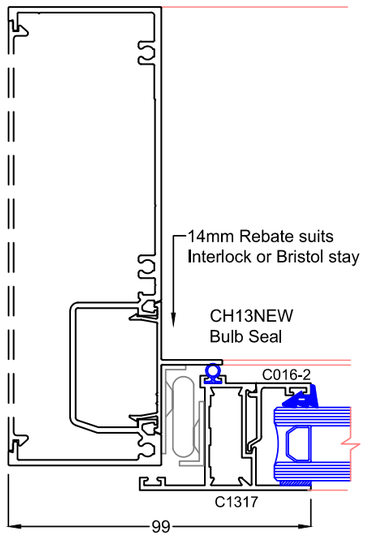


Note:
Maximum Sash weights generally are 30kg which is limited by the hardware. Please refer the Sashes segment in the catalogue for further information on sash limits & hardware selection.

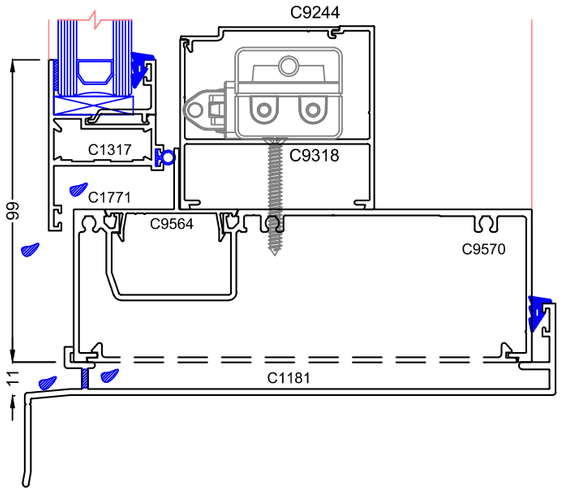
50mm Head & Sill



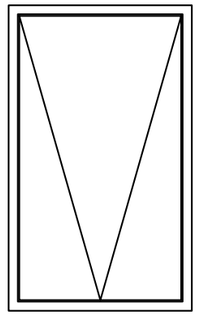
50mm Jamb



Motorised Winder box
accepts Elevation, Kimo or D&H Mechatronics CDC200



Structural Glazed Awning Sash

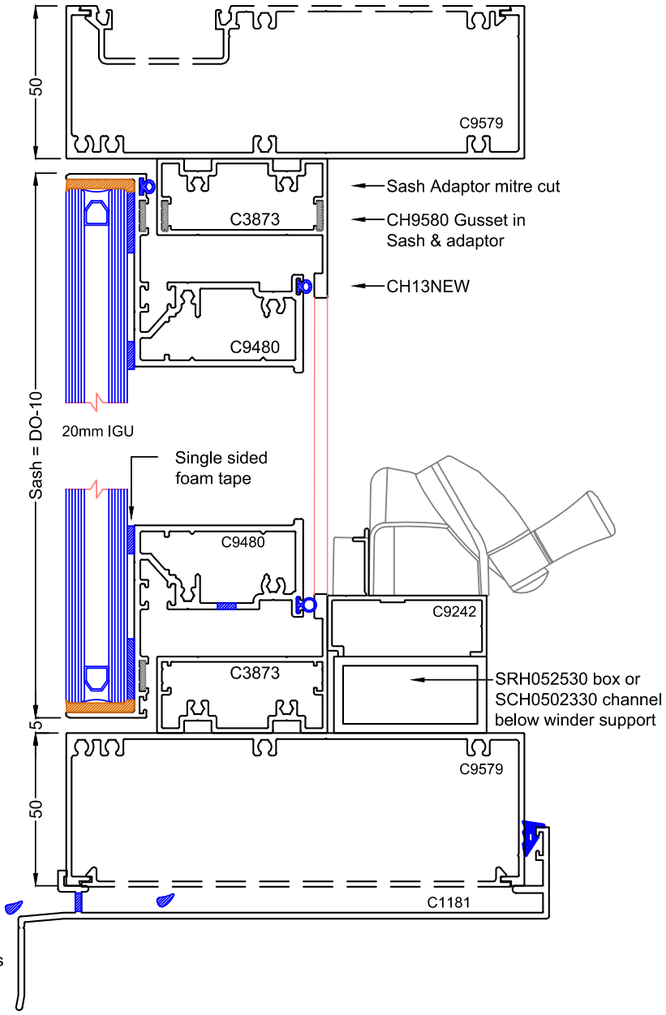


Note:
C9480 Sash requires 20mm IGUs with 3M VHB tape, so that the external face of glass aligns with the IGU in the fixed framing.

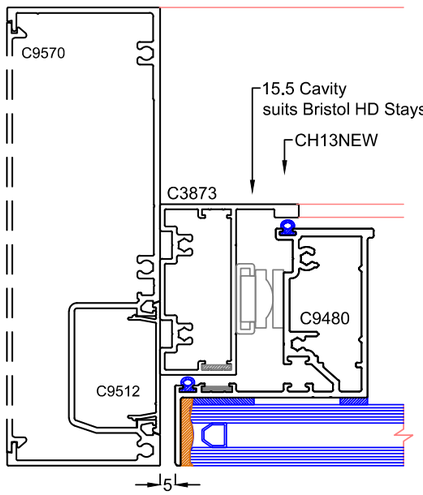
- Accepts Bristol HD Stays, 90kg limit
- Max Sash Height: 1800mm
- Min Sash Width: 450mm
- Max Sash Width: 1200mm
- Glass 16mm - 29mm
- Accepts Q-lon acoustic seals

Please refer the Sashes segment in the catalogue for further information on sash limits & hardware selection.

50mm Head & Sill

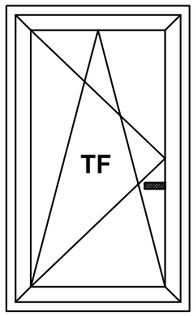


50mm Jamb



Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 15

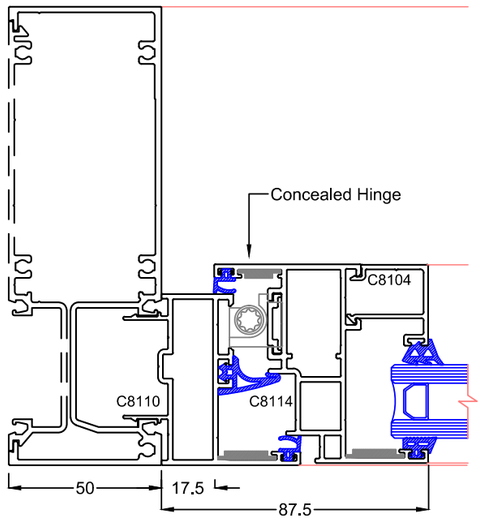
Tilt & Turn Sash (Tilt First)



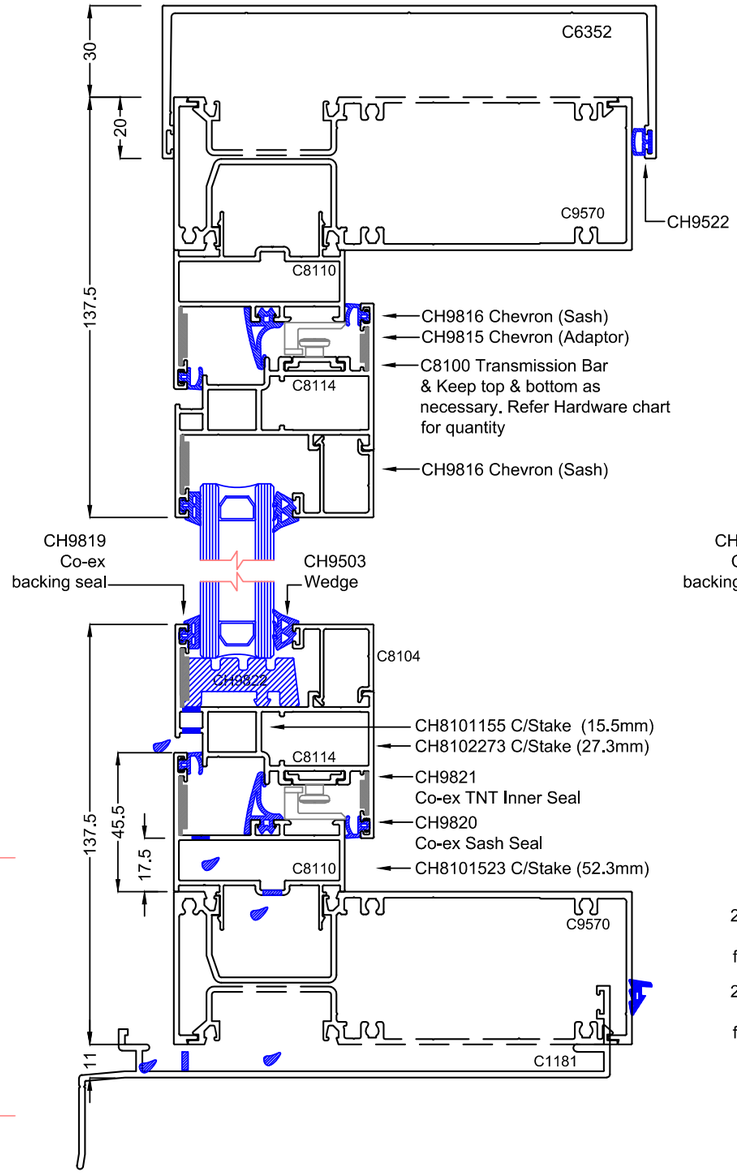
Note:
- Maximum Sash weights generally are 150kg with concealed hardware. Refer Hardware specification
- Heavier hardware options are available
- handle Operated key locking
- Initial tilt in, then key override to hinge as standard function
- Sash height must exceed Sash width. - a tilt only option may be available in this condition
- Min Sash Height: 555 (590 daylight opening)
- Min Sash Width: 500 (590 daylight opening)
- Max Sash Width: 1300 (1335 daylight opening)
- 150kg sash weight
- Glass: 24-28mm IGU

Please refer the Sashes segment in the catalogue for further information on sash limits & hardware selection.

