

**Max™ 150 x 50mm OFFSET DOUBLE GLAZED - 34mm Pocket**  
**Max Framing Systems: M150ODG - 1**

## Max 150 Offset Double Glazed



### FEATURES:

- 150mm Frame Depth
- 50mm Sight Line generally
- Optional Low profile 44mm Outer Frame
- Glass Plane-Offset to align with 100 Centre Glaze
- Compatible with 150mm Front Glazed allowing glass in different planes
- Compatible with other 150mm Max framing systems
- Accepts 24mm to 28mm IGU's
- Single Glazed Spandrel adaptor option
- Eliminates ugly visible drain slots in the face of transoms
- Internal & External glazed
- Awning & Casement Sash options
- Hinged, Pivot, Sliding & Multi sliding door tracks
- Dry Glazed with High performance Santoprene Gaskets
  - Anti Stretch Gaskets
  - Anti-Dropout Gasket Design
- Suited to wet glazed if preferred
- Watershed -Concealed Transom drainage system

### 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

### NOTE:

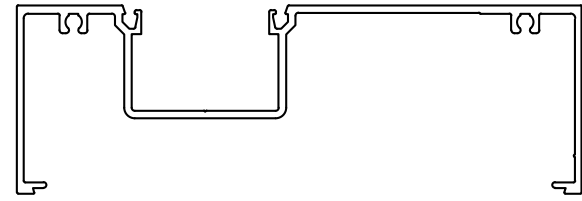
This system is completely compatible with U-Max thermally broken framing systems



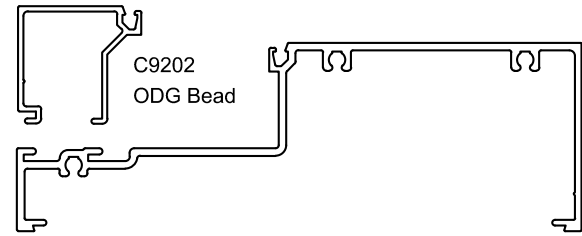
Wahroonga Adventist School, Sydney  
MAX™ 150mm Offset Double Glazed &  
GEN™ 100mm Centre Single Glazed frames



**Max™ 150 x 50mm OFFSET DOUBLE GLAZED - 34mm Pocket**  
**Max Framing Systems: M150ODG - 2**  
**50mm Extrusion ID**



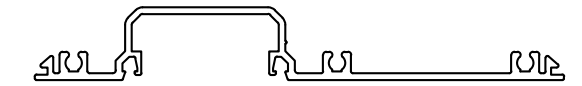
C9530  
150 x 50 ODG frame



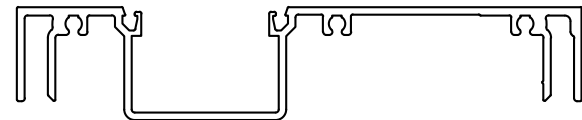
C9202  
ODG Bead



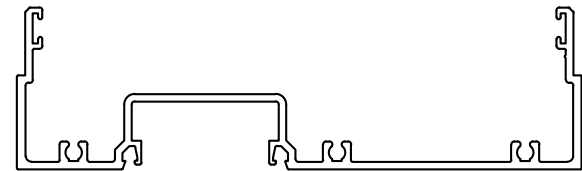
C9531  
150 x 50 ODG Sill



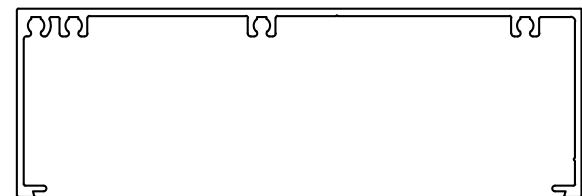
C9532  
150 ODG Pocketed filler



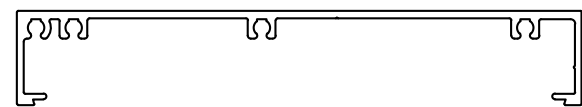
C9534  
150 x 50 ODG Deep Mullion



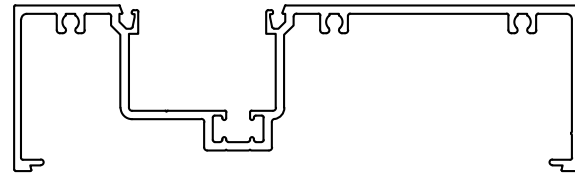
C9535  
150 x 50 ODG Shallow Mullion



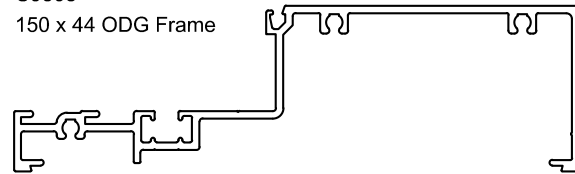
C9579  
150 x 50 Plain Frame



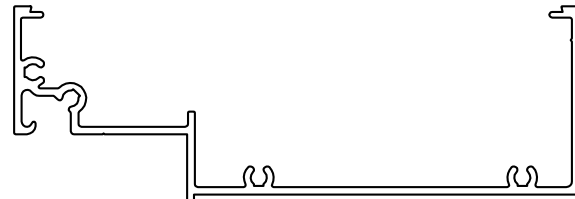
C9580  
150 x 25 Plain Frame



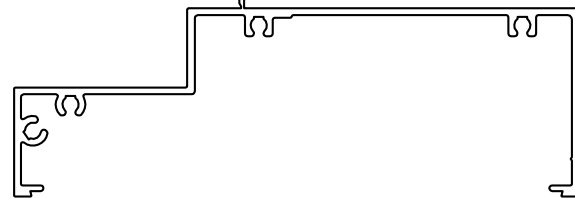
C9308  
150 x 44 ODG Frame



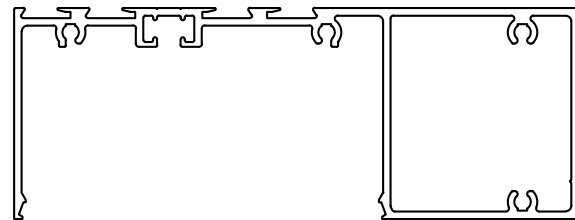
C9309  
150 x 44 ODG Sill



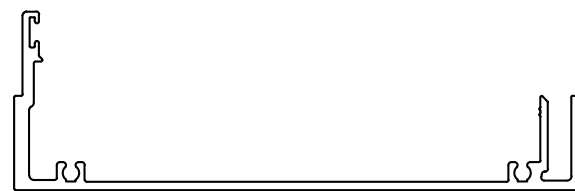
C9779  
150 x 50 Hinge Head



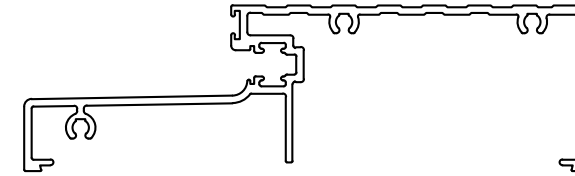
C9780  
150 x 50 Winder Sill



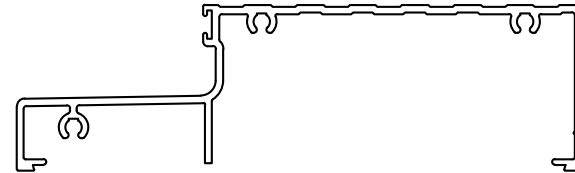
C9310  
150 COC Transom



C9581  
150 x 50 S/M Plain Mullion

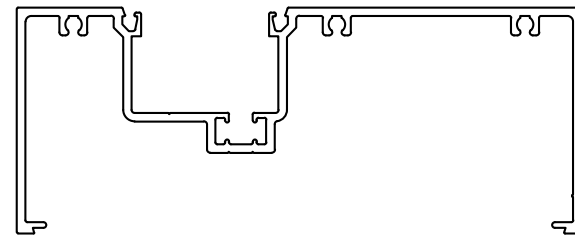


C9314  
150 x 44 Threshold O/Out (50 door)

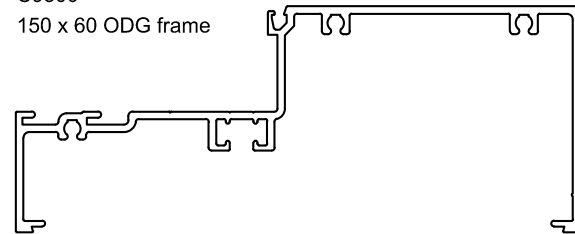


C9528  
150 x 44 Threshold - O/Out (45 door)

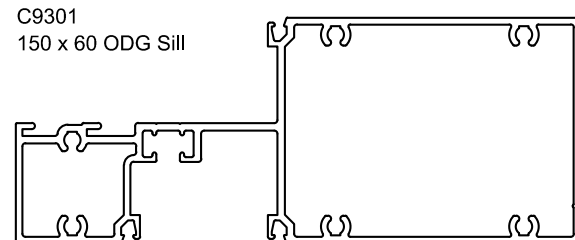
**60mm Extrusion ID**



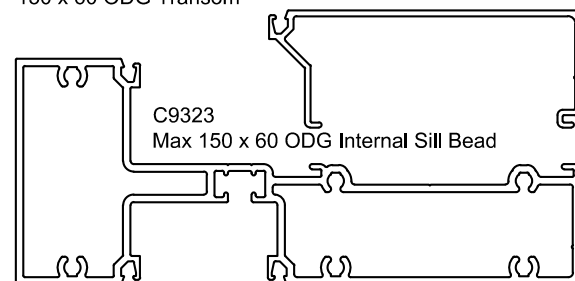
C9300  
150 x 60 ODG frame



C9301  
150 x 60 ODG Sill

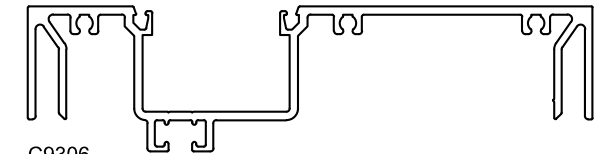


C9305  
150 x 60 ODG Transom

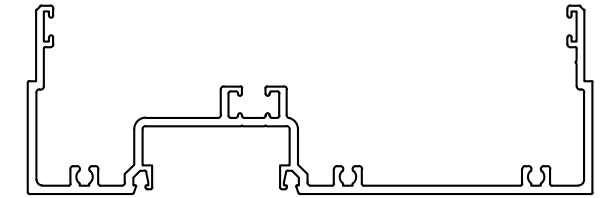


C9323  
Max 150 x 60 ODG Internal Sill Bead

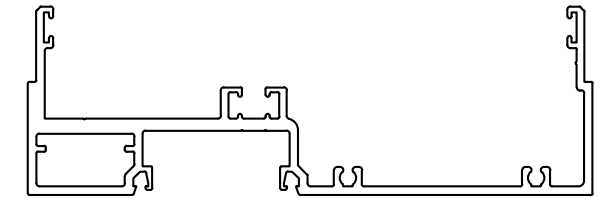
C9322  
Max 150 x 60 ODG Internal Sill / Transom



