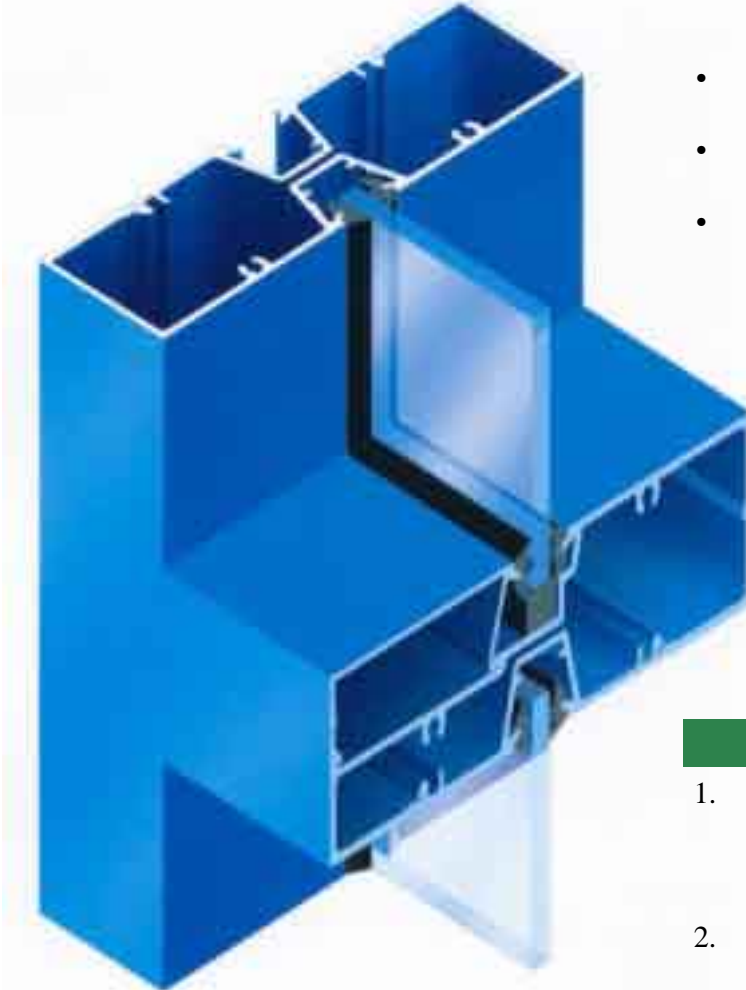


609 Superline

Features

150 x 44mm

- Largest frame depth in the Superline range
- Designed for larger spans and higher performance than 409 framing
- Accepts glass up to 10mm
- Self draining, minimises water penetration
- Can be supplemented by sections from 409 range



Notes

1. Designed for dry glazing techniques and correctly glazed has good weathertight performance
2. Subsills recommended for exposed conditions
3. Expansion mullions should be used on long runs subject to thermal movement.