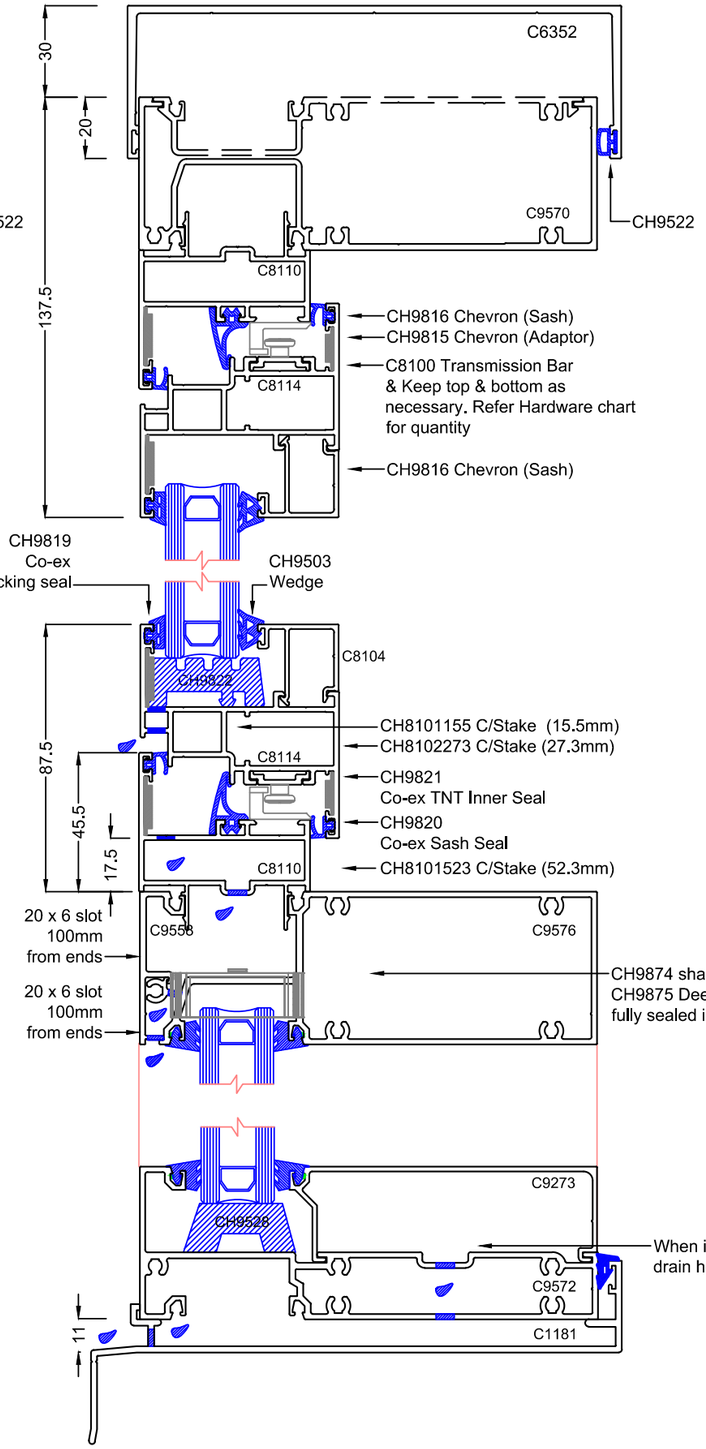
Jamb Detail Hinge side



Head & Sill Detail

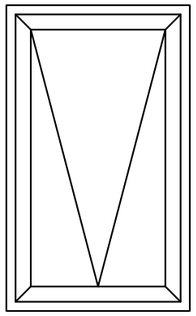


Tilt & Turn Sash with drained Transom



Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 16

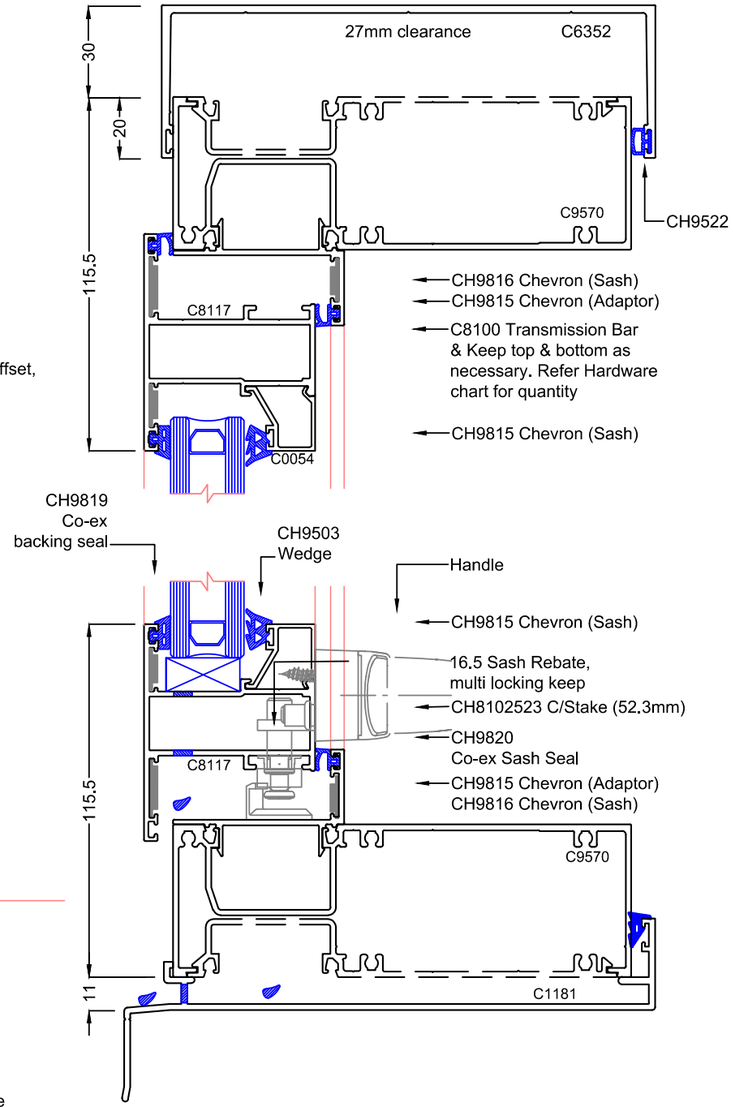
Multi Locking Awning Sash



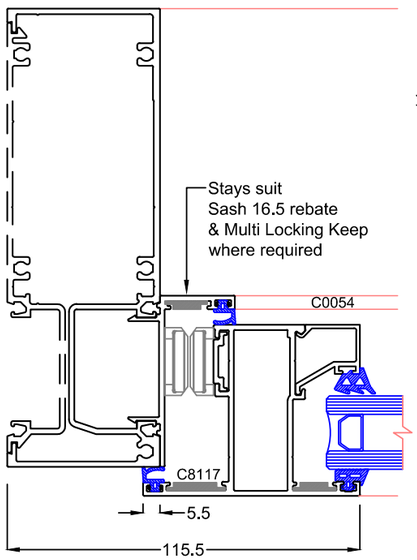
Note:
- Adapts to Max 100 Centre Glazed, 150 Offset, 100 & 150 Front Glazed
- Maximum Sash weights generally are 130kg Refer Hardware specification
- handle Operated key locking & multi locking
- Not recommended for use with winders
- Max Sash Height: 2100mm
- Max Sash Width: 1200mm
- Glass: 24-28mm IGU

Please refer the Sashes segment in the catalogue for further information on sash limits & hardware selection.

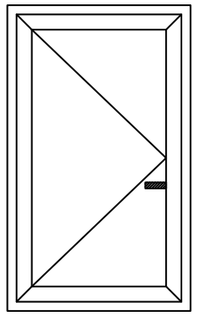
50mm Head & Sill



Jamb Detail Hinge side



Multi Locking Casement Sash

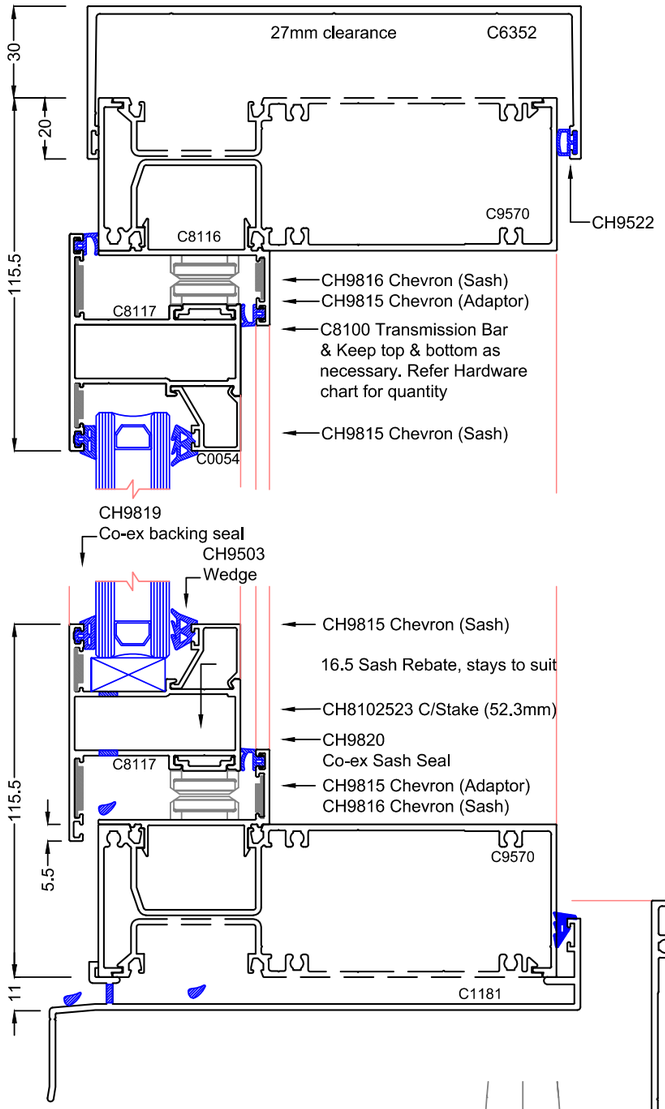


Note:
Left Hand Sash depicted.
- Maximum Sash weights generally are 72kg with HD casement stays Refer Hardware specification
- handle Operated key locking
- Multi Locking points available for security & strength
- Max Height 2100mm
- Max width 900mm
- Glass: 24-28mm IGU

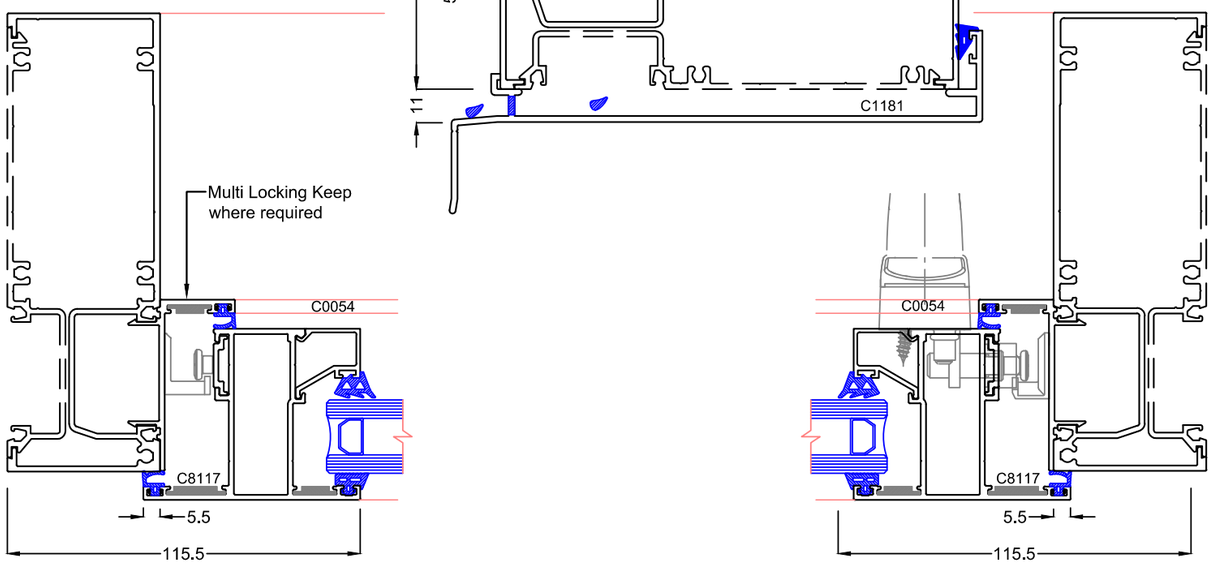
Please refer the Sashes segment in the catalogue for further information on sash limits & hardware selection.

Multi locks are only required over a specific sash height & can contain multiple locking points. when used on awnings they are fitted to both sides.

50mm Head & Sill

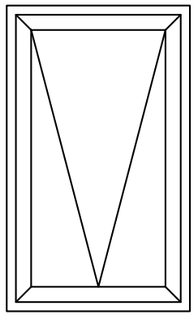


Jamb Detail Hinge side



Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 17

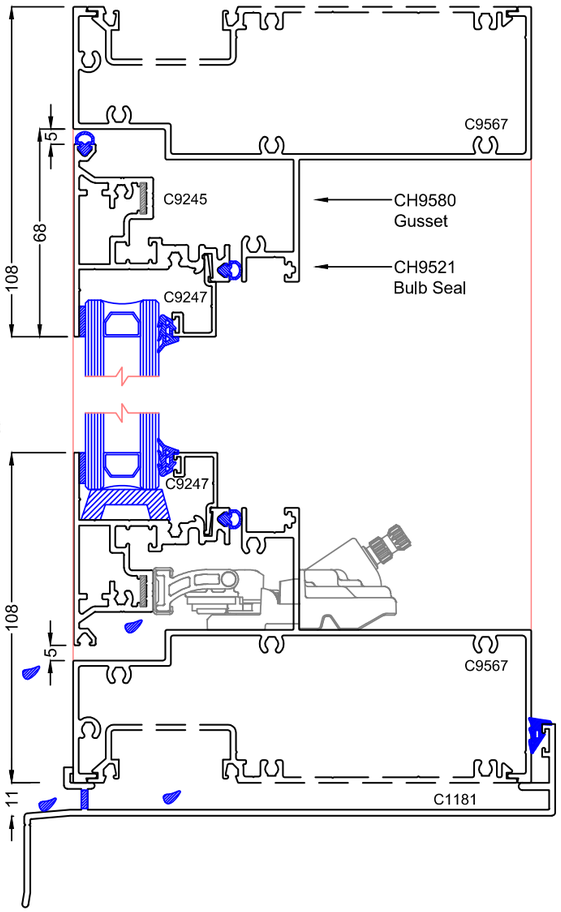
Truth Awning Sash



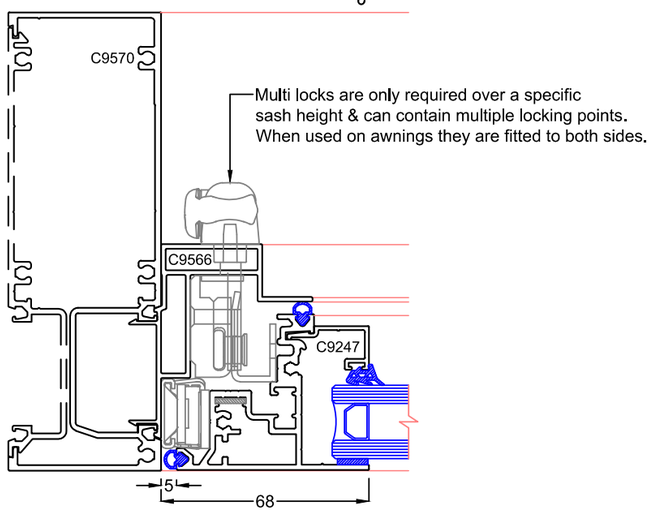
Note:
Maximum Sash weights generally
up to 100kg, limited by the hardware.
- Maximum Sash height 2100mm
- Sash width dependant on Sash height
- Multi-lock should be used on Sashes
- over 1600mm high.

Please refer the Sashes segment in
the catalogue for further information
on sash limits & hardware selection.