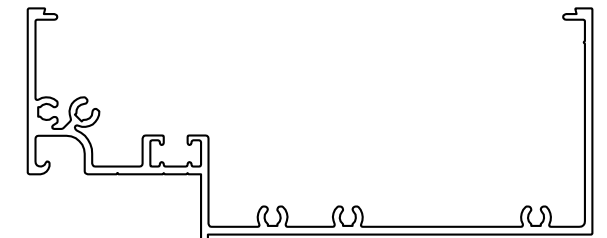
C9306  
150 x 60 ODG Deep Mullion



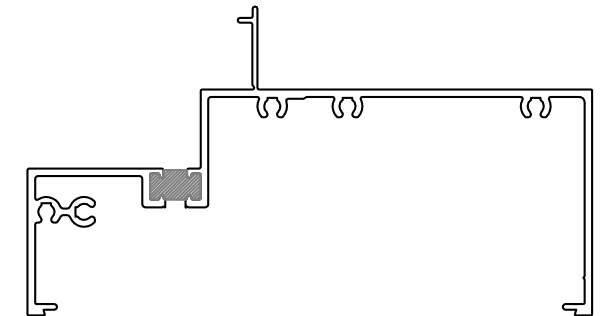
C9307  
150 x 60 ODG Shallow Mullion



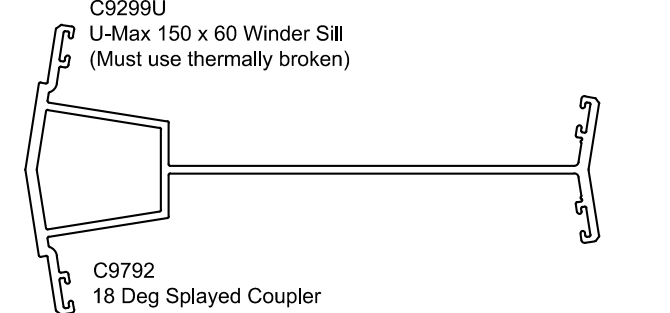
C5312  
Max 150 x 60 ODG Shade Mullion



C9298  
Max 150 x 60 ODG Hinge Head

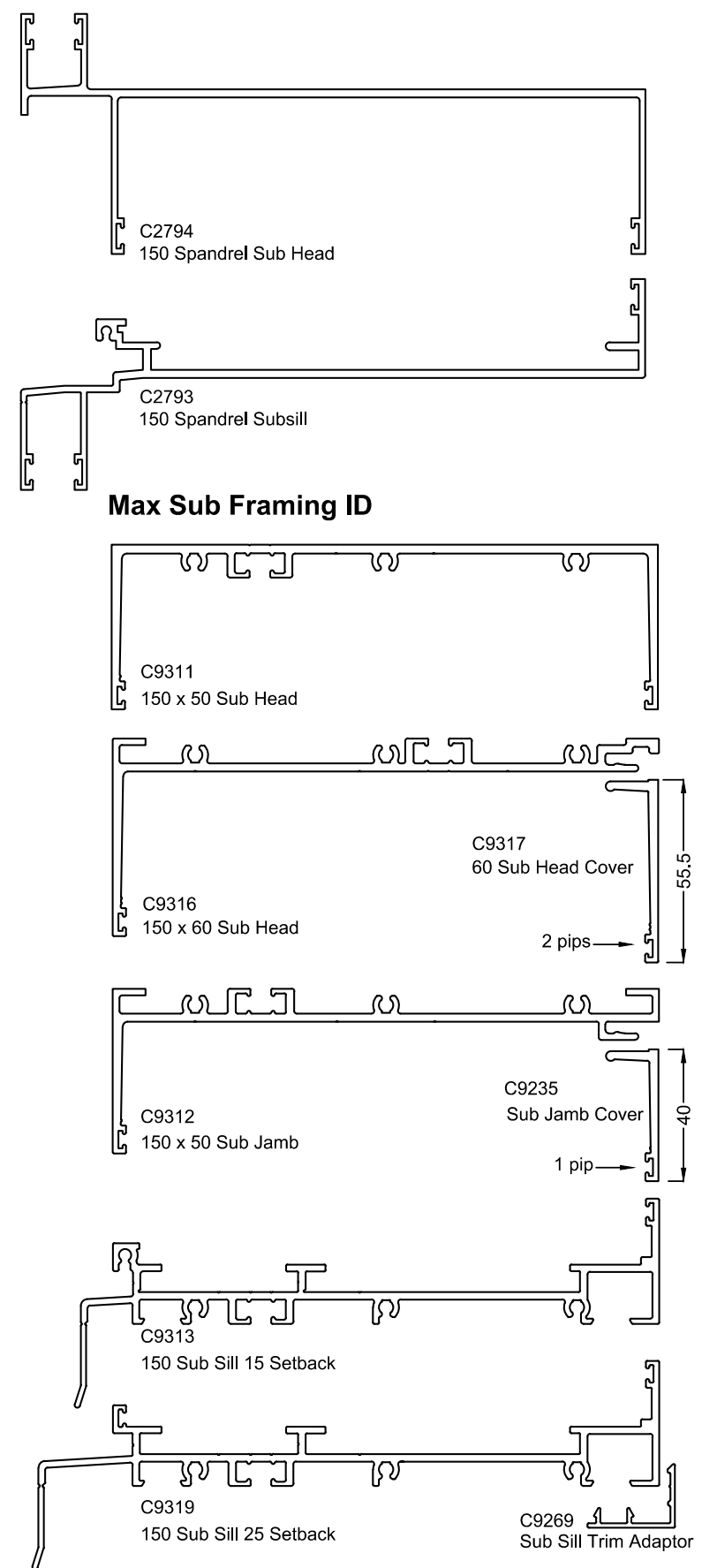
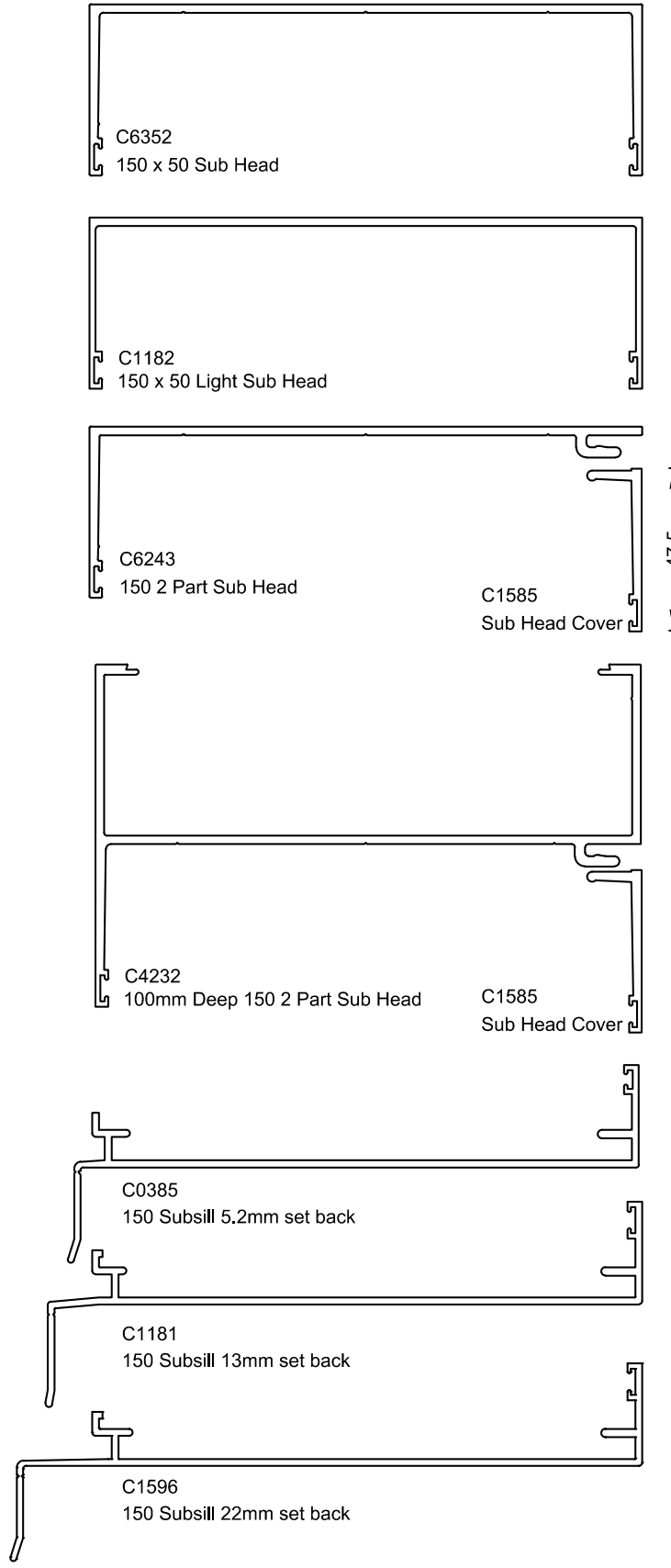
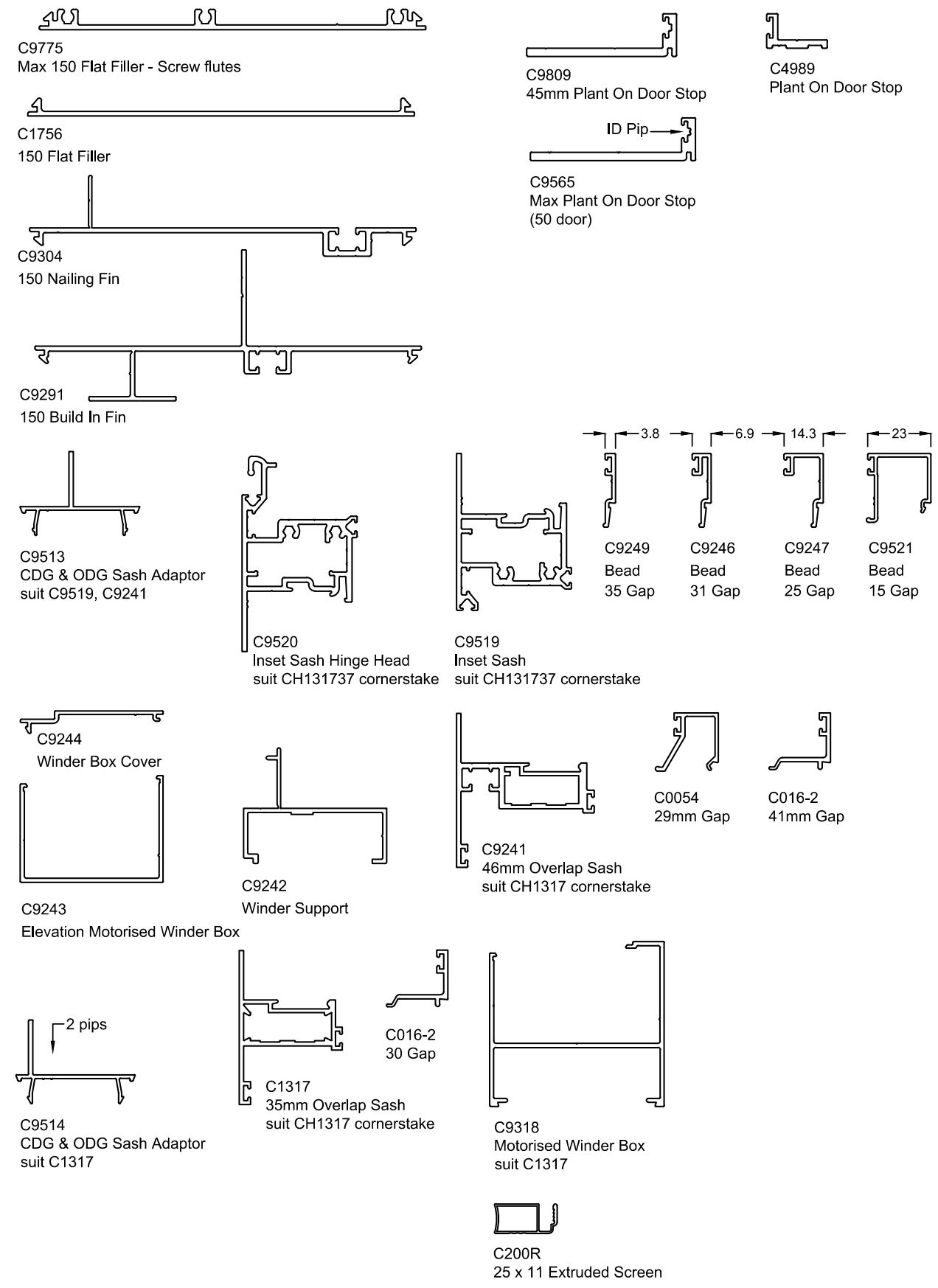


C9299U  
U-Max 150 x 60 Winder Sill  
(Must use thermally broken)