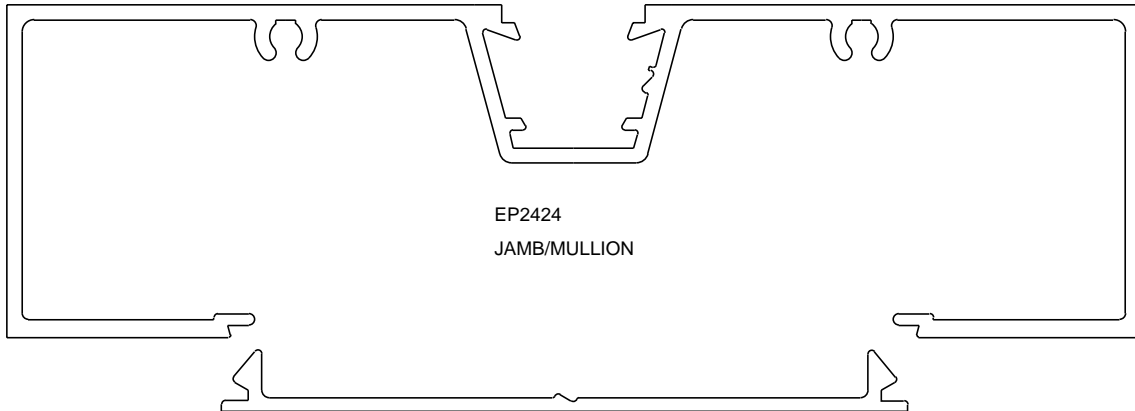
Recommended for use with

409 Superline

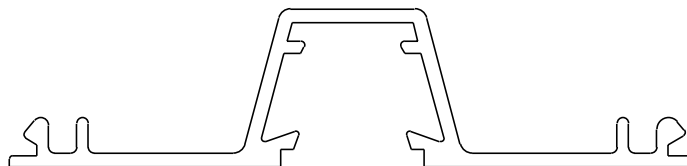
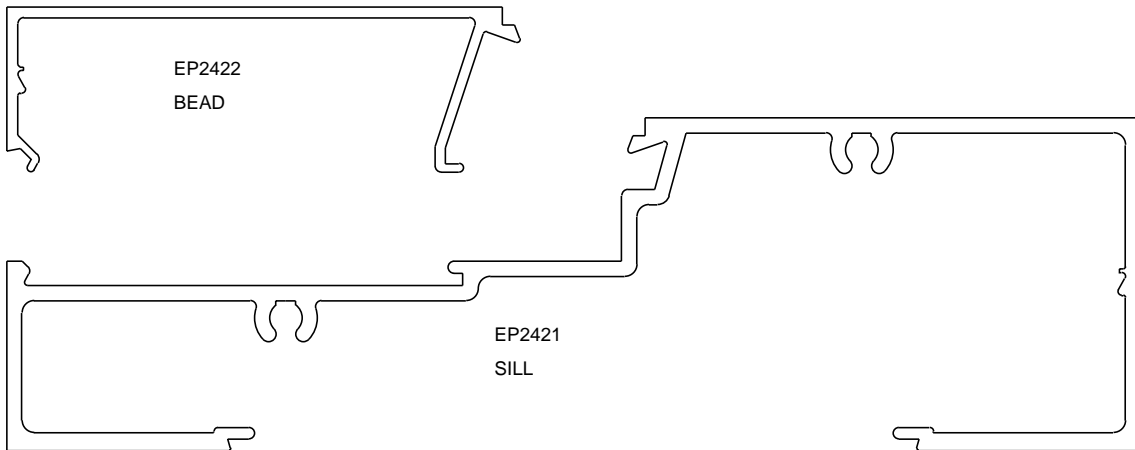
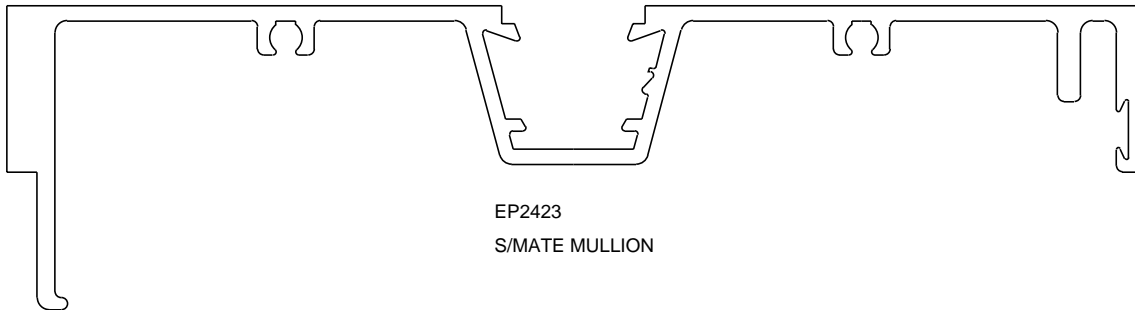
249 Hinged, Pivot and Sliding Doors