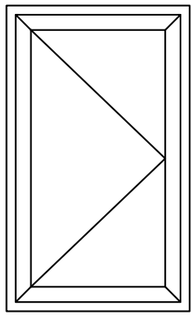
Truth Awning Sash Head & Sill



50mm Jamb



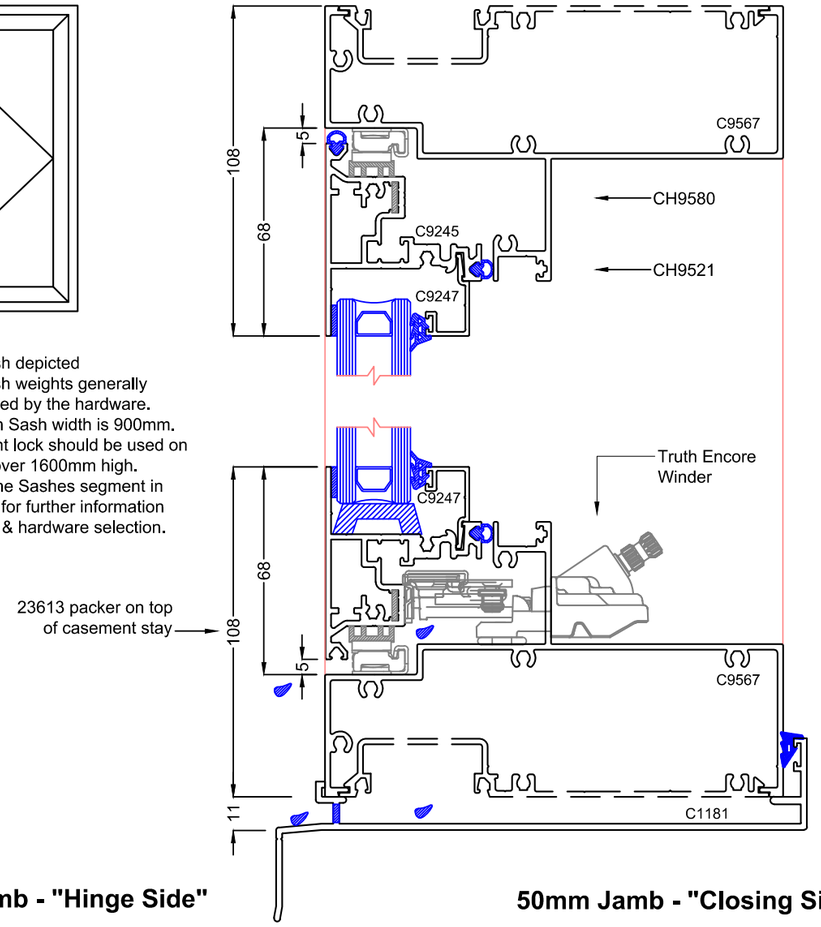
Truth Casement Sash



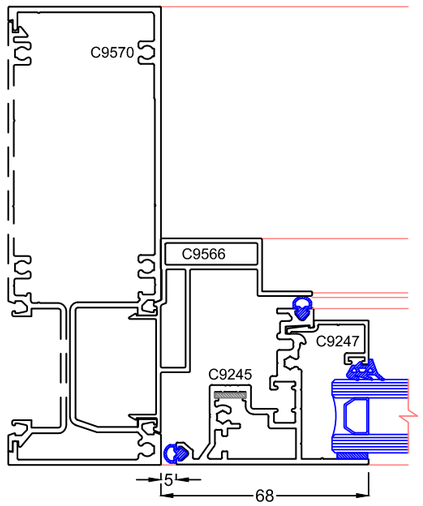
Note:
Left Hand Sash depicted
Maximum Sash weights generally
are 50kg, limited by the hardware.
- Maximum Sash width is 900mm.
- Multi-point lock should be used on
- Sashes over 1600mm high.

Please refer the Sashes segment in
the catalogue for further information
on sash limits & hardware selection.

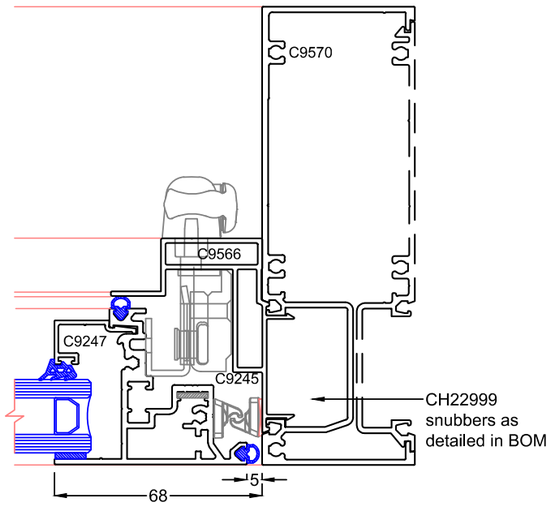
Truth Casement Sash Head & Sill



50mm Jamb - "Hinge Side"

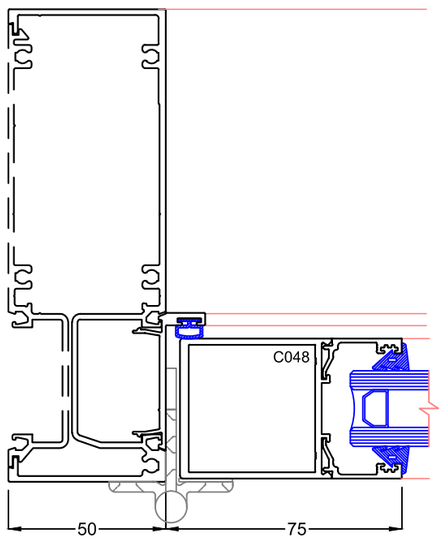


50mm Jamb - "Closing Side"

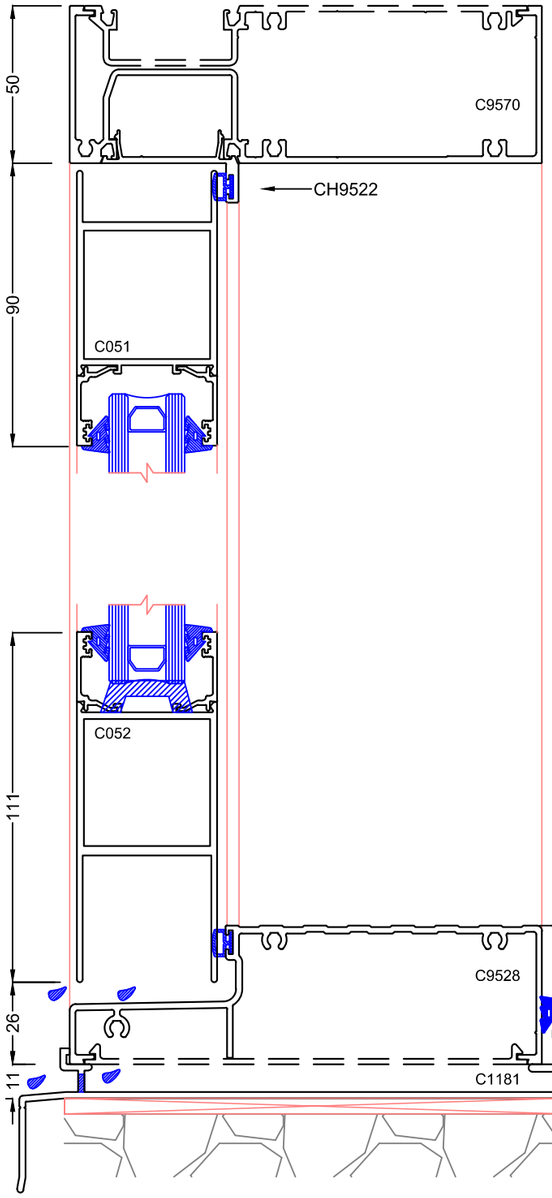


Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 18

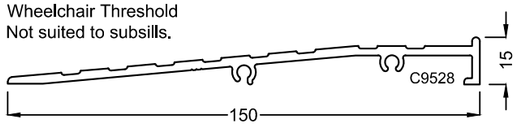
Open OUT Door



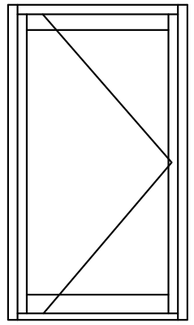
Open OUT with threshold



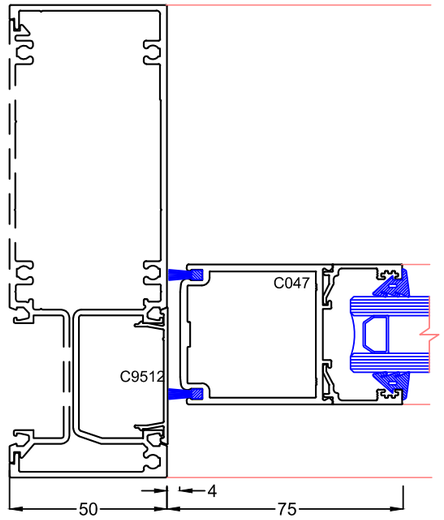
C669
Wheelchair Threshold
Not suited to subsills.



Pivot Door

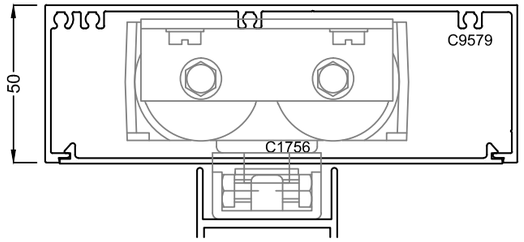


Note:
Maximum door height 2700mm
Maximum Panel width 1000mm
Pivot point usually 100mm

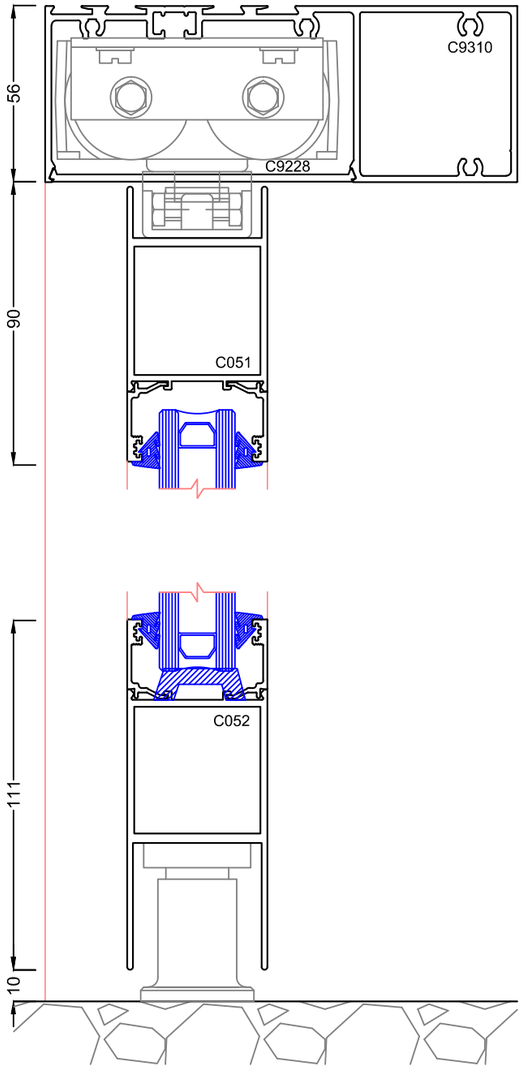


Pivot Door & Head Detail

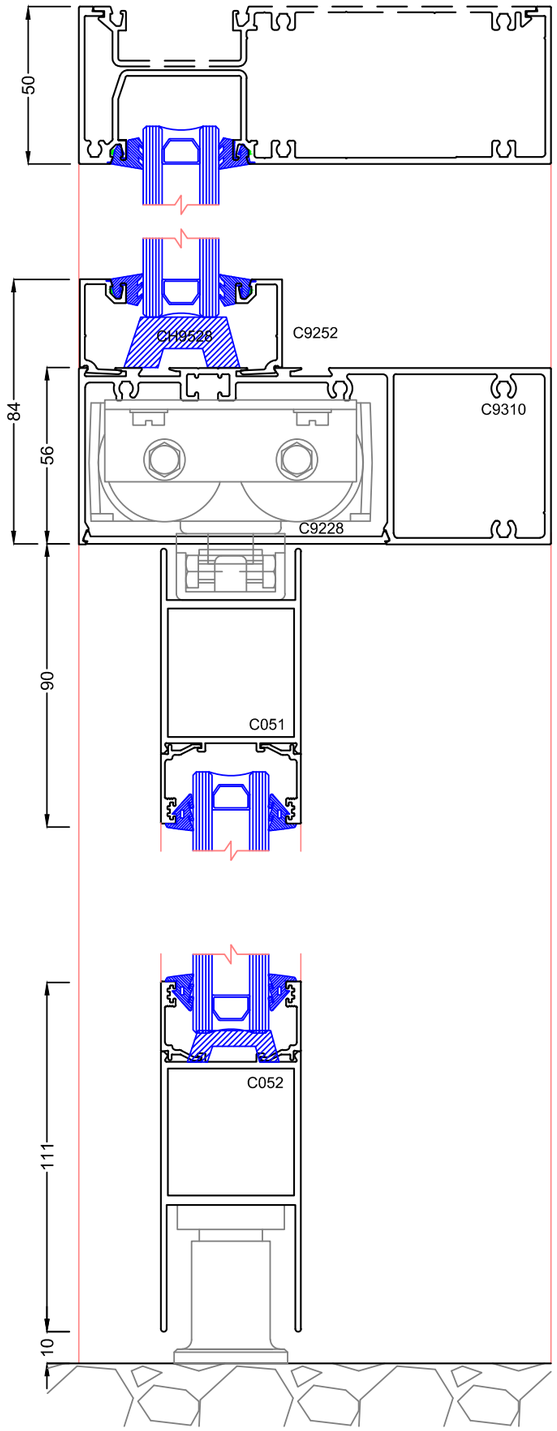
An alternative had can be C1759 plain frame & also then allows the pivot door to be positioned centrally if preferred.