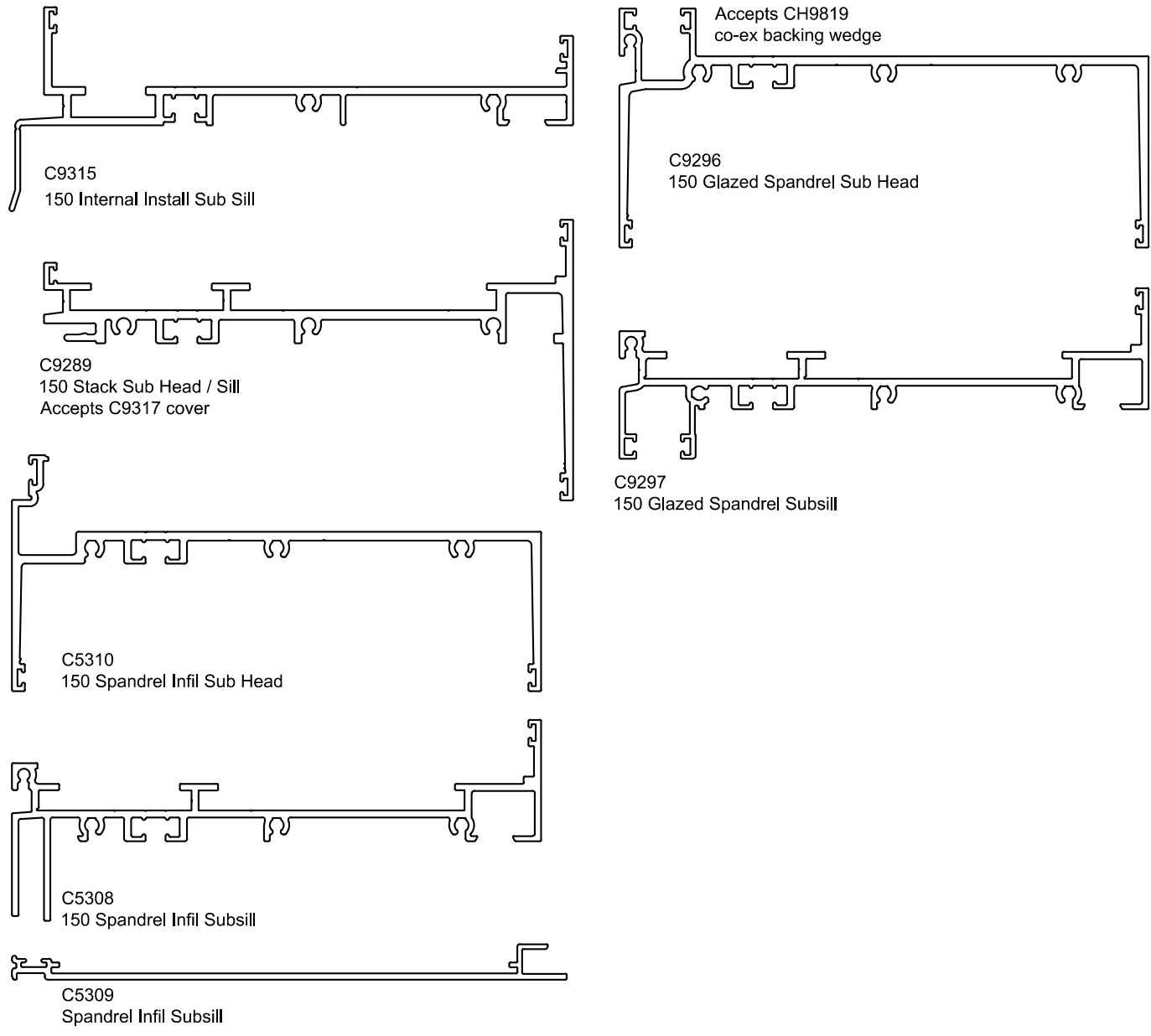


C9792  
18 Deg Splayed Coupler

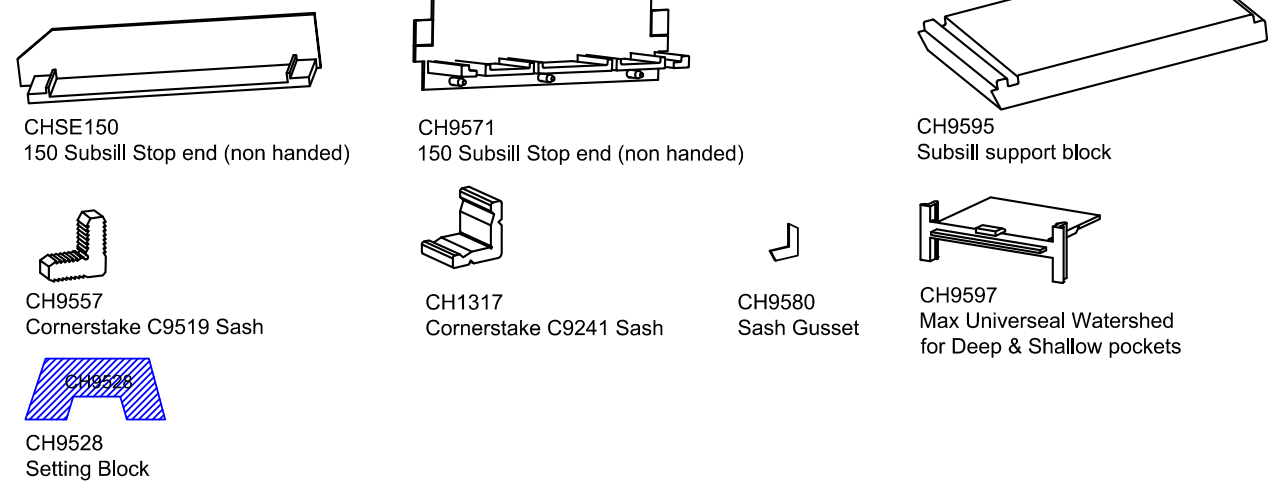
**Max™ 150 x 50mm OFFSET DOUBLE GLAZED - 34mm Pocket**  
**Max Framing Systems: M150ODG - 3**  
**Extrusion ID**



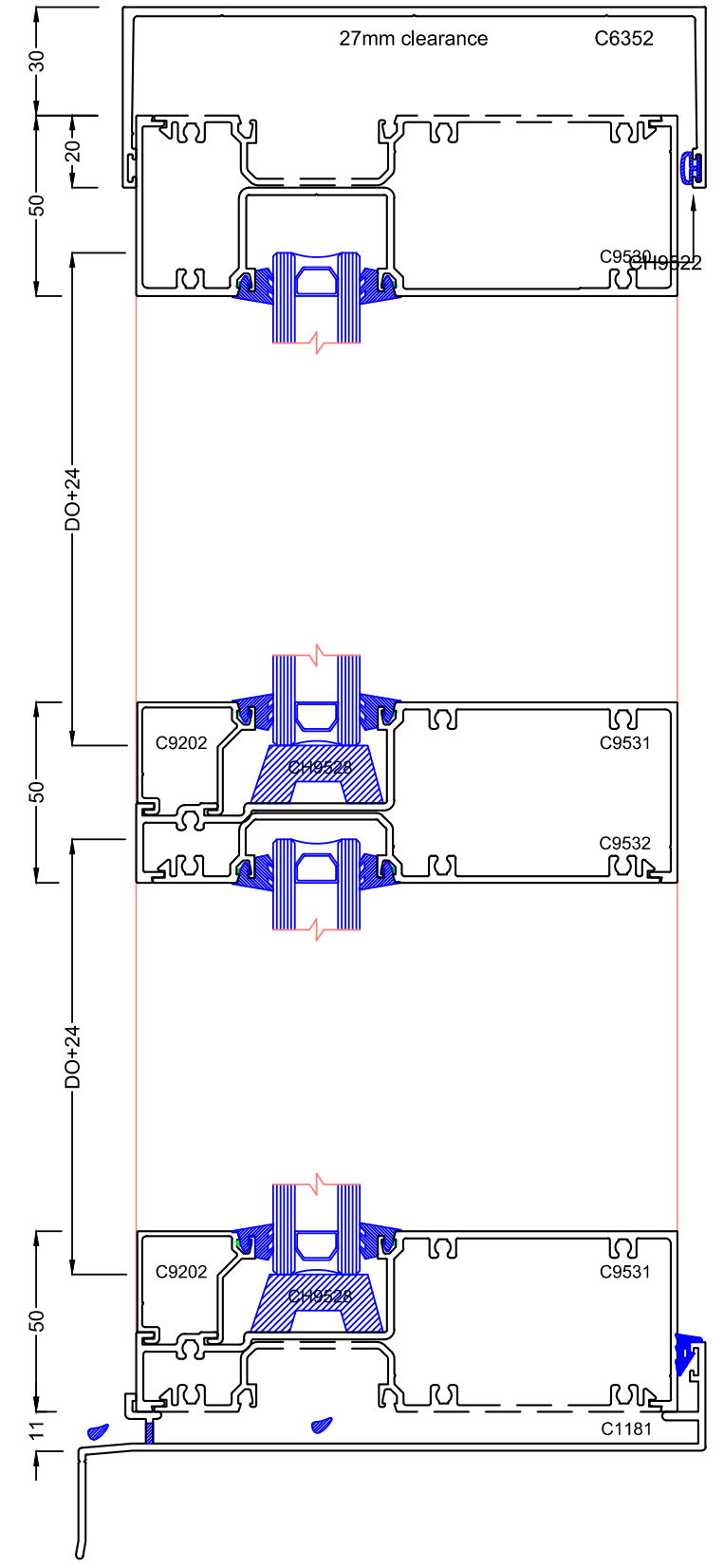
**Max™ 150 x 50mm OFFSET DOUBLE GLAZED - 34mm Pocket**  
**Max Framing Systems: M150ODG - 4**  
**Extrusion ID**