AGS

Full size sections

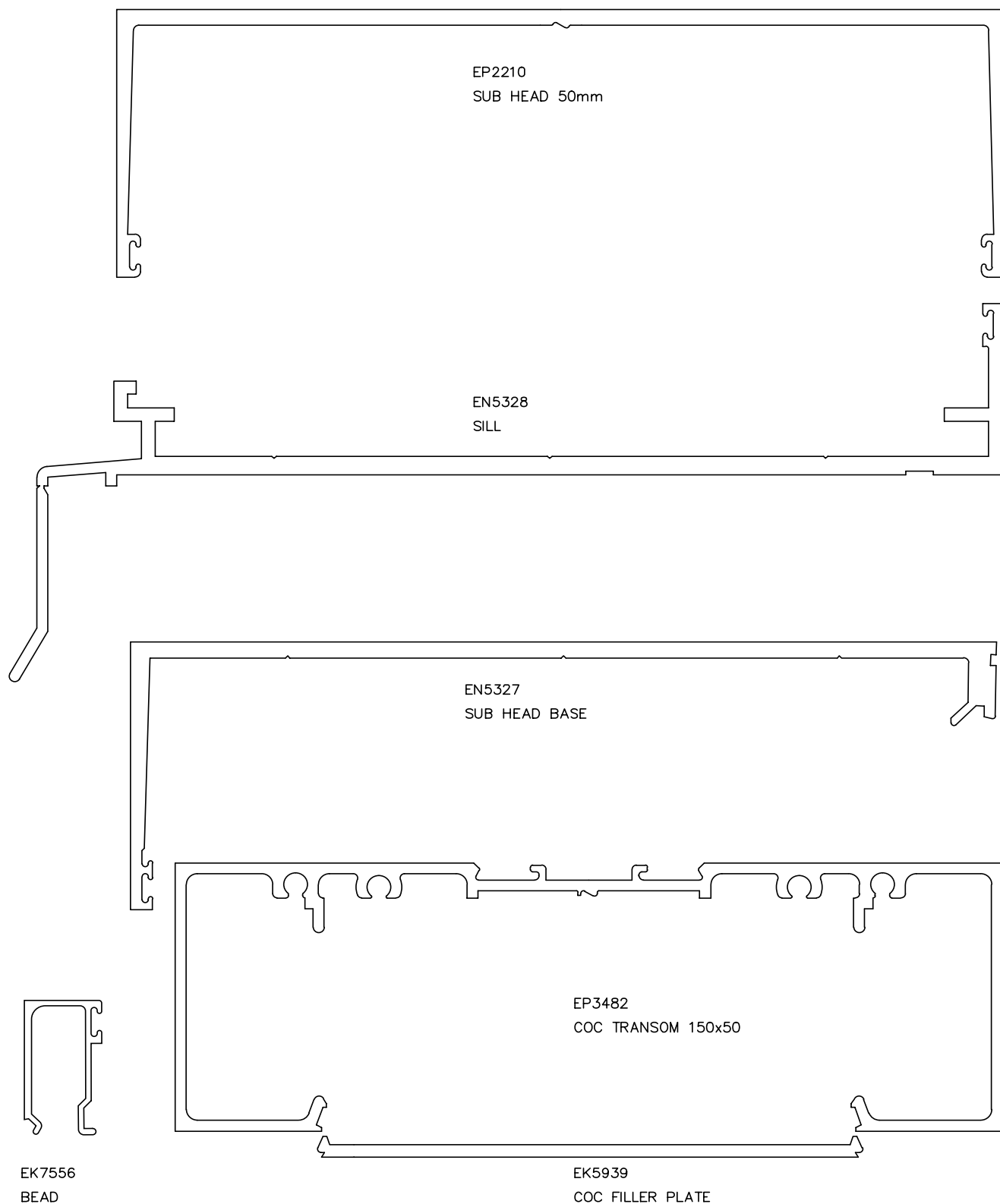


E14695
FLAT FILLER