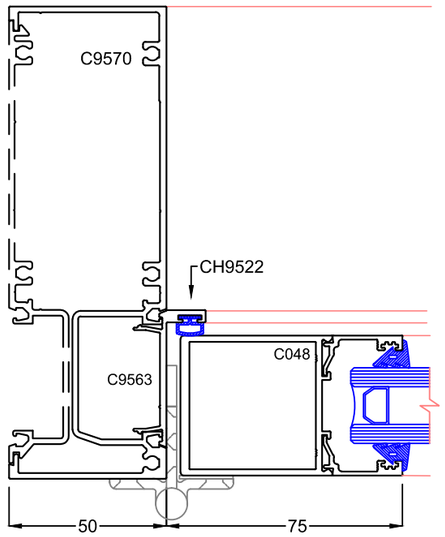
Standard Head Detail



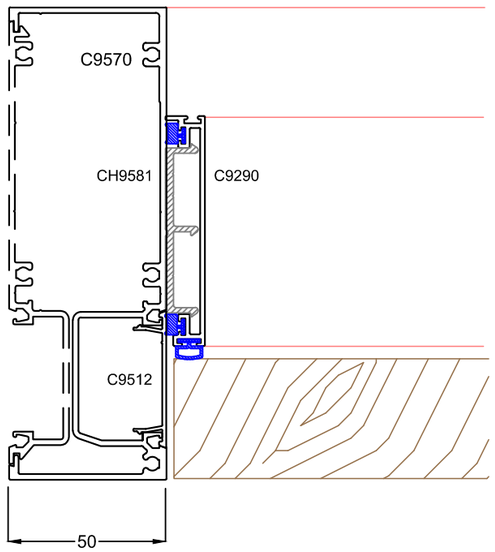
Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 19
Pivot Door & Highlight



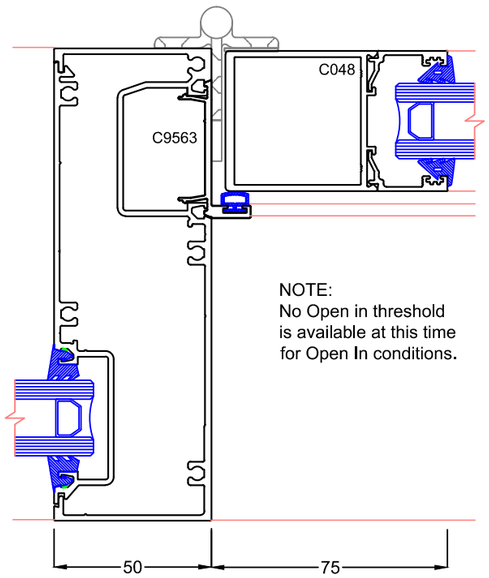
Open OUT Door & 45 door stop



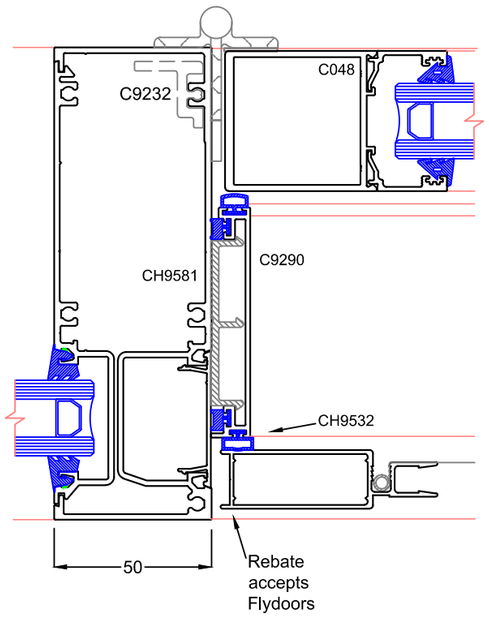
Open OUT Timber Door



Open IN Door with reversed 150 frame & door stop

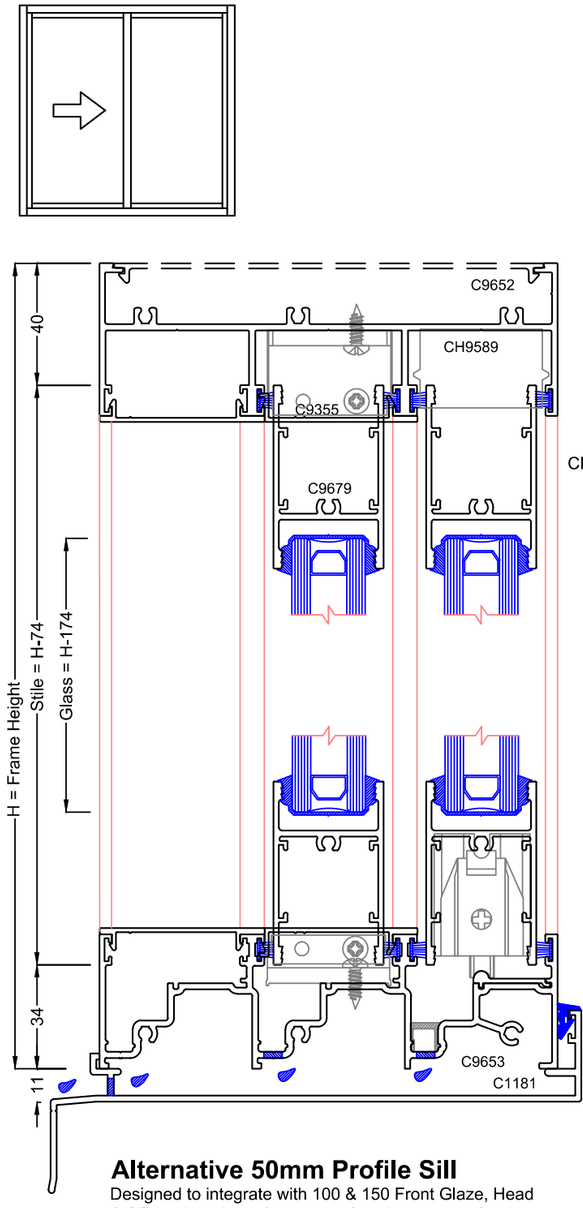


Open IN Door with conceal fixed door stop

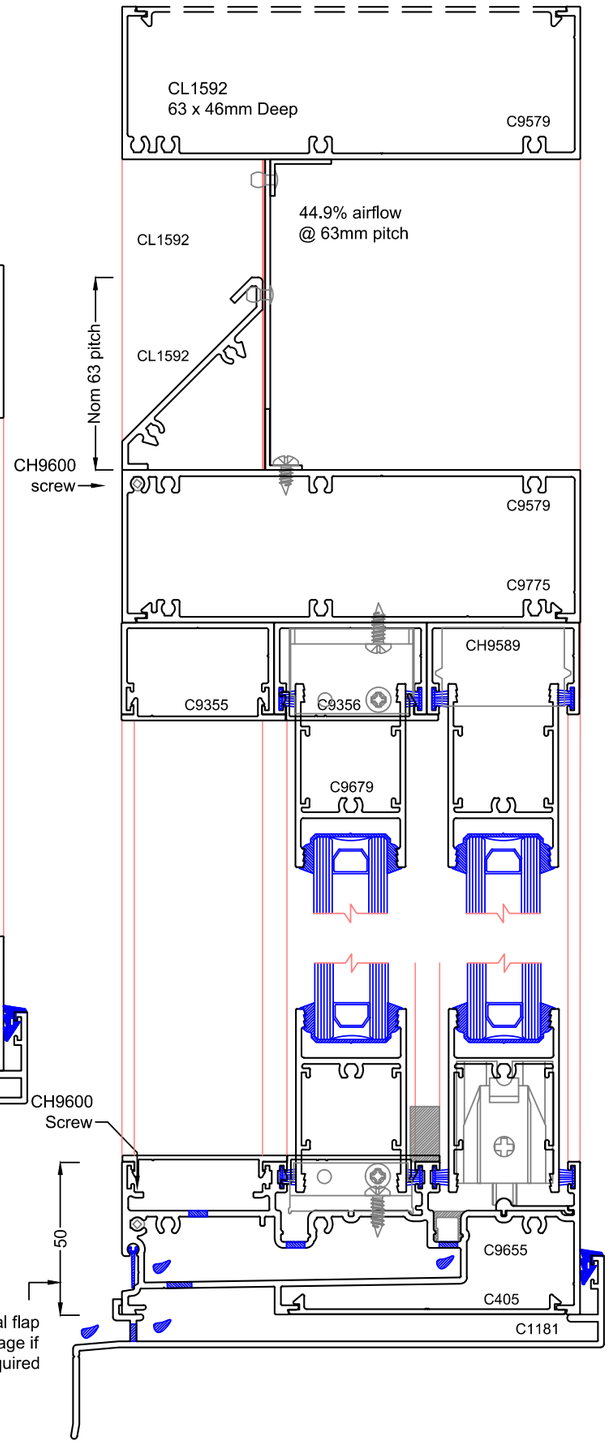


Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 20

Max Sliding Door detail
When using conventional C9650 Jamb (Detail A)

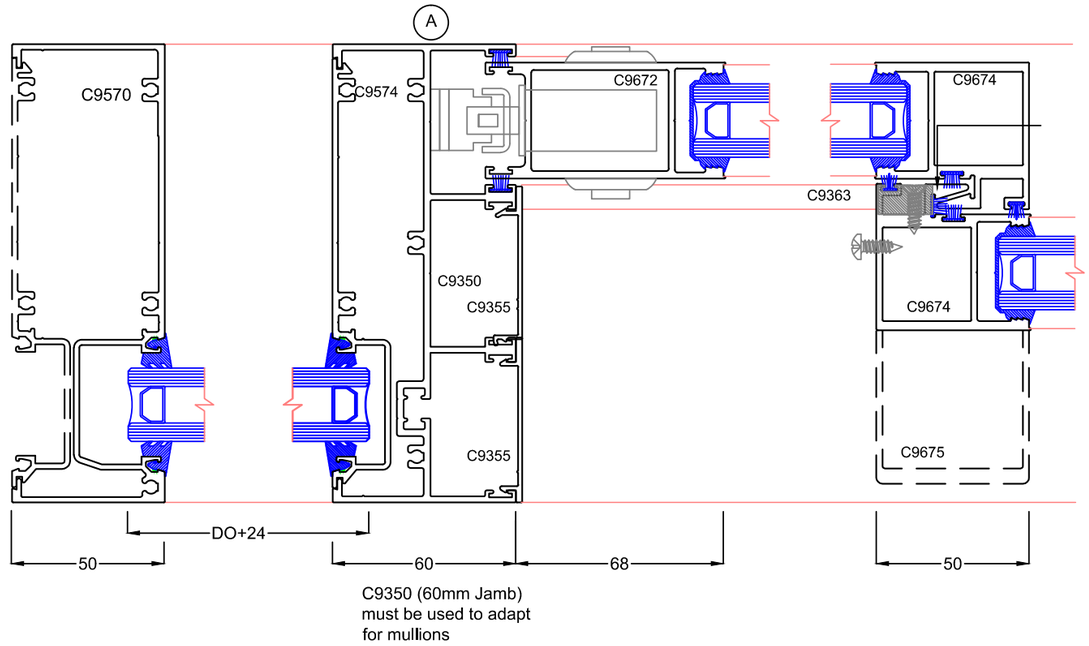


Transom Door detail
Using 50mm Sill & transom to suit Louvres (Detail B)



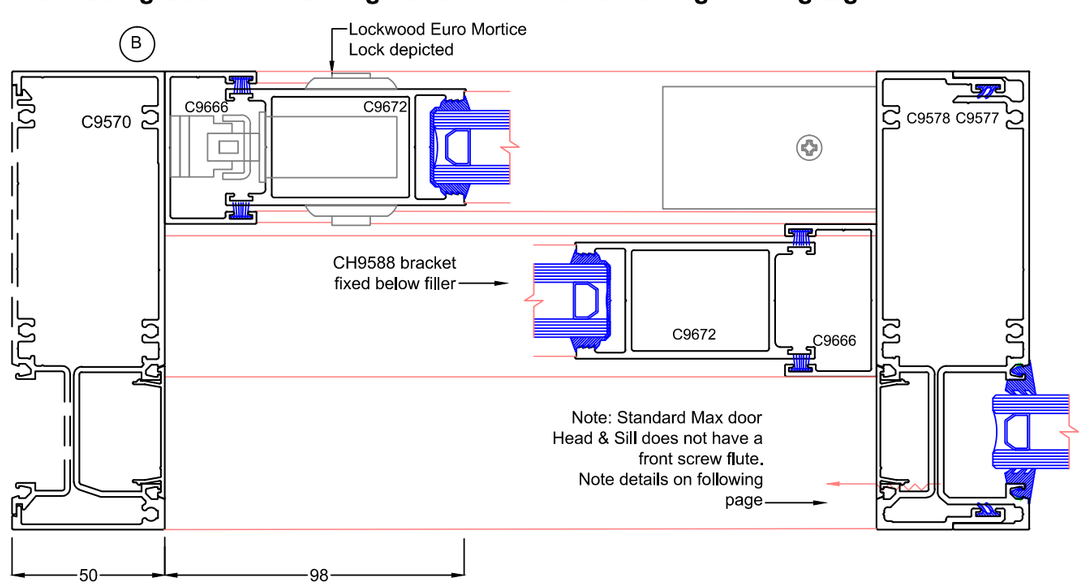
Alternative 50mm Profile Sill
Designed to integrate with 100 & 150 Front Glaze, Head & Sill sections have front screw locations to couple with Front Glaze Jamb & mullion extrusions, specifically where highlights are used (& thus the pocketed jambs / mullions are continuous.

Max Sliding Door coupled to 150mm Framing

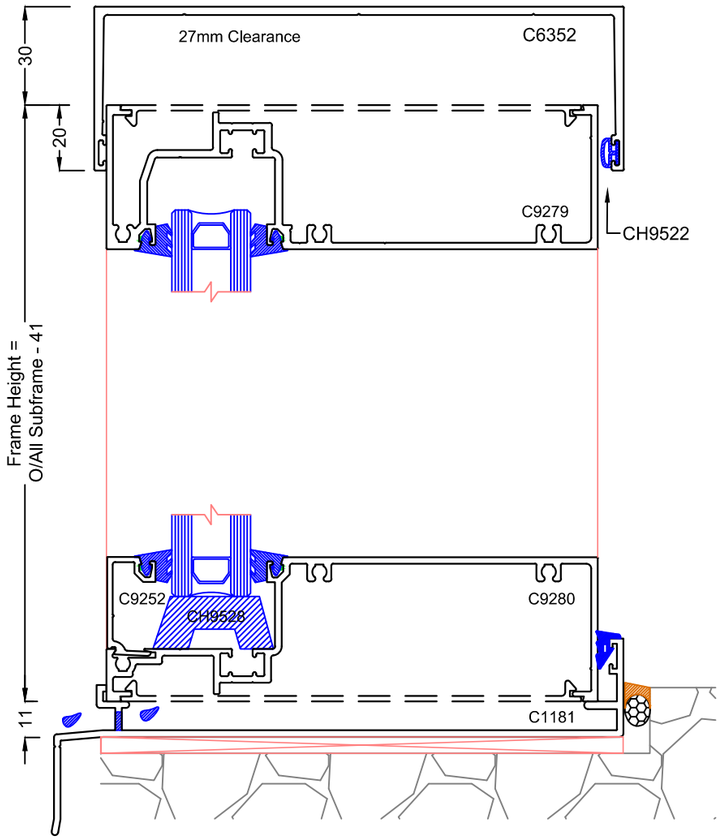


C9350 (60mm Jamb) must be used to adapt for mullions

Max Sliding Door with Closing Jamb in 100 Fixed framing with highlight



Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 21
One Piece Sub Head & Subsill



The use of Sub frames & subsills

Commercial window systems are designed for drainage through the system. Horizontal members act as "gutters", collecting water & allowing it to flow to Vertical members which act as "downpipes".