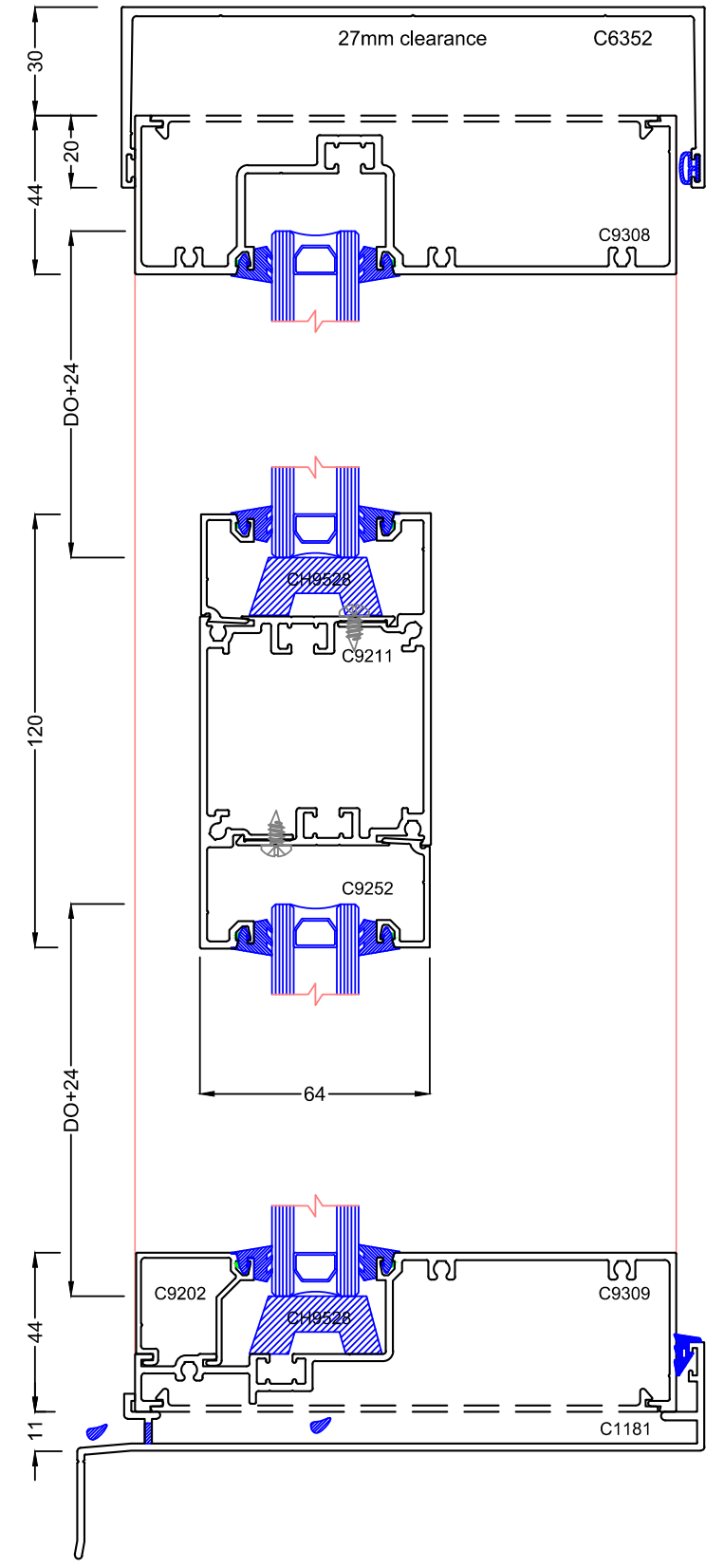
**Component ID**



**50mm Head & Sill**

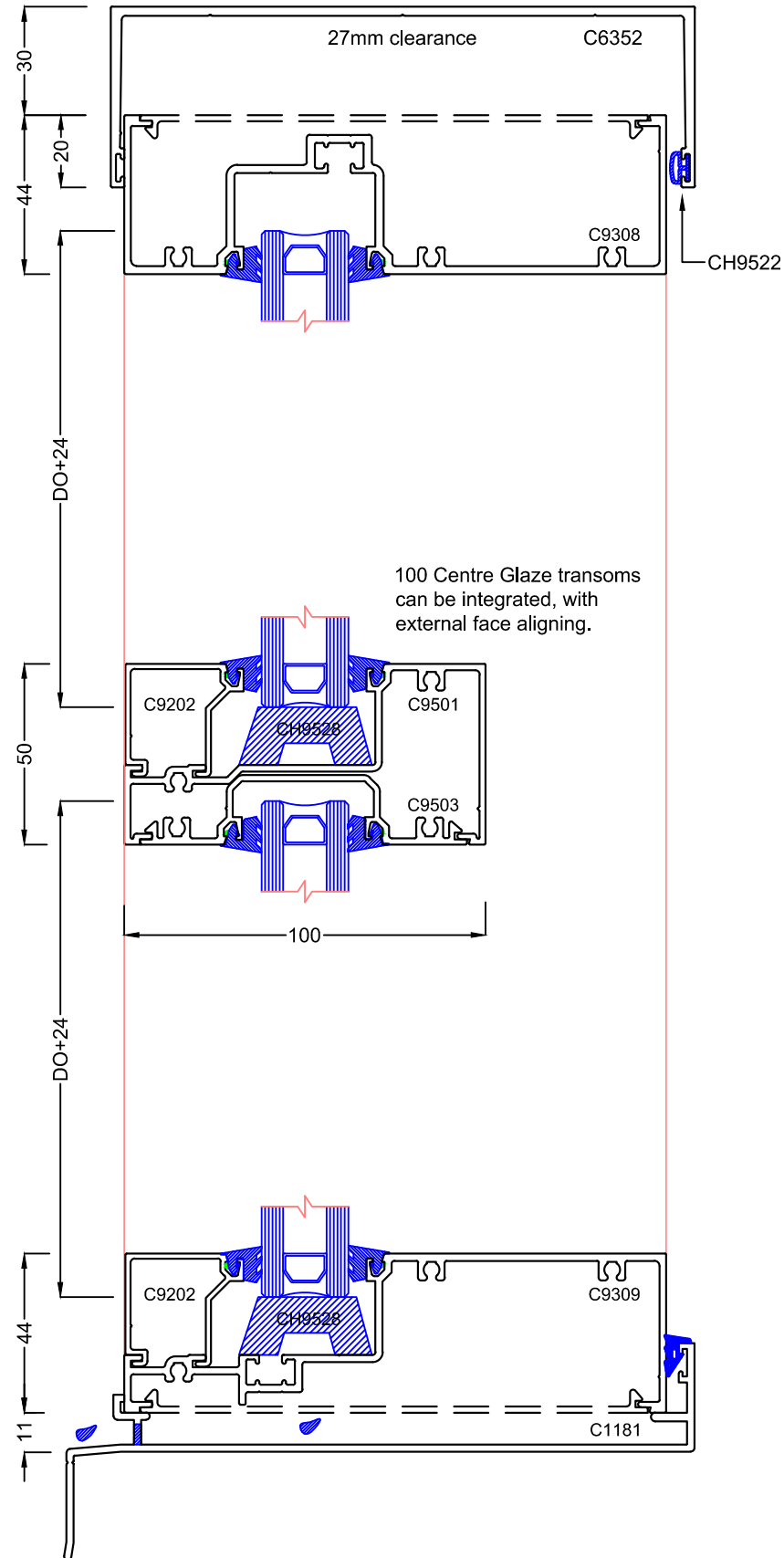


**44mm Head & Sill with 120mm Midrail**

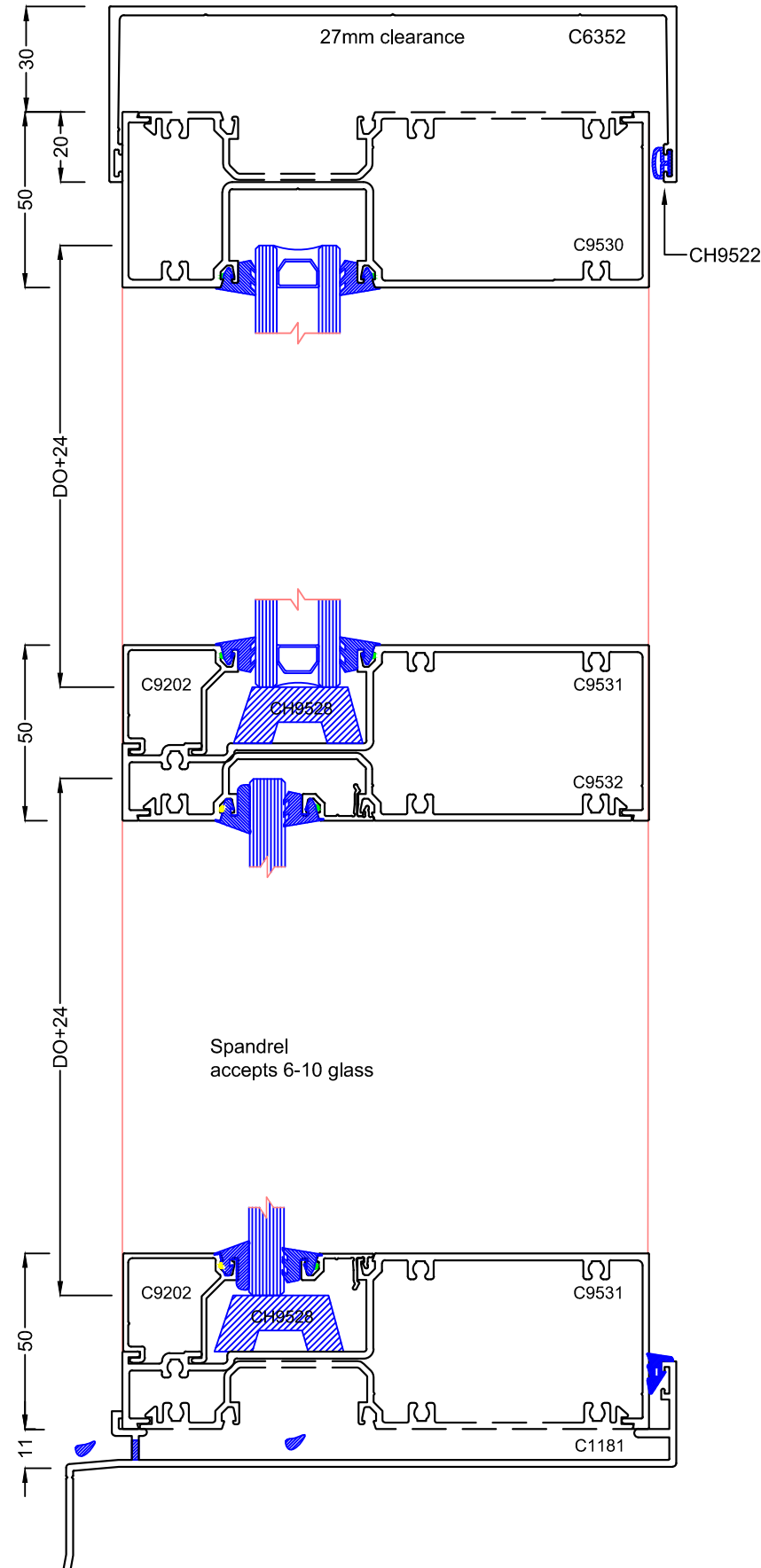


MAX™ 150 Offset Double Glazed

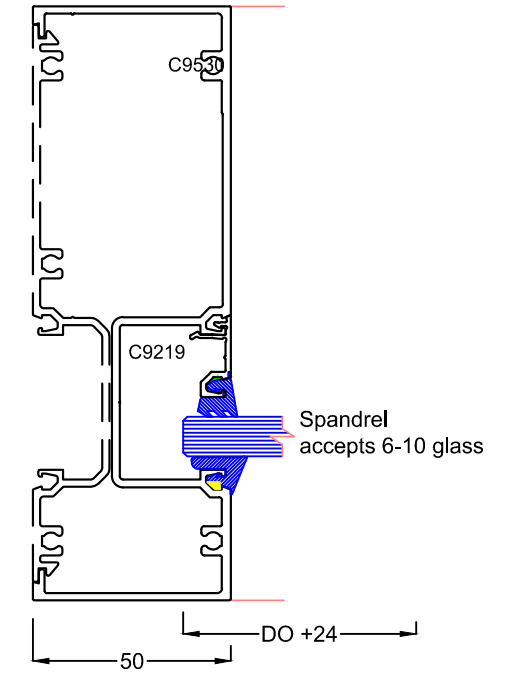
**Max™ 150 x 50mm OFFSET DOUBLE GLAZED - 34mm Pocket**  
**Max Framing Systems: M150ODG - 5**  
**44mm Head & Sill with 100 Centre Glaze Transom**



**50mm Head & Sill - Single glazed Spandrel**



**50mm Jamb with Spandrel adaptor**



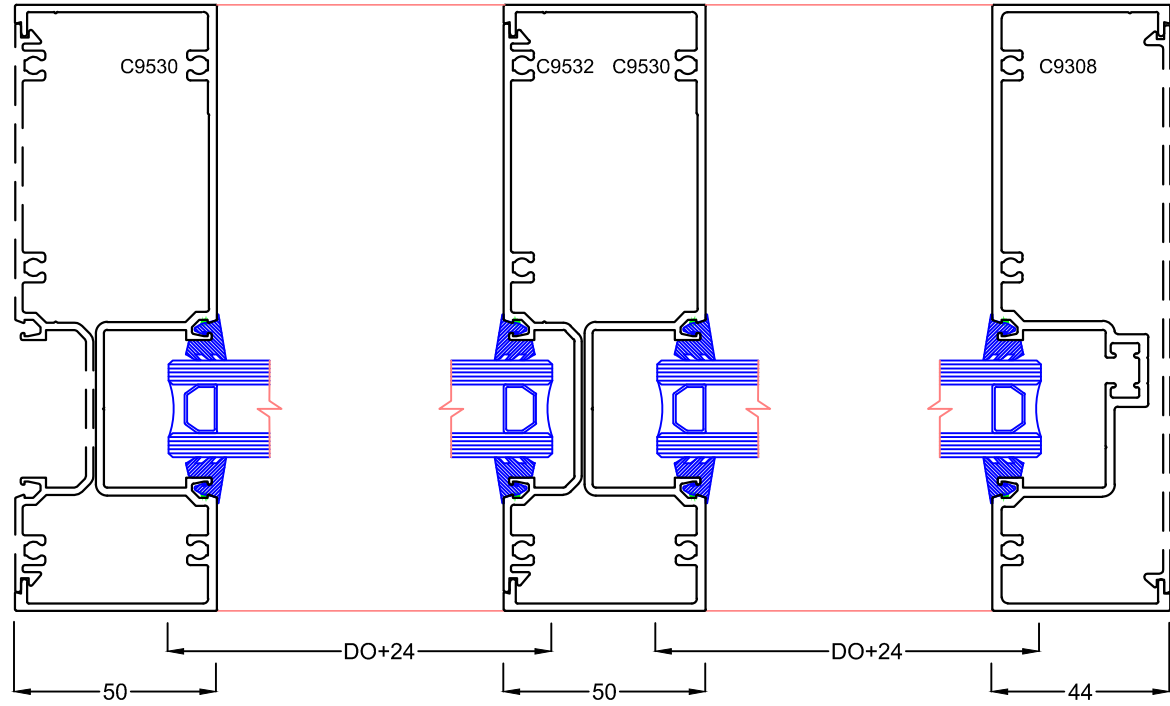
**Max™ 150 x 50mm OFFSET DOUBLE GLAZED - 34mm Pocket**

**Max Framing Systems: M150ODG - 6**

**50mm Jamb**

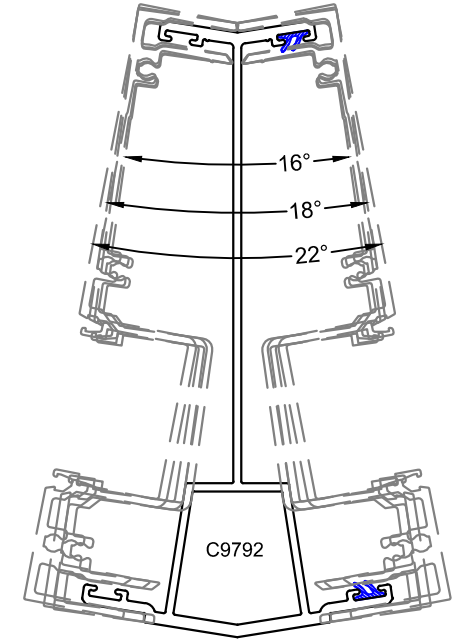
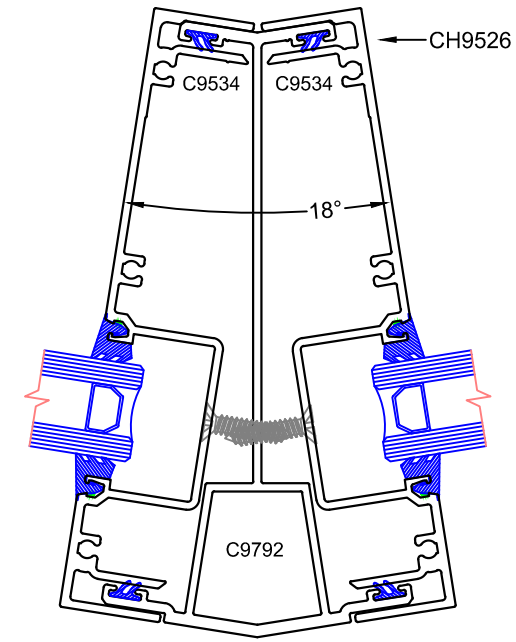
**50mm Standard Mullion**