It then becomes mandatory to adequately flash frames at the sill - this can be done via a folded flashing, impervious rebate, but usually by the use of a subsill.

The subsill allows easy preparation of an opening & ready access to subsill fixings so they can be appropriately sealed prior to frame installation.

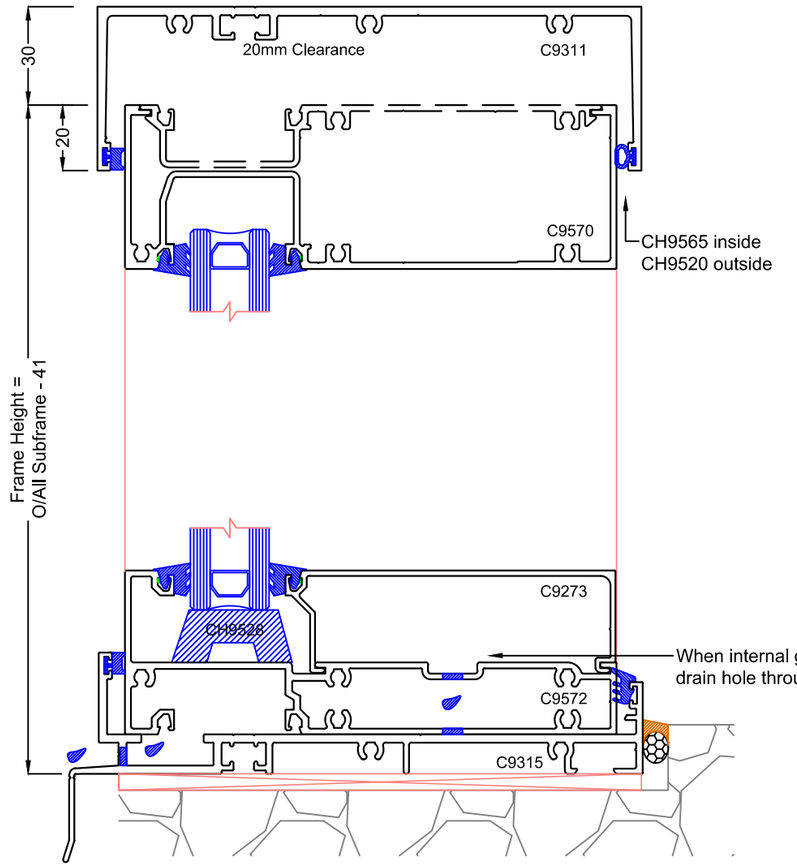
A subsill is fitted with a stop end which is sealed during installation of the subsill & contains water within the subsill. Without this, water would run to the ends of the subsill & leak back into the building.

Sub heads are used to allow for either vertical movement or as a more efficient means of installation, especially in above ground installations where it might be desirable to install frames from inside.

Sub frames likewise can be used in this situation, but are especially needed in ventilated cavities (like cavity brick) where there is airflow that may allow water to be driven over subsill stop ends, or it is difficult to contain water within a window opening.

It must be remembered that all window installations require a continuous internal seal especially & the use of subsills & subframes are especially useful in achieving this.

One Piece Sub Head (50 face)
Using Internal Install Subsill



Internally Installed window detail

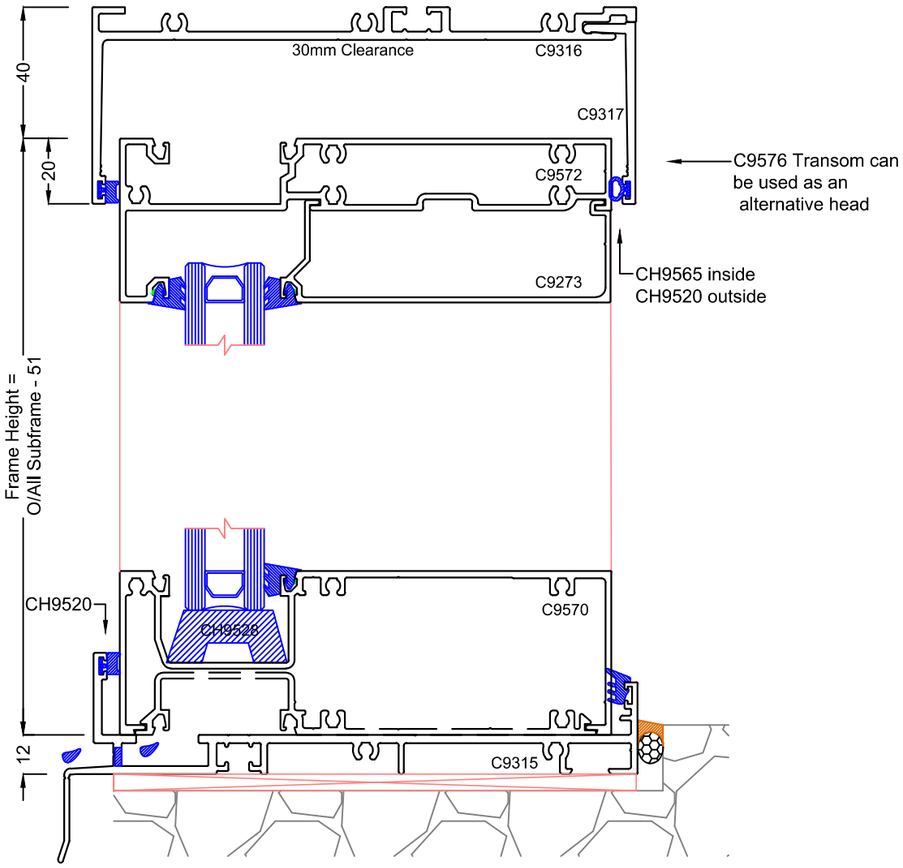
This detail depicts a 2 part sub head & unique subsill designed for internal frame installation.

With the sub head & subsill fitted, the frame has an external rebate which aids the installation of frames from inside.

The frame is angled into the subsill first where the external rebate gives it a positive alignment& is then straightened to vertical & the sub head cover fitted to captivate the head.

Depending on the application this detail can be used with a sub jamb as well.

Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 22
Two Piece Sub Head (60 face)
Using Internal Install Subsill

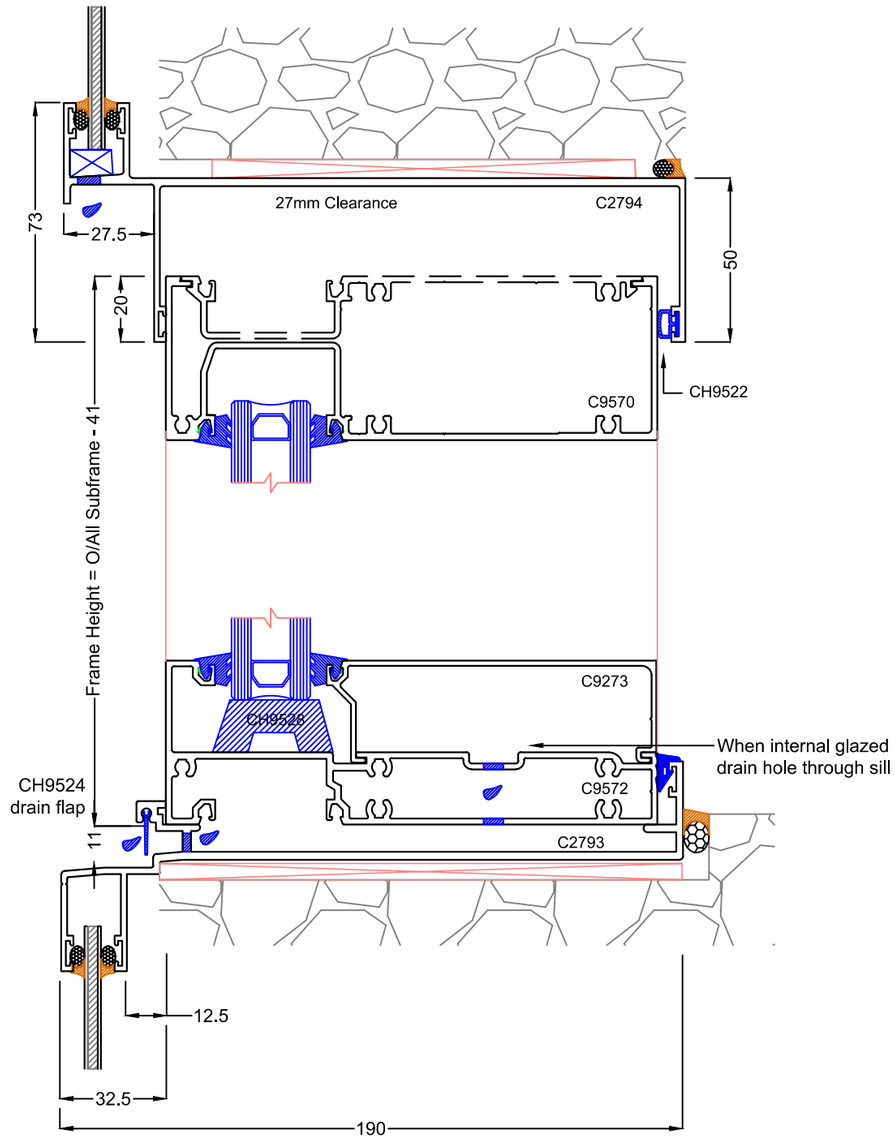


Internally Installed window detail
This detail depicts a 2 part sub head & unique subsill designed for internal frame installation.
With the sub head & subsill fitted, the frame has an external rebate which aids the installation of frames from inside.

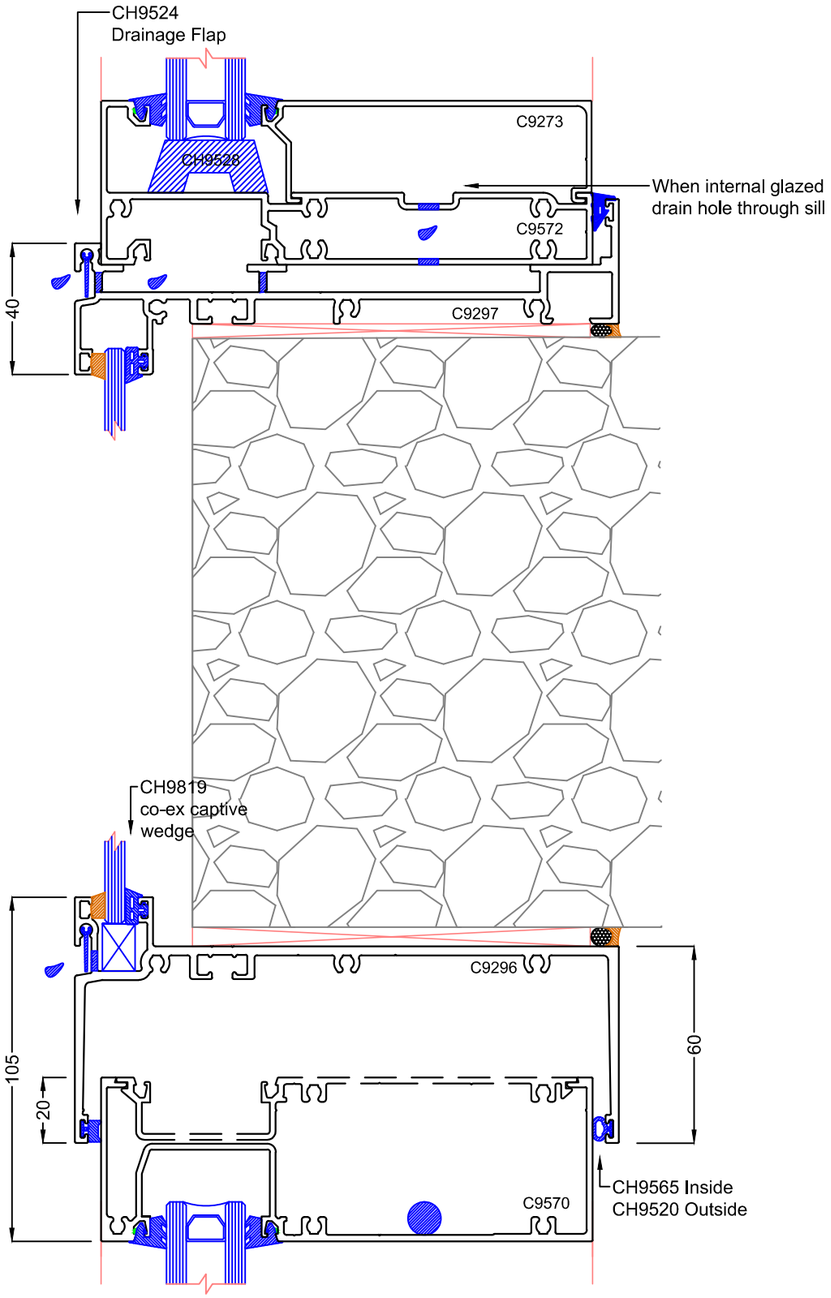
The frame is angled into the subsill first where the external rebate gives it a positive alignment & is then straightened to vertical & the sub head cover fitted to captivate the head.

Depending on the application this detail can be used with a sub jamb as well.

Spandrel Sub Head & Subsill
Spandrels areas above or below frames can be captured by the Spandrel sub frames & suits 6mm glazing, aluminium sheet or composite panels.