**44mm Jamb**



**Splayed Mullion Coupler**

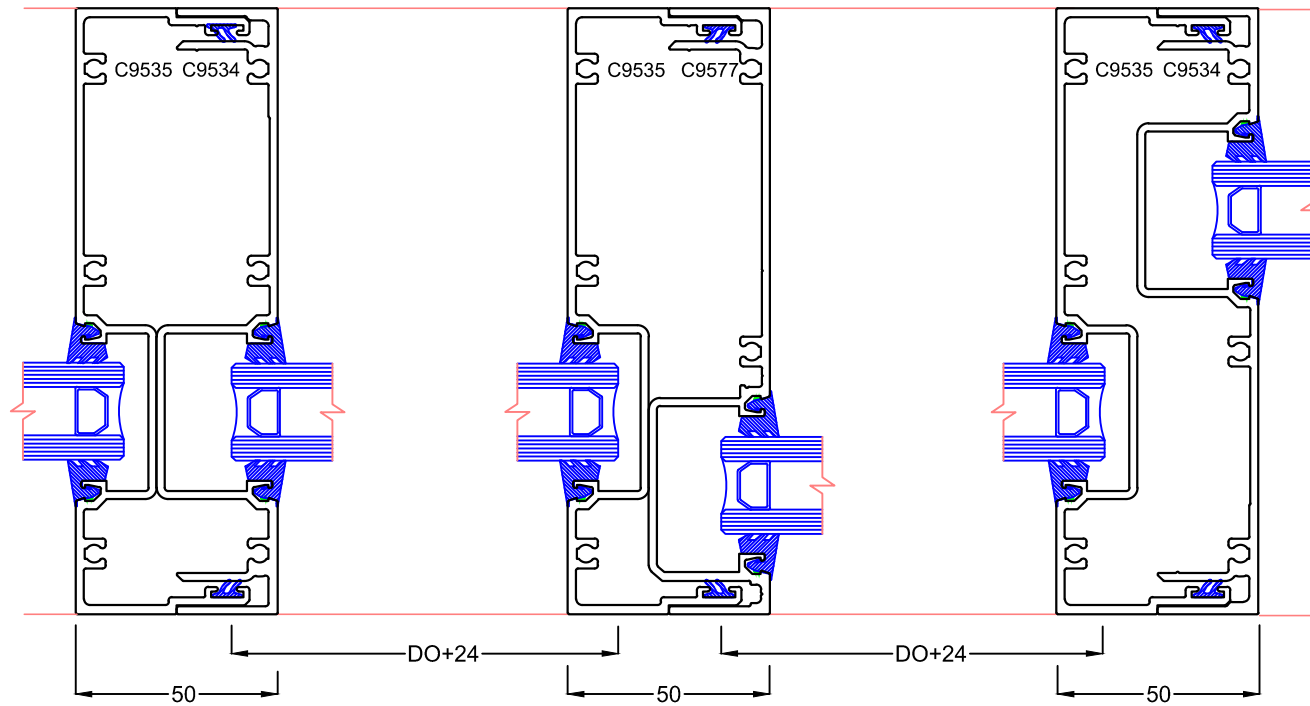
Allows nom 16-22° splayed angles



**Standard Split Mullion**

**Offset/Front Mullion**

**Offset/Offset Reversed**

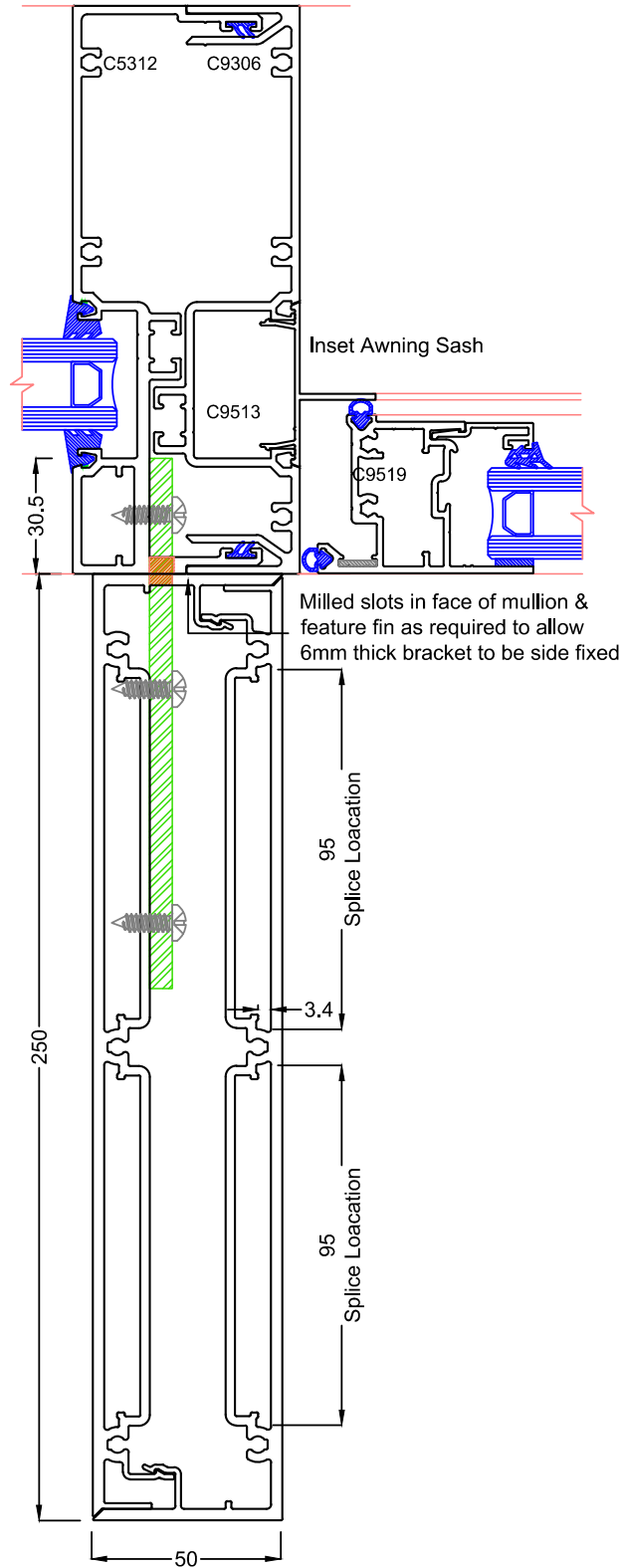




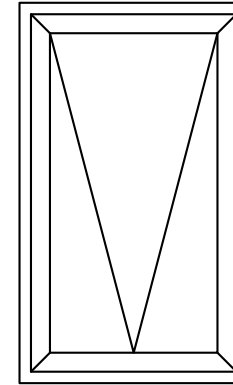
**Max™ 150 x 50mm OFFSET DOUBLE GLAZED - 34mm Pocket**  
**Max Framing Systems: M150ODG - 7**

**Feature Fin Mullion detail**

Offset glazing allows an area in front of the glazing pocket where a bracket can be fitted in order to attach a feature fin. It is difficult to do this in front glazed framing & thus this product uniquely allows a framing system to offer this ability.



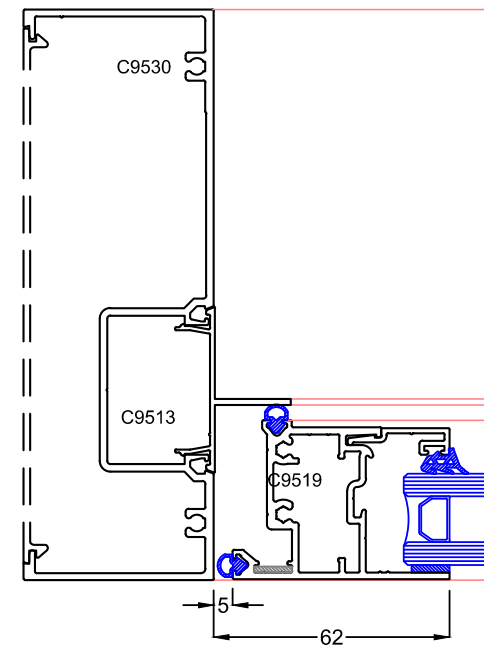
**Inset Awning Sash**



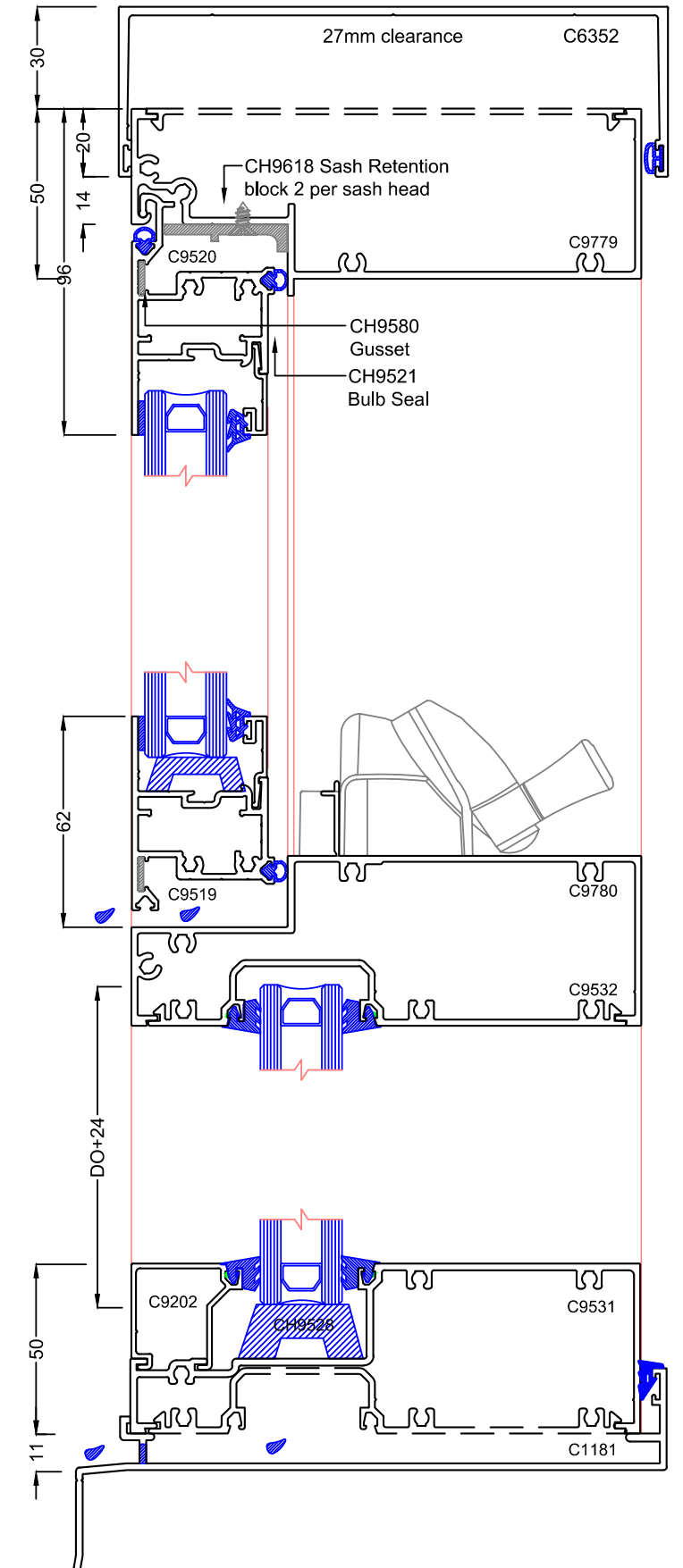
Note:  
Maximum Sash weights generally are 30kg for a single chain winder & 70kg for a dual chain winder & 70kg with stays.

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

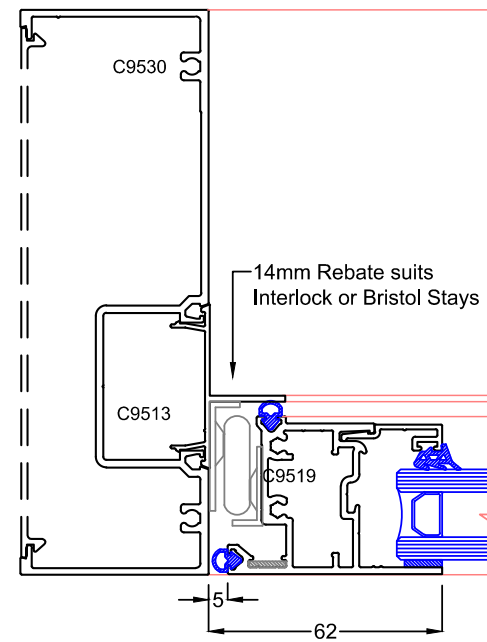
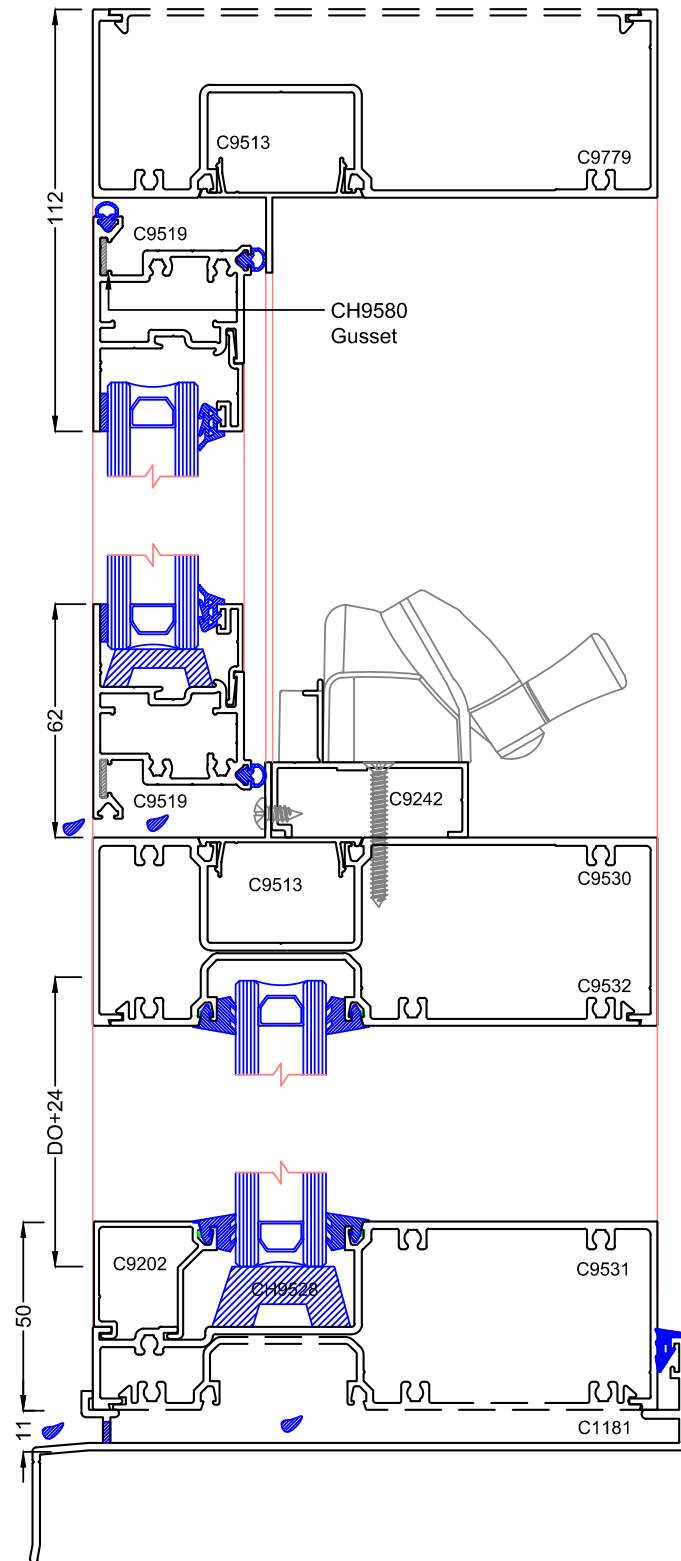
Please refer the Sashes segment in the catalogue for further information on sash limits & hardware selection.