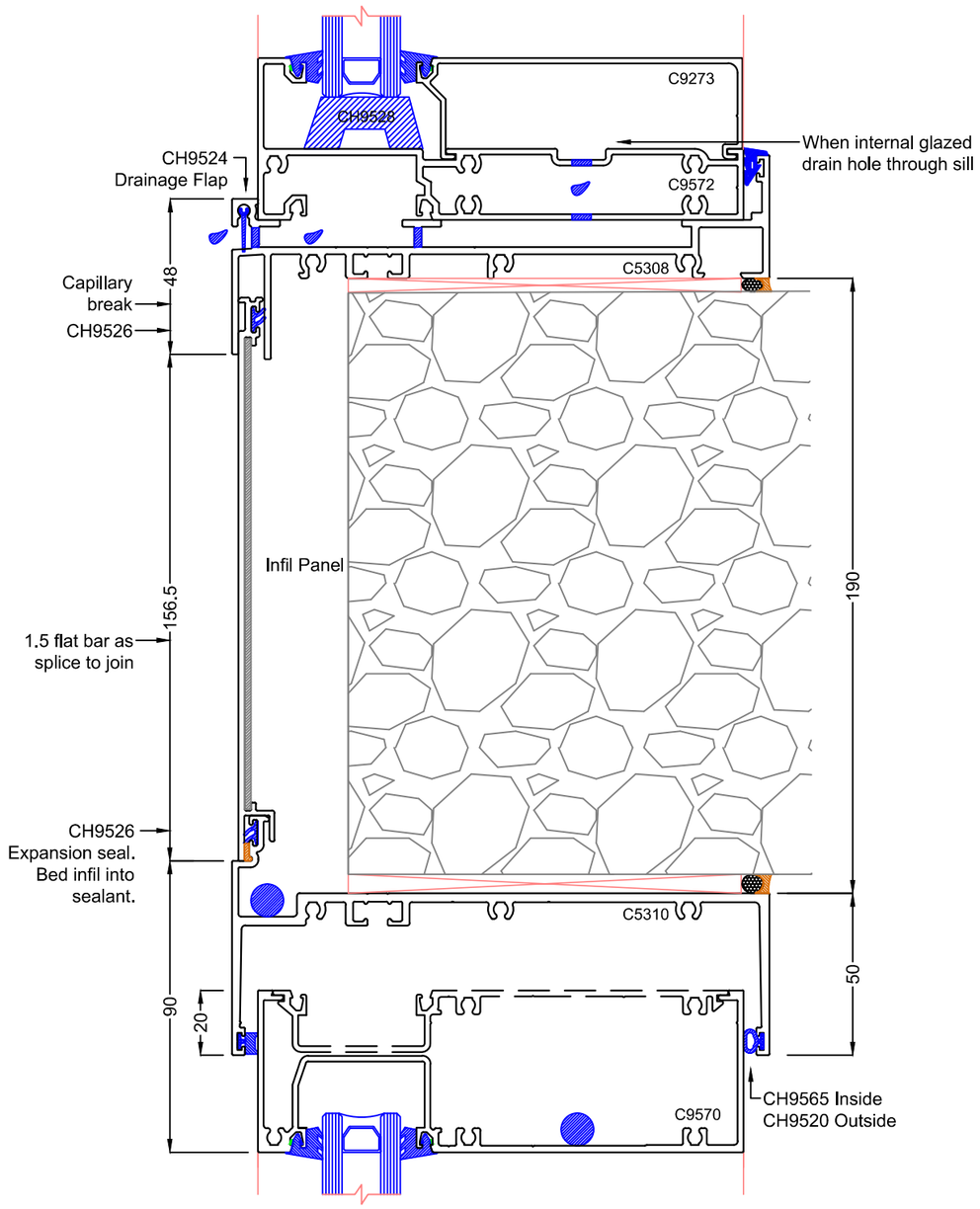


Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 23
Spandrel Glazed Sub Head & Subsill



Spandrel Sub Head & Subsill - suit infil plate

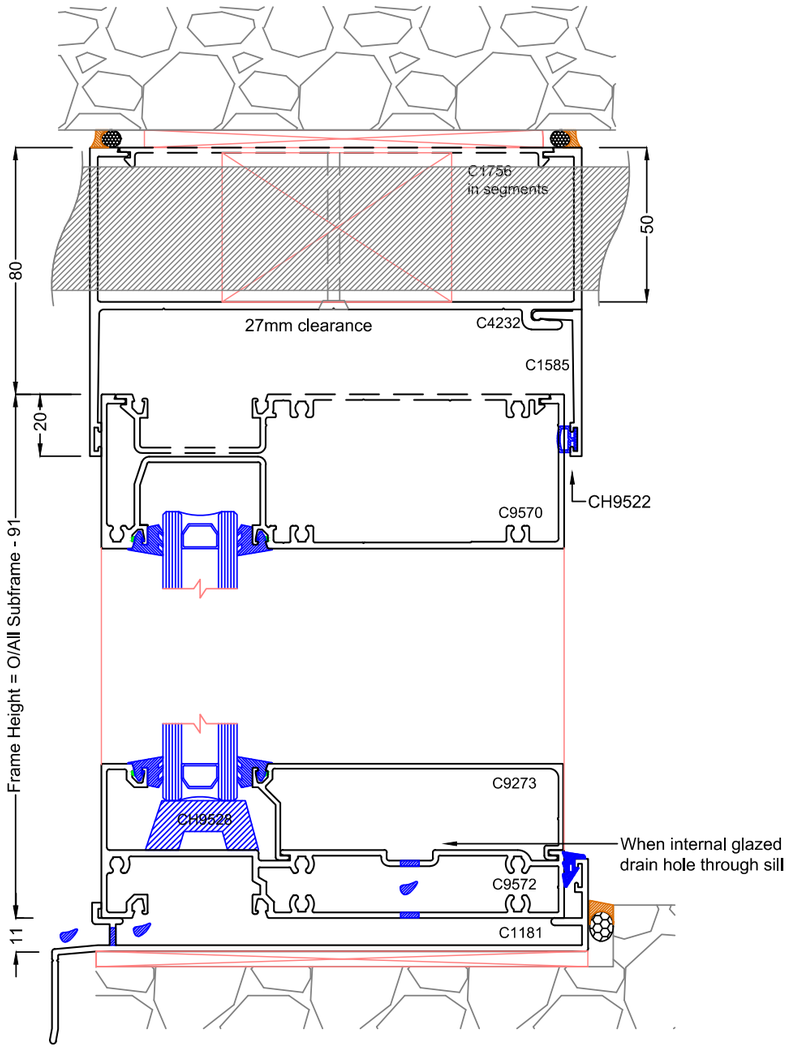
Used in a similar manner to other Spandrel sub framing, this has been especially developed to suit a specific size extruded infil to cover the face of a slab



Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 24

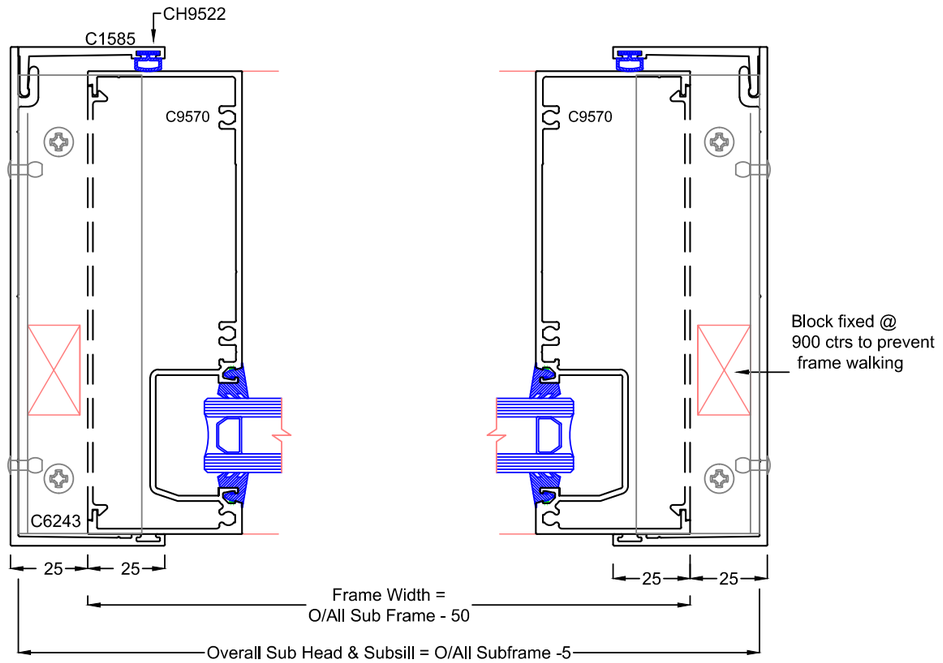
100mm Two Part Sub Head

In many apartment projects services like sprinkler systems or ducting needs to be passed through the frame.
The deep sub head is an elegant means of doing this, above the head of the window. This needs a suspended ceiling to conceal its entry on the inside of the subhead.



Two Part Sub Jamb (50 face)

Typical detail for frame installation from inside



Sub Jamb Detail

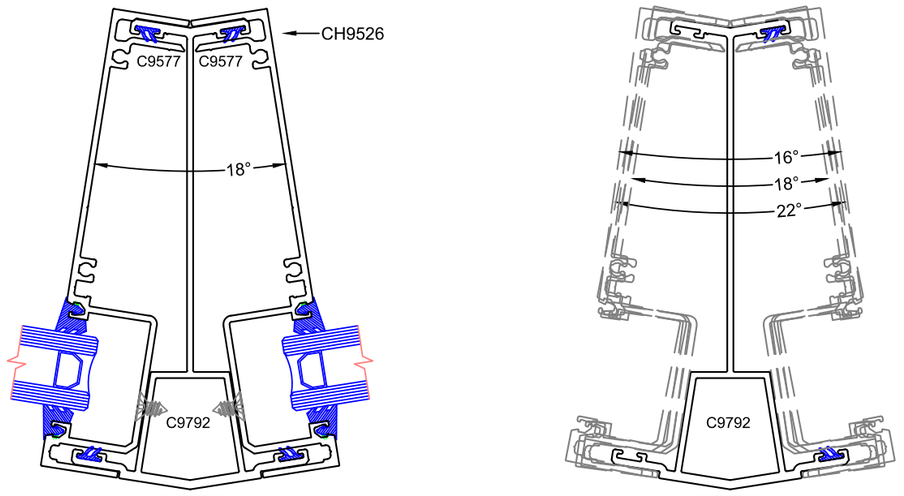
This detail depicts a 2 part sub jamb which is typically used for multi level applications & internal frame installation. The one piece sub head C9311 is usually used with this arrangement.

It is designed to be screw assembled & thus can be shipped to site pre-assembled & lifted to the appropriate level. Alternatively it is easy to factory pre-machine & assemble on site.

The 2 part subhead C9316 is not recommended as an alternative to this detail.

Splayed Mullion Coupler

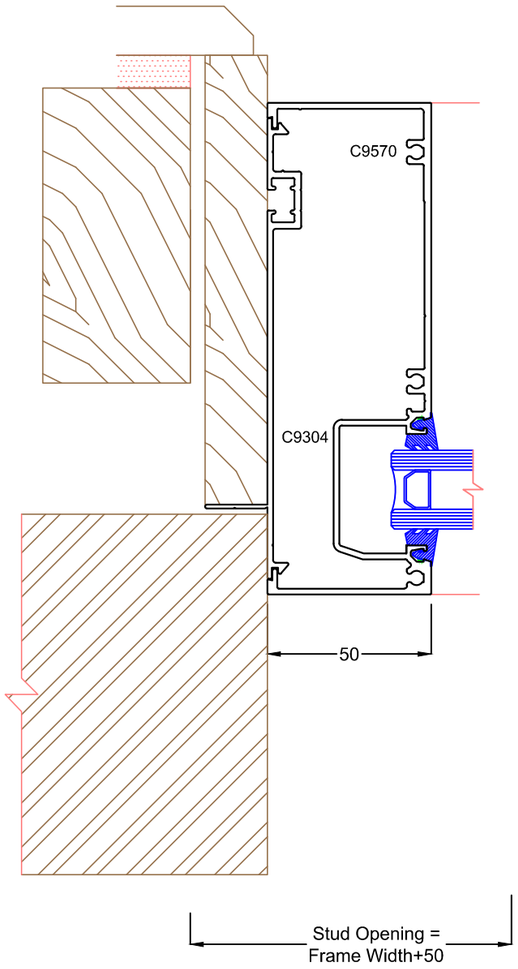
Allows nom 16-22' splayed angles



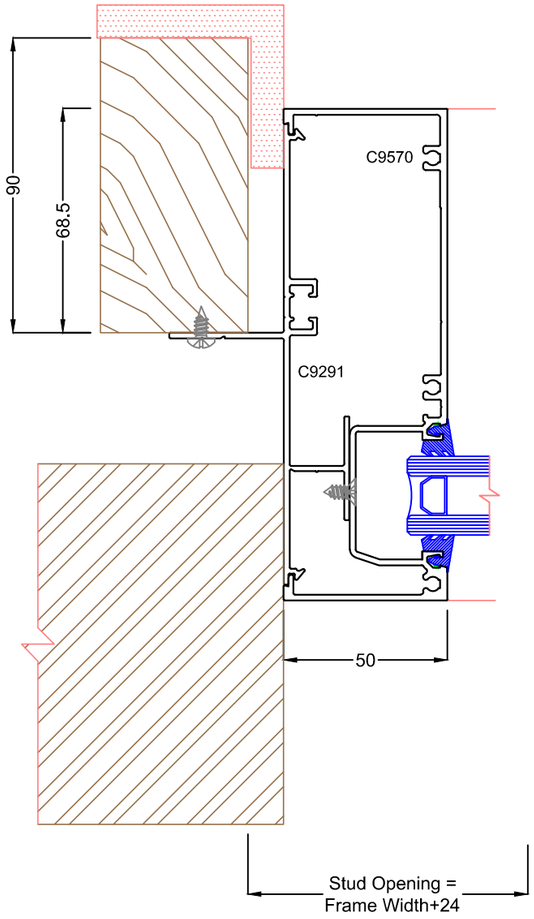
Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket

Max Framing Systems: M150FDG - 25

C9304 Reveal adaptor

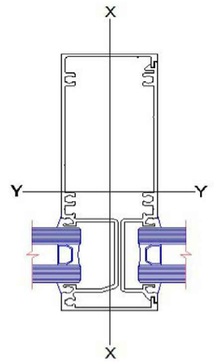


C9291 Build In adaptor



Mullion Structural Tables

Mullion Combination: Max 150x50 STD FDG C9570, C9574



These tables use theoretical section properties. The resulting Serviceability and Ultimate should be read in conjunction with the requirements of AS1170.