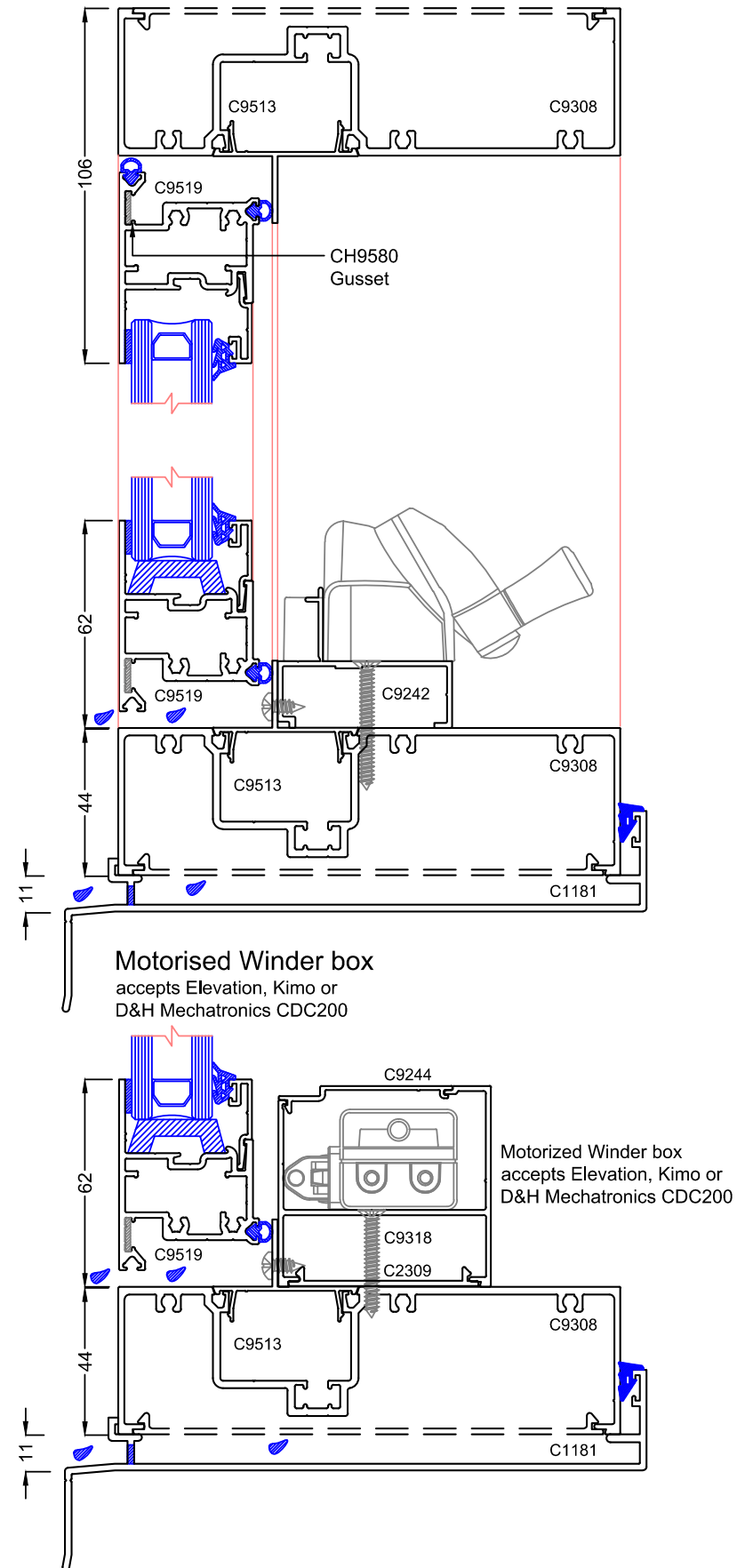
**50mm Hinge Head & Winder Sill Transom**



**Max™ 150 x 50mm OFFSET DOUBLE GLAZED - 34mm Pocket**  
**Max Framing Systems: M150ODG - 8**  
**Inset Awning Transom on stays**



**Alternative 44mm Head & Sill on stays**

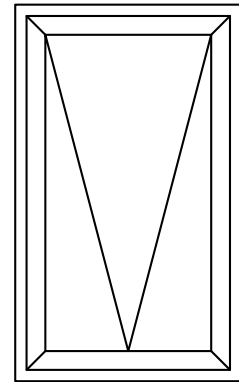




**Max™ 150 x 50mm OFFSET DOUBLE GLAZED - 34mm Pocket**

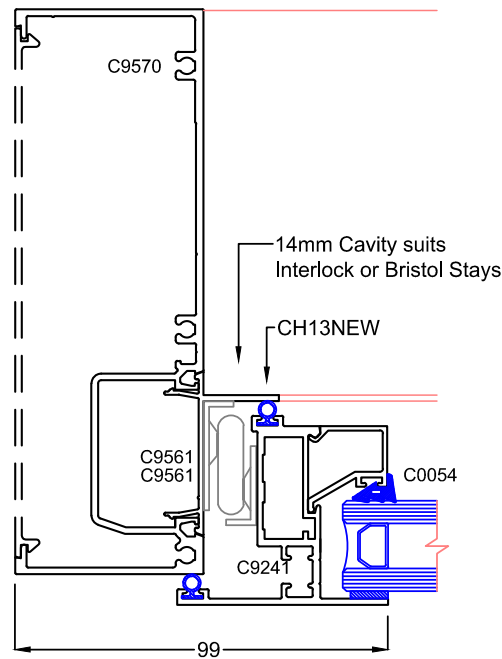
**Max Framing Systems: M150ODG - 9**

**46mm Overlap Awning Sash**

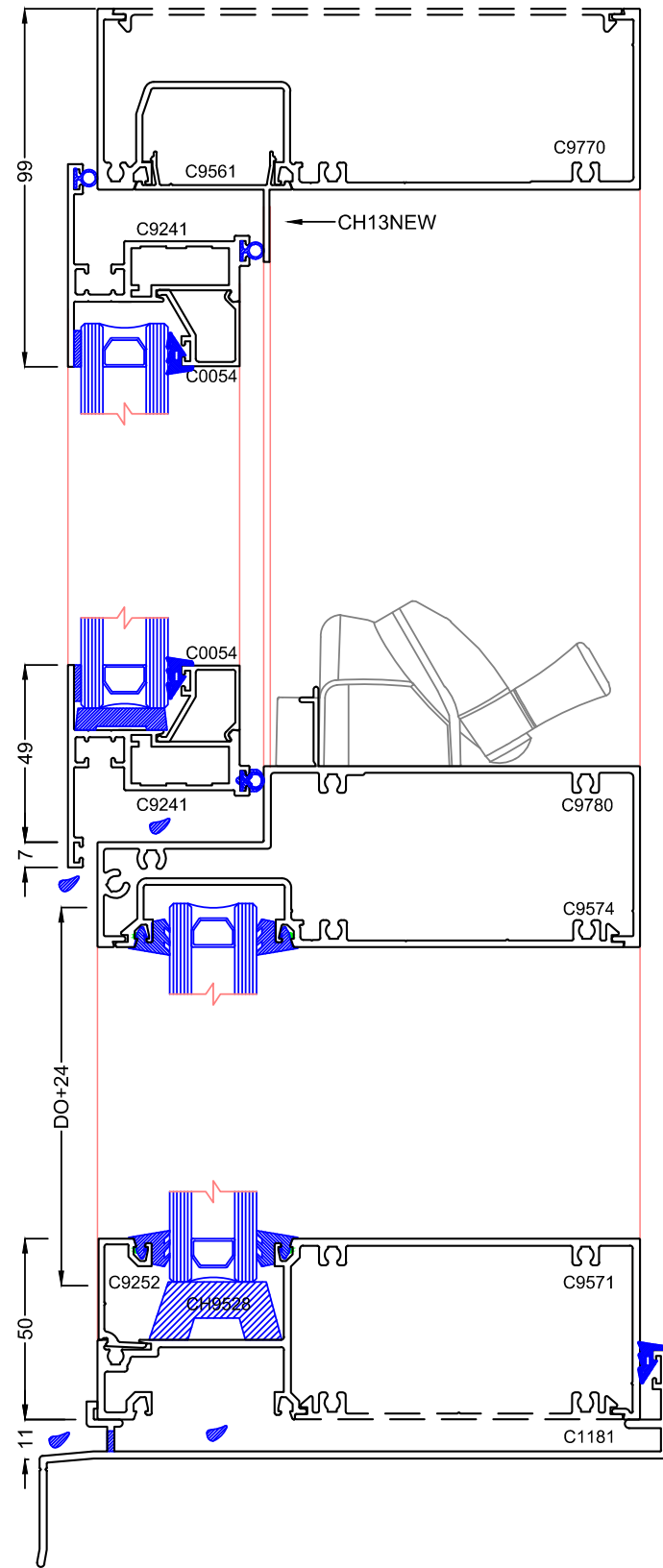


Note:  
The Overlap Sash depicted requires awning stays elegantly suits the hinge head & winder sill. This Sash is depicted as it matches the glass thickness of the frame.  
Maximum Sash weights generally are 30kg for a single chain winder & 70kg for a dual chain winder & 70kg with stays.  
• Max Sash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