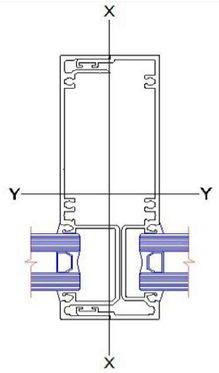
Note the following:
- Maximum Stress = 110Mpa
- Serviceability based on Span/250
- Italics indicate where Serviceability is limited by Ulltimate.

This chart is to be used as a guide only. Where Serviceability exceeds 3kPa or for more information, contact Capral.

Frame Height (mm)		Design Wind Pressure (Pa)							
2200	**S**	*6516*	*5352*	*4610*	*4115*	*3781*	*3564*	*3439*	*3398*
	U	*6516*	*5352*	*4610*	*4115*	*3781*	*3564*	*3439*	*3398*
2400	**S**	*5400*	*4416*	*3782*	*3352*	*3052*	*2845*	*2707*	*2627*
	U	*5400*	*4416*	*3782*	*3352*	*3052*	*2845*	*2707*	*2627*
2600	**S**	4368	3572	3058	2707	2461	2286	2163	2082
	U	4547	3705	3160	2785	2520	2329	2194	2103
2800	**S**	3479	2836	2418	2131	1926	1778	1670	1593
	U	3879	3153	2680	2352	2117	1945	1819	1728
3000	**S**	2816	2290	1947	1710	1538	1412	1319	1250
	U	3347	2715	2301	2013	1805	1650	1534	1448
3200	**S**	2312	1877	1592	1393	1249	1142	1061	1000
	U	2916	2361	1997	1743	1558	1419	1313	1233
3400	**S**	1922	1557	1318	1151	1029	938	868	814
	U	2563	2072	1750	1523	1358	1233	1137	1063
3600	**S**	1616	1307	1104	962	858	780	720	673
	U	2269	1832	1545	1343	1194	1082	995	927
3800	**S**	1371	1108	935	813	724	656	604	
	U	2022	1631	1374	1192	1059	957	878	
4000	**S**	1173	947	798	693	616			
	U	1813	1461	1229	1065	945			
4200	**S**	1012	816	687					
	U	1634	1316	1106					
4400	**S**	879	709						
	U	1479	1191						
4600	**S**	768	619						
	U	1346	1083						
4800	**S**	676							
	U	1229							
5000	**S**								
	U								
Mullion Centres (mm)		800	1000	1200	1400	1600	1800	2000	2200

Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 26
Mullion Structural Tables

Mullion Combination: Max 150x50 Split FDG C9577, C9578



These tables use theoretical section properties. The resulting Serviceability and Ultimate should be read in conjunction with the requirements of AS1170.

Note the following:
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- Serviceability based on Span/250
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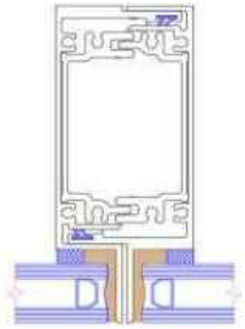
Frame Height (mm)		Design Wind Pressure (Pa)							
2200	S	*8677*	*7126*	*6138*	*5479*	*5035*	*4745*	*4579*	*4524*
	U	*8677*	*7126*	*6138*	*5479*	*5035*	*4745*	*4579*	*4524*
2400	S	*7178*	*5869*	*5027*	*4455*	*4057*	*3781*	*3598*	*3491*
	U	*7178*	*5869*	*5027*	*4455*	*4057*	*3781*	*3598*	*3491*
2600	S	5891	4817	4124	3651	3318	3083	2911	2791
	U	6033	4916	4193	3696	3343	3090	2911	2791
2800	S	4691	3824	3262	2874	2598	2397	2252	2149
	U	5138	4176	3550	3116	2805	2577	2409	2289
3000	S	3798	3088	2626	2305	2075	1905	1778	1685
	U	4426	3590	3043	2663	2387	2183	2029	1915
3200	S	3119	2531	2146	1879	1685	1540	1431	1349
	U	3851	3118	2637	2301	2057	1873	1734	1627
3400	S	2592	2100	1778	1552	1388	1265	1171	1098
	U	3378	2731	2306	2008	1790	1626	1499	1401
3600	S	2179	1763	1489	1298	1158	1052	970	907
	U	2986	2412	2033	1767	1572	1424	1310	1220
3800	S	1849	1494	1260	1096	976	885	814	759
	U	2657	2144	1805	1567	1391	1258	1154	1072
4000	S	1582	1277	1076	935	831	752	690	641
	U	2378	1917	1613	1398	1239	1118	1024	949
4200	S	1365	1101	927	804	713	644		
	U	2140	1724	1449	1255	1111	101		
4400	S	1185	956	804	696	617			
	U	1935	1558	1308	1132	1001			
4600	S	1036	835	701	607				
	U	1758	1414	1187	1026				
4800	S	911	734	616					
	U	1603	1289	1081					
5000	S	805	648						
	U	1467	1179						
Mullion Centres (mm)		800	1000	1200	1400	1600	1800	2000	2200

Mullion Structural Tables

Mullion Combination: Max 100 Structural with Splice



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- Serviceability based on Span/250
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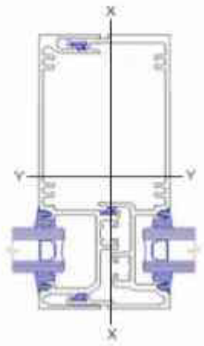
Frame Height (mm)		Design Wind Pressure (Pa)							
2200	S	*6860*	*5634*	*4853*	*4332*	*3980*	*3751*	*3620*	*3577*
	U	*6860*	*5634*	*4853*	*4332*	*3980*	*3751*	*3620*	*3577*
2400	S	5552	4558	3921	3492	3197	*2994*	*2849*	*2765*
	U	5684	4648	3981	3528	3213	*2994*	*2849*	*2765*
2600	S	4338	3547	3037	2689	2444	2270	2148	2068
	U	4786	3900	3326	2932	2652	2452	2309	2214
2800	S	3455	2816	2402	2117	1913	1765	1658	1582
	U	4083	3319	2821	2476	2228	2047	1914	1819
3000	S	2797	2274	1934	1698	1528	1403	1310	1241
	U	3523	2857	2422	2119	1900	1737	1615	1524
3200	S	2296	1864	1581	1384	1241	1134	1054	993
	U	3069	2485	2102	1834	1639	1493	1382	1297
3400	S	1909	1547	1309	1143	1022	931	862	809
	U	2697	2181	1841	1603	1429	1298	1197	1119
3600	S	1604	1298	1097	956	852	775	715	668
	U	2388	1928	1626	1413	1257	1139	1047	975
3800	S	1361	1100	928	807	719	652		
	U	2128	1717	1446	1255	1114	1007		
4000	S	1165	941	793	689	612			
	U	1907	1538	1293	1121	994			
4200	S	1005	811	682					
	U	1719	1385	1164					
4400	S	873	704						
	U	1557	1253						
4600	S	763	615						
	U	1416	1139						
4800	S	671							
	U	1293							
Mullion Centres (mm)		800	1000	1200	1400	1600	1800	2000	2200

Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 27
Mullion Structural Tables

Mullion Combination: Max 150 x 60 HD Split Mullion



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Note the following:
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- Serviceability based on Span/250
- Italics indicate where Serviceability is limited by Ulltimate.

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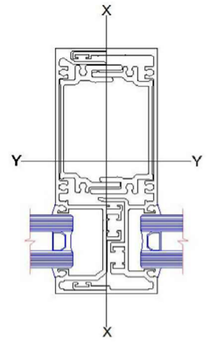
Frame Height (mm)		Design Wind Pressure (Pa)							
2200	S	*11642*	*9562*	*8236*	*7352*	*6756*	*6367*	*6144*	*6070*
	U	*11642*	*9562*	*8236*	*7352*	*6756*	*6367*	*6144*	*6070*
2400	S	*9644*	*7885*	*6754*	*5985*	*5451*	*5080*	*4833*	*4691*
	U	*9644*	*7885*	*6754*	*5985*	*5451*	*5080*	*4833*	*4691*
2600	S	7755	6341	5429	4807	4369	4058	3841	3697
	U	8115	6614	5640	4972	4497	4157	3916	3754
2800	S	6176	5035	4294	3784	3420	3156	2965	2829
	U	6921	5625	4781	4197	3777	3470	3245	3082
3000	S	5000	4066	3457	3035	2731	2508	2341	2218
	U	5969	4841	4104	3591	3219	2943	2736	2582
3200	S	4106	3332	2826	2474	2218	2028	1884	1776
	U	5199	4209	3560	3107	2777	2529	2341	2197
3400	S	3413	2765	2340	2044	1827	1665	1541	1446
	U	4566	3692	3117	2715	2420	2197	2027	1894
3600	S	2868	2321	1961	1709	1524	1385	1278	1194
	U	4041	3263	2751	2392	2127	1927	1772	1651
3800	S	2434	1967	1659	1444	1285	1165	1072	999
	U	3600	2904	2446	2123	1885	1704	1563	1452
4000	S	2083	1682	1417	1231	1094	990	909	844
	U	3226	2600	2187	1896	1681	1517	1389	1287
4200	S	1797	1449	1220	1058	939	848	777	721
	U	2906	2341	1967	1704	1508	1359	1242	1149
4400	S	1561	1258	1058	917	812	733	670	621
	U	2631	2118	1778	1539	1361	1225	1118	1032
4600	S	1364	1099	924	800	708	637		
	U	2391	1924	1615	1396	1234	1109		
4800	S	1200	966	811	702	620			
	U	2183	1756	1473	1272	1123			
5000	S	1060	853	716	619				
	U	2000	1608	1348	1164				
Mullion Centres (mm)		800	1000	1200	1400	1600	1800	2000	2200

Mullion Structural Tables

Mullion Combination: Max 150x60 Split FDG Splice C9282, C9283, C9284, C9284



These tables use theoretical section properties. The resulting Serviceability and Ultimate should be read in conjunction with the requirements of AS1170.

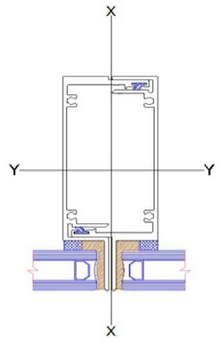
Note the following:
- Maximum Stress = 110Mpa
- Serviceability based on Span/250
- Italics indicate where Serviceability is limited by Ulltimate.

This chart is to be used as a guide only. Where Serviceability exceeds 3kPa or for more information, contact Capral.

Frame Height (mm)		Design Wind Pressure (Pa)							
2200	S	*13451*	*11047*	*9516*	*8494*	*7805*	*7356*	*7099*	*7014*
	U	*13451*	*11047*	*9516*	*8494*	*7805*	*7356*	*7099*	*7014*
2400	S	*11150*	*9117*	*7809*	*6920*	*6302*	*5873*	*5588*	*5423*
	U	*11150*	*9117*	*7809*	*6920*	*6302*	*5873*	*5588*	*5423*
2600	S	8990	7351	6293	5572	5065	4704	4453	4286
	U	9390	7652	6526	5752	5203	4810	4531	4343
2800	S	7160	5836	4978	4387	3965	3659	3437	3279
	U	8013	6513	5535	4859	4373	4018	3757	3569
3000	S	5796	4713	4008	3519	3166	2907	2714	2572
	U	6916	5609	4755	4160	3729	3410	3170	2991
3200	S	4760	3862	3276	2867	2571	2351	2185	2059
	U	6027	4880	4128	3602	3219	2932	2714	2547
3400	S	3957	3206	2713	2369	2118	1930	1786	1676
	U	5297	4283	3616	3149	2807	2549	2351	2197
3600	S	3325	2690	2273	1981	1767	1605	1481	1384
	U	4690	3788	3194	2776	2469	2237	2057	1916
3800	S	2821	2280	1924	1673	1490	1350	1243	1158
	U	4181	3373	2841	2465	2189	1979	1815	1686
4000	S	2415	1949	1643	1427	1268	1147	1053	979
	U	3749	3022	2542	2204	1954	1763	1614	1496
4200	S	2083	1680	1414	1227	1089	983	901	836
	U	3379	2722	2288	1981	1754	1581	1445	1336
4400	S	1809	1458	1226	1063	942	849	777	719
	U	3061	2464	2069	1790	1583	1425	1300	1201
4600	S	1582	1274	1071	927	820	739	675	624
	U	2785	2240	1880	1625	1436	1291	1177	1085
4800	S	1391	1120	940	813	719	647		
	U	2543	2045	1716	1482	1308	1175		
5000	S	1229	989	830	718	634			
	U	2331	1874	1571	1356	1197			
Mullion Centres (mm)		800	1000	1200	1400	1600	1800	2000	2200

Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 28
Mullion Structural Tables

Mullion Combination: Max 150 FDG Struct C9336, C9337



These tables use theoretical section properties. The resulting Serviceability and Ultimate should be read in conjunction with the requirements of AS1170.

Note the following:
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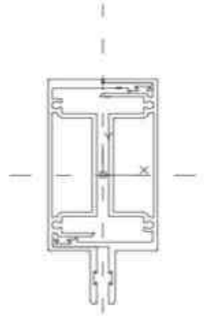
Frame Height (mm)		Design Wind Pressure (Pa)							
2200	S	*5032*	*4133*	*3560*	*3178*	*2920*	*2752*	*2656*	*2624*
	U	*5032*	*4133*	*3560*	*3178*	*2920*	*2752*	*2656*	*2624*
2400	S	3851	3161	2720	2423	2218	2078	1986	1935
	U	4174	3413	2923	2591	2359	2199	2092	2030
2600	S	3009	2460	2106	1865	1695	1575	1490	1435
	U	3517	2867	2445	2155	1949	1802	1697	1627
2800	S	2396	1953	1666	1468	1327	1225	1150	1097
	U	3004	2441	2075	1821	1639	1506	1408	1338
3000	S	1940	1578	1341	1178	1060	973	908	861
	U	2594	2104	1783	1560	1399	1279	1189	1122
3200	S	1593	1293	1096	960	861	787	731	689
	U	2262	1831	1549	1352	1208	1100	1019	956
3400	S	1324	1073	908	793	709	646		
	U	1989	1608	1358	1183	1054	957		
3600	S	1113	900	761	663				
	U	1762	1423	1200	1043				
3800	S	944	763	644					
	U	1572	1268	1068					
4000	S	808	652						
	U	1410	1137						
4200	S	697							
	U	1272							
4400	S	606							
	U	1153							
Mullion Centres (mm)		800	1000	1200	1400	1600	1800	2000	2200

Mullion Structural Tables

Mullion Structural Table

Mullion Combination: 150 Shade Mullion (C9492,C9493)



These tables use theoretical section properties. The resulting Serviceability and Ultimate should be read in conjunction with the requirements of AS1170.