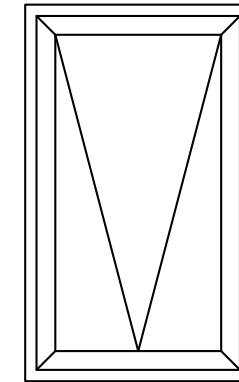
**50mm Jamb**



**50mm Head & Winder Sill Transom**

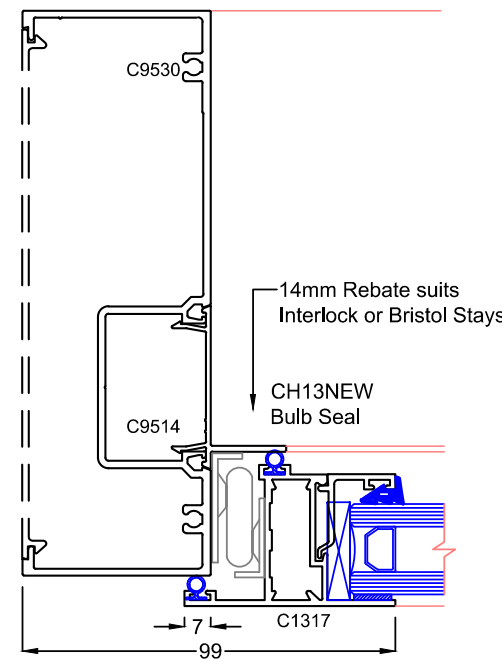


**35mm Awning Overlap Sash**

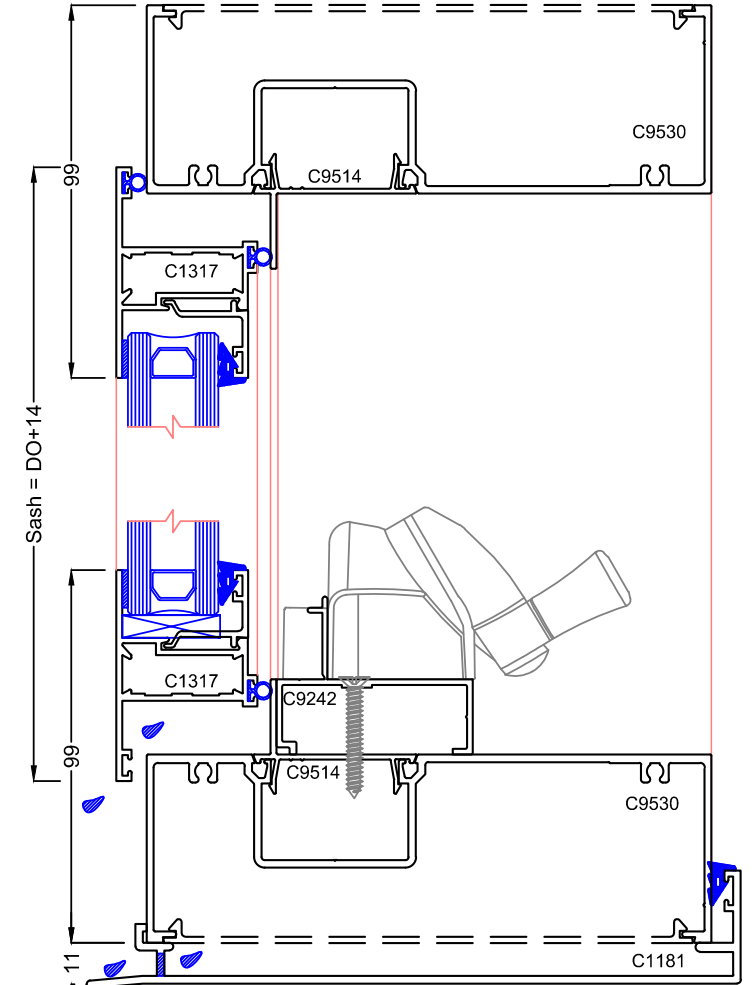


Note:  
Maximum Sash weights generally are 30kg for a single chain winder & 70kg for a dual chain winder & 70kg with stays.  
• Max Sash Height: 1600mm  
• Min Sash Width: 450mm  
• Max Sash Width: 1200mm  
• Glass: 5mm - 24mm  
• Accepts Q-Ion acoustic seals  
Please refer the Sashes segment in the catalogue for further information on sash limits & hardware selection.

**50mm Jamb**

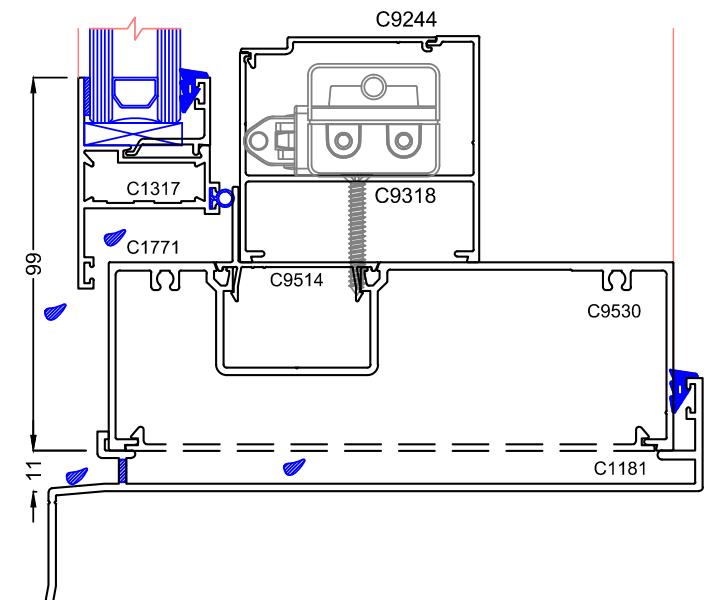


**50mm Head & Sill**

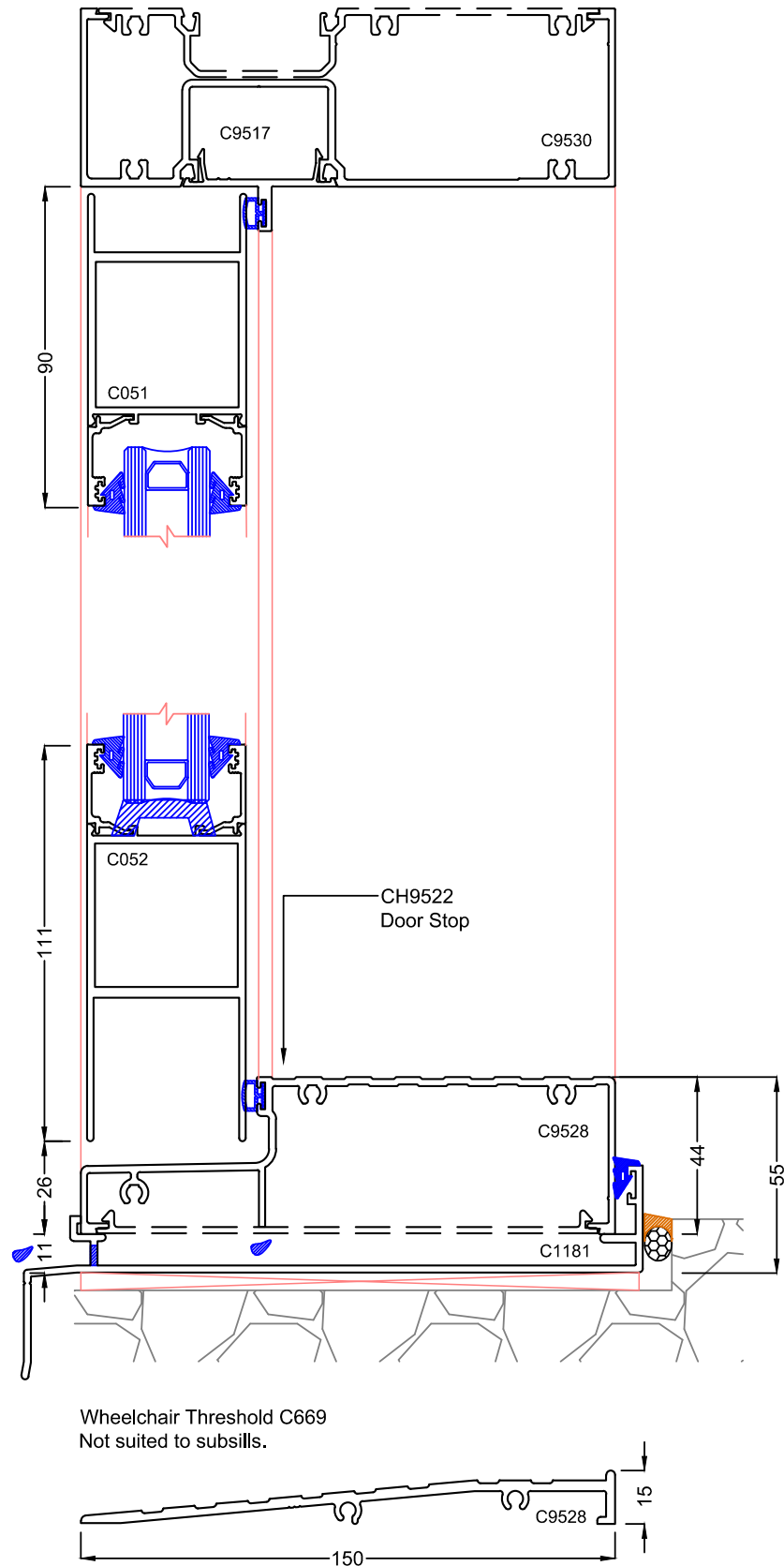


**Motorised Winder box**

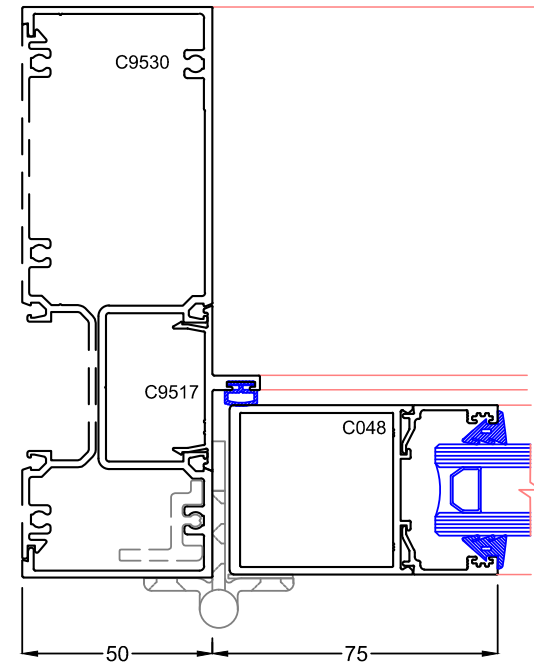
accepts Elevation, Kimo or D&H Mechatronics CDC200



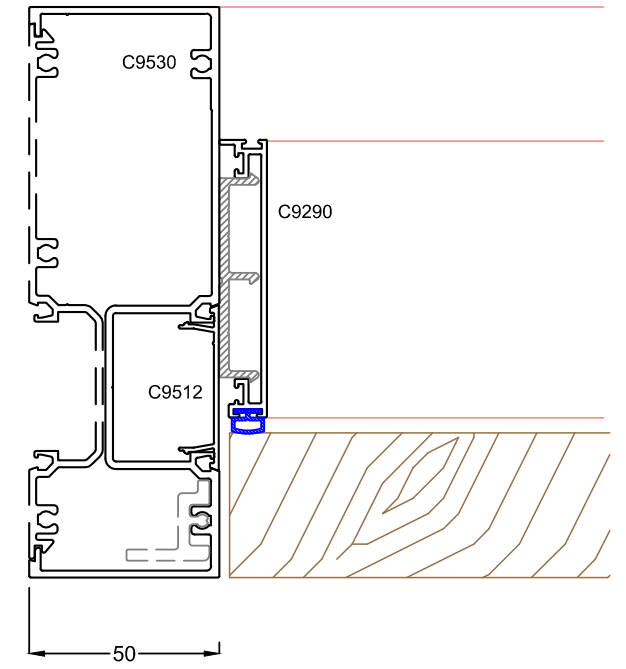
**Max™ 150 x 50mm OFFSET DOUBLE GLAZED - 34mm Pocket**  
**Max Framing Systems: M150ODG - 10**  
**Hinged Door, Open OUT**



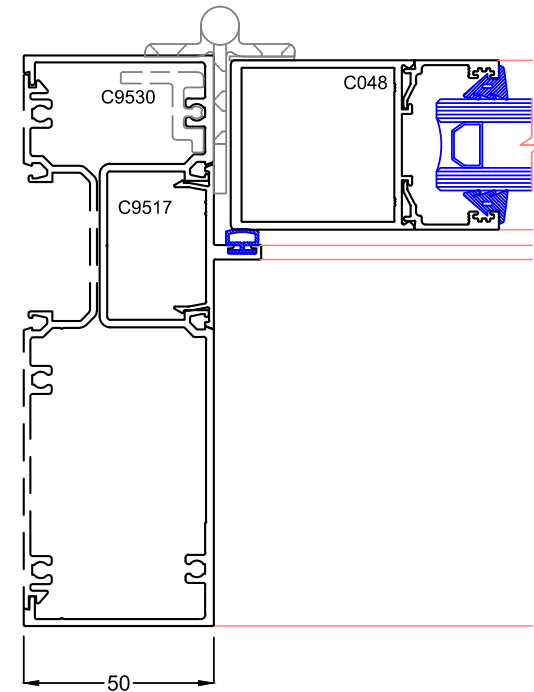
**Jamb Detail Open OUT Door**



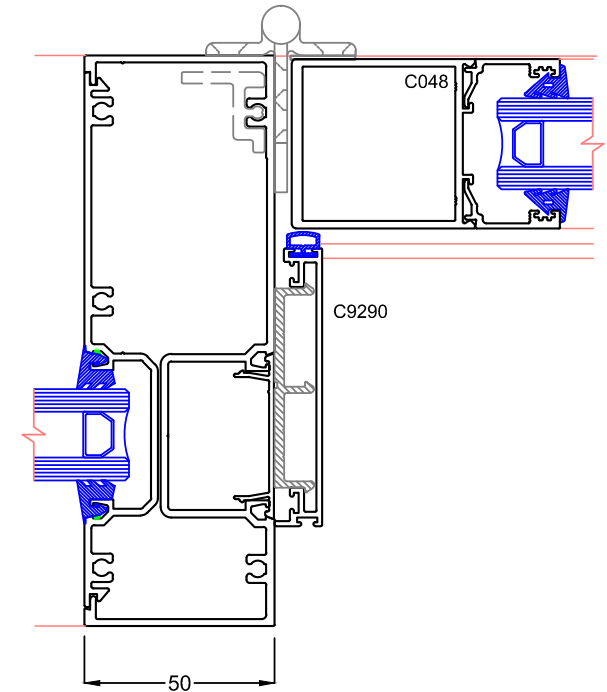
**Jamb Detail Open OUT suit timber door**