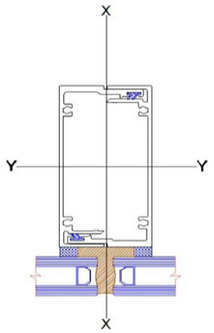
Note the following:
- Maximum Stress = 110Mpa
- Serviceability based on Span/250
- Italics indicate where Serviceability is limited by Ulltimate.

This chart is to be used as a guide only. Where Serviceability exceeds 3kPa or for more information, contact Capral.

Frame Height (mm)		Design Wind Pressure (Pa)							
2200	S	*7398*	*6076*	*5233*	*4671*	*4293*	*4046*	*3904*	*3857*
	U	*7398*	*6076*	*5233*	*4671*	*4293*	*4046*	*3904*	*3857*
2400	S	5667	4652	4003	3565	3264	3057	2923	2847
	U	6140	5021	4300	3811	3471	3234	3078	2987
2600	S	4428	3620	3100	2744	2494	2317	2193	2111
	U	5178	4219	3598	3172	2869	2652	2499	2395
2800	S	3526	2875	2452	2160	1953	1802	1693	1615
	U	4424	3596	3056	2683	2415	2218	2074	1970
3000	S	2855	2321	1974	1733	1559	1432	1337	1267
	U	3823	3101	2628	2300	2062	1885	1753	1654
3200	S	2344	1902	1613	1412	1266	1158	1076	1014
	U	3336	2701	2285	1994	1782	1623	1502	1410
3400	S	1949	1579	1336	1167	1043	951	880	825
	U	2935	2373	2004	1745	1555	1412	1303	1218
3600	S	1638	1325	1120	976	870	791	729	682
	U	2602	2101	1772	1540	1370	1241	1141	1063
3800	S	1390	1123	947	824	734	665	612	
	U	2322	1873	1578	1369	1216	1099	1008	
4000	S	1189	960	809	703	625			
	U	2084	1680	1414	1225	1086			
4200	S	1026	827	697	604				
	U	1881	1515	1274	1103				
4400	S	891	718	604					
	U	1706	1373	1153					
4600	S	779	627						
	U	1553	1250						
4800	S	685							
	U	1420							
5000	S	605							
	U	1303							
Mullion Centres (mm)		800	1000	1200	1400	1600	1800	2000	2200

Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket
Max Framing Systems: M150FDG - 29
Mullion Structural Tables

Mullion Combination: Max 100 SM Blind C9331, C9331



These tables use theoretical section properties. The resulting Serviceability and Ultimate should be read in conjunction with the requirements of AS1170.

Note the following:
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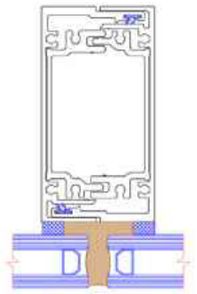
- Serviceability based on Span/250
- Italics indicate where Serviceability is limited by Ulltimate.

This chart is to be used as a guide only. Where Serviceability exceeds 3kPa or for more information, contact Capral.

Frame Height (mm)		Design Wind Pressure (Pa)							
2200	S	*4106*	*3388*	*2933*	*2633*	*2434*	*2306*	*2234*	*2211*
	U	*5907*	*4852*	*4179*	*3730*	*3428*	*3231*	*3118*	*3080*
2400	S	*3136*	*2574*	*2215*	*1972*	*1806*	*1692*	*1617*	*1575*
	U	*4896*	*4003*	*3429*	*3039*	*2767*	*2579*	*2454*	*2381*
2600	S	*2450*	*2003*	*1715*	*1518*	*1380*	*1282*	*1213*	*1168*
	U	*4122*	*3360*	*2865*	*2525*	*2285*	*2112*	*1989*	*1907*
2800	S	*1951*	*1590*	*1356*	*1195*	*1080*	*997*	*937*	*894*
	U	*3518*	*2859*	*2430*	*2133*	*1920*	*1764*	*1649*	*1567*
3000	S	*1580*	*1284*	*1092*	*959*	*863*	*792*	*740*	*701*
	U	*3035*	*2462*	*2087*	*1826*	*1637*	*1497*	*1392*	*1313*
3200	S	*1297*	*1053*	*893*	*781*	*701*	*641*		
	U	*2645*	*2142*	*1812*	*1581*	*1413*	*1287*		
3400	S	*1078*	*874*	*739*	*646*				
	U	*2325*	*1879*	*1587*	*1382*				
3600	S	*906*	*733*	*619*					
	U	*2058*	*1662*	*1401*					
3800	S	*769*	*621*						
	U	*1834*	*1480*						
4000	S	*658*							
	U	*1645*							
Mullion Centres (mm)		800	1000	1200	1400	1600	1800	2000	2200

Mullion Structural Tables

Mullion Combination: Max 100 SM Blind with Splice (C9331,C9573)



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Note the following:
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- Serviceability based on Span/250
- Italics indicate where Serviceability is limited by Ulltimate.

This chart is to be used as a guide only. Where Serviceability exceeds 3kPa or for more information, contact Capral.

Frame Height (mm)		Design Wind Pressure (Pa)							
2200	S	5764	4755	4117	3696	3416	3237	3136	3104
	U	8071	6629	5710	5097	4683	4414	4260	4208
2400	S	4401	3613	3108	2768	2534	2374	2270	2211
	U	6680	5462	4678	4146	3776	3519	3348	3249
2600	S	3439	2812	2407	2131	1937	1799	1703	1639
	U	5617	4577	3904	3441	3113	2877	2711	2598
2800	S	2738	2232	1904	1678	1517	1399	1314	1254
	U	4786	3890	3307	2903	2612	2400	2244	2132
3000	S	2217	1803	1533	1346	1211	1112	1038	984
	U	4125	3346	2836	2481	2225	2034	1891	1784
3200	S	1820	1477	1253	1097	983	899	836	787
	U	3590	2907	2459	2146	1917	1747	1617	1517
3400	S	1513	1226	1038	906	810	738	683	641
	U	3151	2548	2151	1873	1670	1516	1398	1307
3600	S	1272	1029	869	758	676	614		
	U	2786	2250	1897	1649	1467	1329		
3800	S	1079	872	736	640				
	U	2480	2001	1685	1463				
4000	S	924	746	628					
	U	2221	1791	1506					
4200	S	797	643						
	U	2000	1611						
4400	S	692							
	U	1809							
4600	S	605							
	U	1644							
4800	S								
	U								
5000	S								
	U								
Mullion Centres (mm)		800	1000	1200	1400	1600	1800	2000	2200

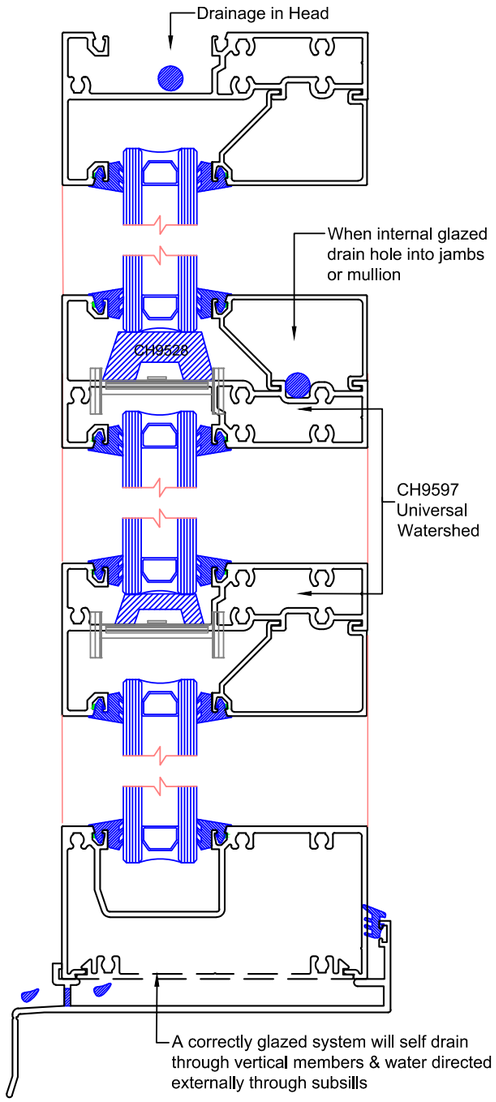
Max™ 150 x 50mm FRONT DOUBLE GLAZED - 34mm Pocket

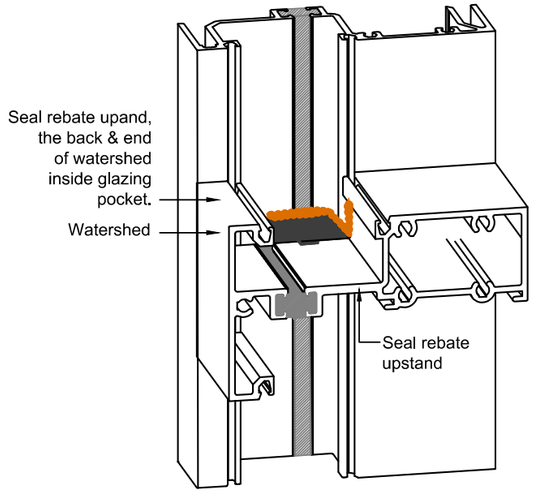
Max Framing Systems: M150FDG - 30

Glazing Methodology

This system has been designed to self drain within the system via a patented watershed component in transoms, traditionally the area most prone to leakage in commercial systems.
Most other commercial systems attempt to deal with drainage through ugly external drain slots or rely on silicone to stop water entry.
Using "top loaded" high performance co-extruded wedges which are shrink resistant, the system allows easy in-factory fitting of backing wedges & easy fitting of wedges on the side from which the system is being glazed.
Wedges are colour coded according to thickness for ease of identification, refer the chart below.

Note: This page describes one method of glazing. Wet Glazing or combinations of wet and dry glazing can be done. For further information on Glazing methodology & frame sealing please refer the Information pages in the U-Max Manual.





Preparing the Glazing Rebate:

a. Ends of horizontal frame joints are end buttered prior to assembly.

b. Fit the watershed device while assembling transoms

c. Seal into the captive groove on the transom's vertical rebate. This is done on top & below the transom.

d. Seal the back end end of watershed within the pocket. DO not seal in front of Watershed as infiltrated water is drained through here.

Backing Wedge (rebate size) Fitting method:
Backing wedges can be fitted either side dependant on which side it is being glazed: outside for internal glaze or inside for external glaze.
The diagram depicted is externally glazed, so backing wedges would be factory fitted to the inside.

- Wedges size appropriate to glass thickness should be cut approx 18mm/metre oversize from DO (Daylight opening).
- Vertical wedges butt between horizontal wedges & are bunched towards corners.
- Pull corners back 50mm & bed into sealant & apply sealant to the butted ends.

Site Preparation of the glazing rebate:

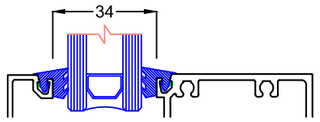
- Clean the glazing rebate & wipe glazing grooves
- Check the watershed devices are in place & overseal where appropriate.
- Place setting blocks at 1/4 points. Setting blocks should be no closer than 150mm from the edge of glass in normal conditions.

Wedge Fitting method on the glazing side

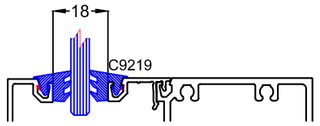
- Wedges size appropriate to glass thickness should be cut approx 18mm/metre oversize from DO (Daylight opening).
- If glazing internally, repeat the method of sealing corners as per backing wedges.

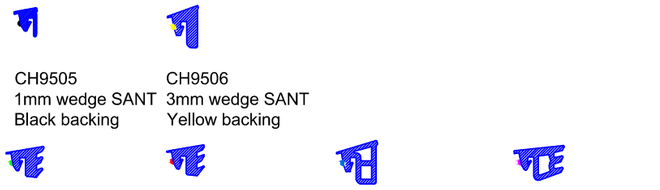
Wedge glazing charts for Max Framing

Note: when different wedges are used, the smaller wedge must go on the rebate side to allow room to fit the glazing bead.



Note:
C9219 Spandrel adaptor achieves a 18mm pocket
C9810 Spandrel adaptor achieves a 12mm pocket





	Glass thickness	Example	Rebate wedge	Gap	Glazing wedge	Gap
U-Max Framing	22mm	5/12/5	CH9507	5mm	CH9509	7mm
	23mm	6/12/5	CH9507	5mm	CH9509	7mm
	24mm	6/12/6	CH9507	5mm	CH9507	5mm
	25mm	6.38/12/6	CH9507	4mm	CH9507	5mm
	26mm	8/12/6	CH9506	3mm	CH9507	5mm
	27mm	8.38/12/6	CH9506	3mm	CH9507	5mm
	28mm	8/12/8	CH9505	1mm	CH9507	5mm
	29mm	8/12/8	CH9505	1mm	CH9506	3mm
U-Max Spandrel Glazing	Glass thickness	Spandrel Adaptor	Rebate wedge	Gap	Glazing wedge	Gap
	3mm	C9810	CH9507	7mm	CH9507	5mm
	6mm	C9219	CH9506	5mm	CH9509	7mm
	8mm	C9219	CH9506	5mm	CH9507	5mm
	10mm	C9219	CH9503	3mm	CH9507	5mm