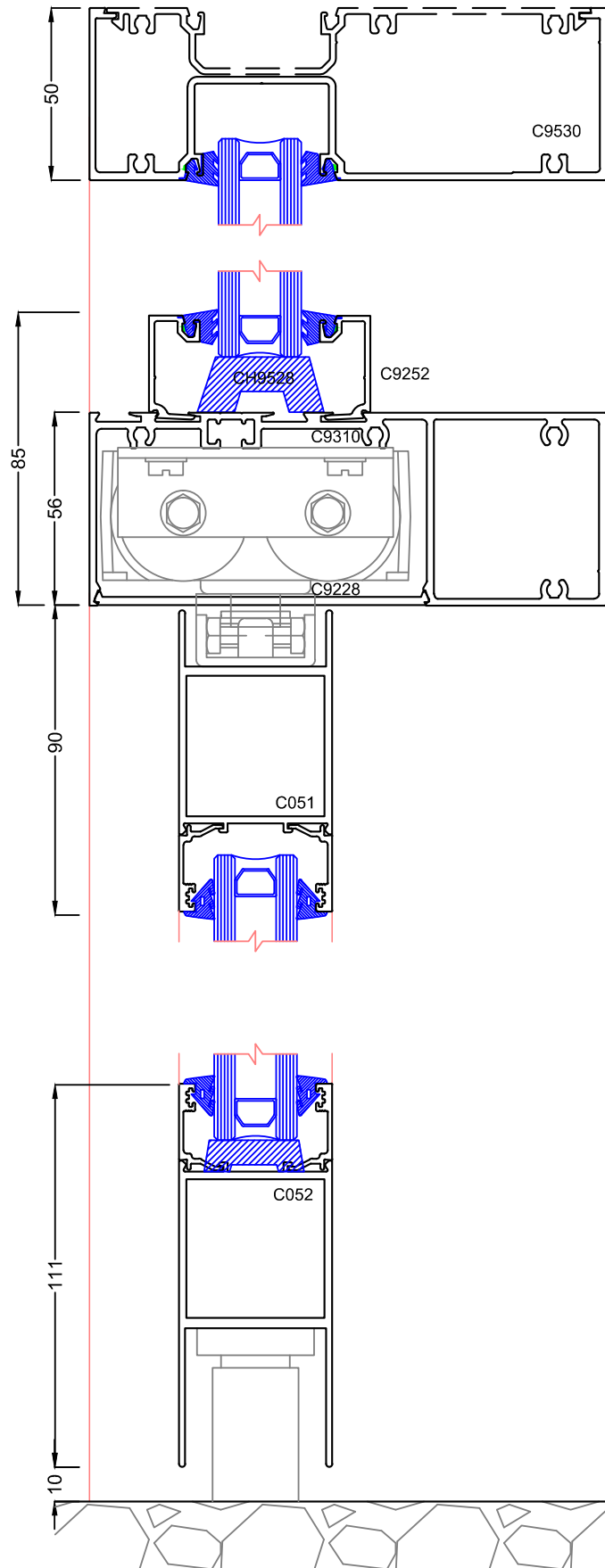
**Jamb Detail Open IN Door with Reversed Jamb**



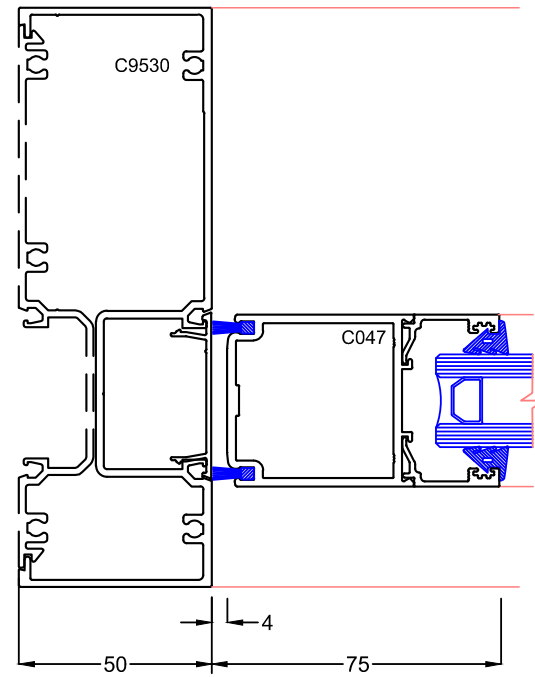
**Mullion Detail Open IN Door with Plant on Door Stop**



**Max™ 150 x 50mm OFFSET DOUBLE GLAZED - 34mm Pocket**  
**Max Framing Systems: M150ODG - 11**  
**Pivot Door & Highlight**

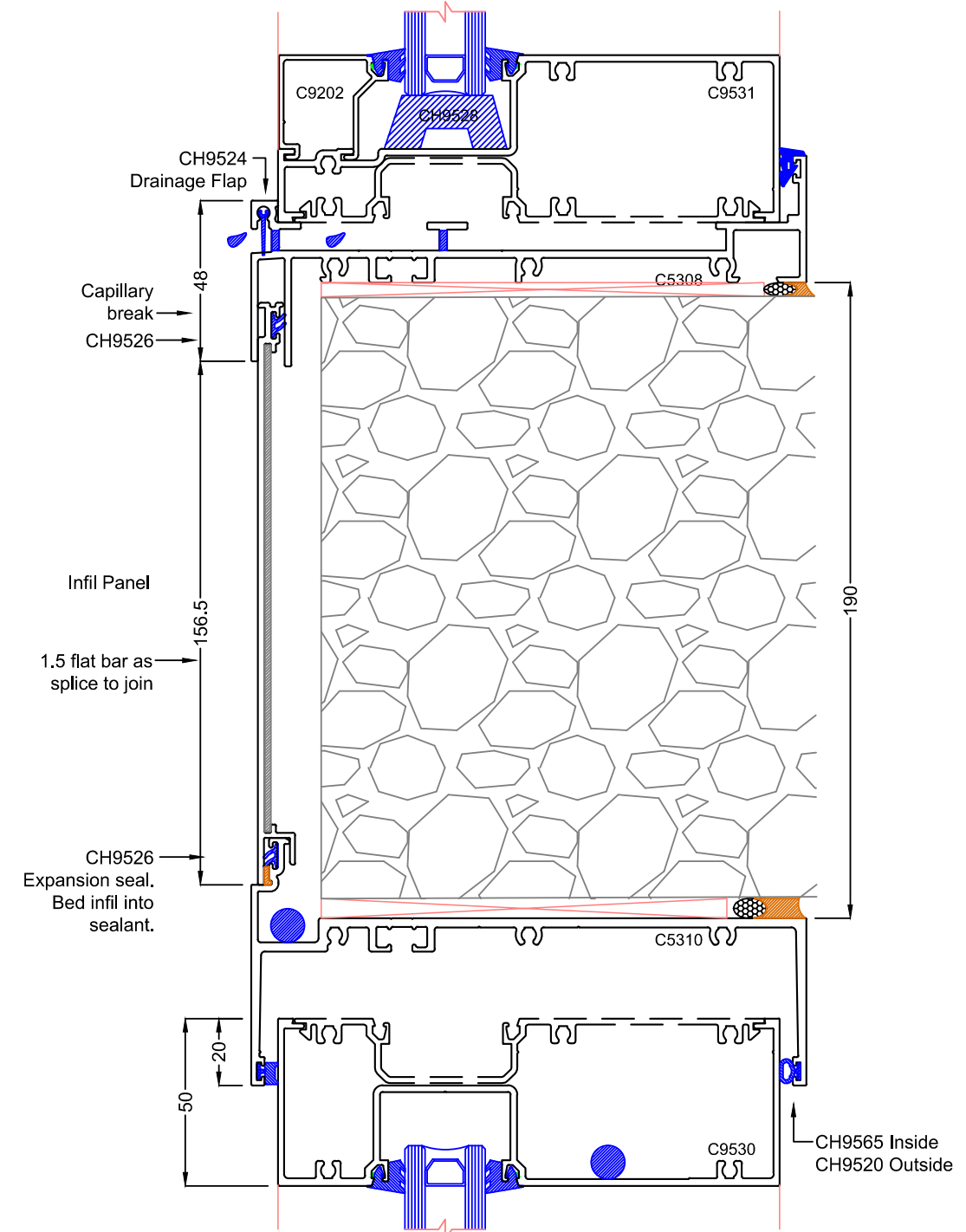


**Jamb Detail Pivot Door**



**Spandrel Sub Head & Subsill**

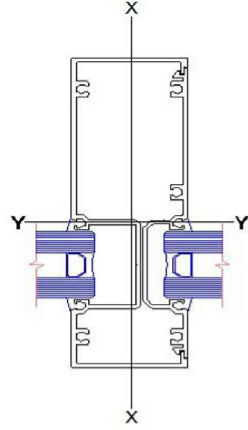
with custom aluminium infil





**Max™ 150 x 50mm OFFSET DOUBLE GLAZED - 34mm Pocket**  
**Max Framing Systems: M150ODG - 12**  
**Mullion Structural Tables**

**Mullion Combination: Max 150x50 STD ODG C9600, C9602**



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

Note the following:

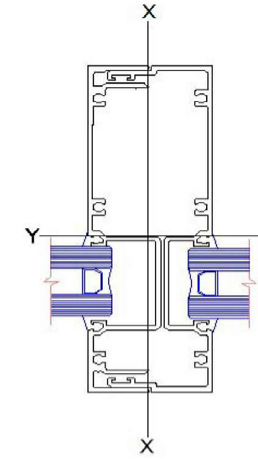
- Maximum Stress = 110Mpa
- Serviceability based on Span/250
- Italics indicate where Serviceability is limited by Ultimate.

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)							
		800	1000	1200	1400	1600	1800	2000	2200
2200	S	6475	5318	4580	4089	3757	3541	3417	3376
	U	6475	5318	4580	4089	3757	3541	3417	3376
2400	S	5366	4388	3758	3330	3033	2826	2689	2610
	U	5366	4388	3758	3330	3033	2826	2689	2610
2600	S	4263	3486	2984	2642	2402	2231	2111	2032
	U	4518	3682	3140	2768	2504	2314	2180	2090
2800	S	3395	2768	2360	2080	1880	1735	1630	1555
	U	3855	3133	2663	2338	2104	1933	1807	1717
3000	S	2749	2235	1900	1668	1501	1378	1287	1220
	U	3327	2698	2287	2001	1794	1640	1525	1439
3200	S	2257	1832	1553	1360	1219	1115	1036	976
	U	2899	2347	1985	1732	1548	1410	1305	1225
3400	S	1876	1520	1287	1123	1004	915	847	795
	U	2547	2060	1739	1514	1350	1226	1130	1057
3600	S	1577	1276	1078	939	838	761	702	656
	U	2255	1821	1536	1335	1187	1075	989	921
3800	S	1338	1081	912	794	706	640		
	U	2010	1622	1366	1185	1052	951		
4000	S	1145	924	779	677	601			
	U	1802	1453	1222	1059	939			
4200	S	988	797	671					
	U	1624	1308	1100					
4400	S	858	692						
	U	1471	1184						
4600	S	750	604						
	U	1338	1076						
4800	S	659							
	U	1222							
5000	S								
	U								
<b>Mullion Centres (mm)</b>		800	1000	1200	1400	1600	1800	2000	2200

**Mullion Structural Tables**

**Mullion Combination: Max 150x50 Split ODG C9606, C9607**



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 Ultimate.

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)							
		800	1000	1200	1400	1600	1800	2000	2200
2200	S	8725	7166	6172	5510	5063	4772	4605	4549
	U	8725	7166	6172	5510	5063	4772	4605	4549
2400	S	7219	5903	5056	4480	4080	3802	3618	3511
	U	7219	5903	5056	4480	4080	3802	3618	3511
2600	S	5855	4788	4099	3629	3299	3064	2900	2792
	U	6068	4945	4217	3717	3363	3108	2928	2807
2800	S	4663	3801	3242	2857	2582	2383	2238	2136
	U	5169	4201	3571	3135	2821	2592	2424	2302
3000	S	3775	3070	2610	2292	2062	1893	1768	1675
	U	4454	3612	3062	2679	2402	2196	2042	1926
3200	S	3100	2516	2134	1868	1675	1531	1423	1341
	U	3875	3137	2654	2316	2069	1885	1745	1638
3400	S	2577	2088	1767	1543	1380	1257	1164	1092
	U	3400	2749	2321	2021	1802	1636	1509	1410
3600	S	2166	1752	1480	1290	1151	1046	965	902
	U	3006	2427	2047	1779	1582	1433	1318	1228
3800	S	1838	1485	1253	1090	970	879	809	754
	U	2675	2158	1817	1577	1400	1266	1161	1079
4000	S	1573	1270	1070	929	826	747	686	638
	U	2395	1930	1624	1408	1248	1126	1031	955
4200	S	1357	1094	921	799	709	640		
	U	2155	1736	1459	1263	1119	1008		
4400	S	1178	950	799	692	613			
	U	1949	1569	1318	1140	1008			
4600	S	1030	830	697	604				
	U	1770	1424	1195	1033				
4800	S	906	729	612					
	U	1615	1298	1089					
5000	S	801	644						
	U	1478	1188						
<b>Mullion Centres (mm)</b>		800	1000	1200	1400	1600	1800	2000	2200