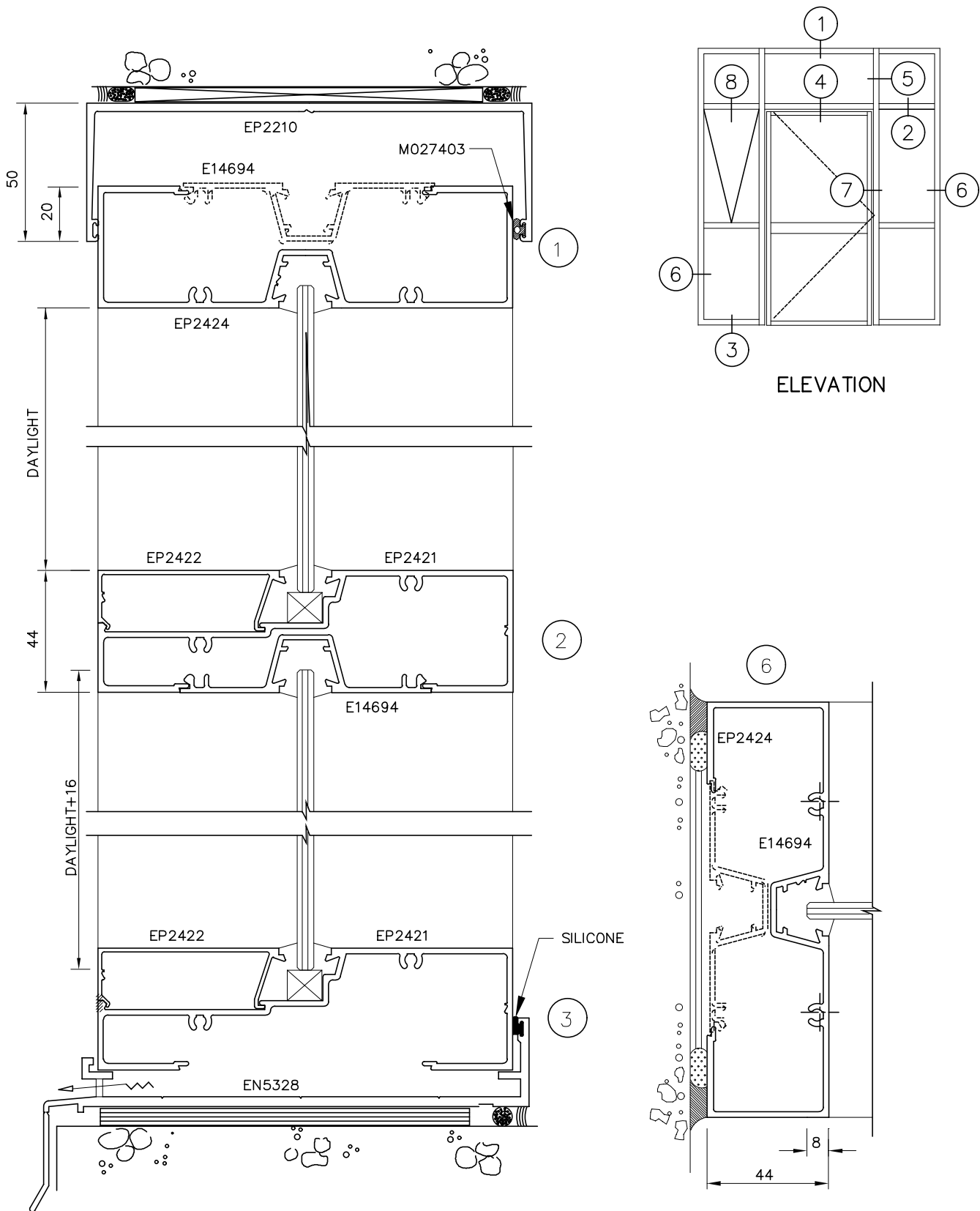
REF: 609F02

Full size sections (cont)



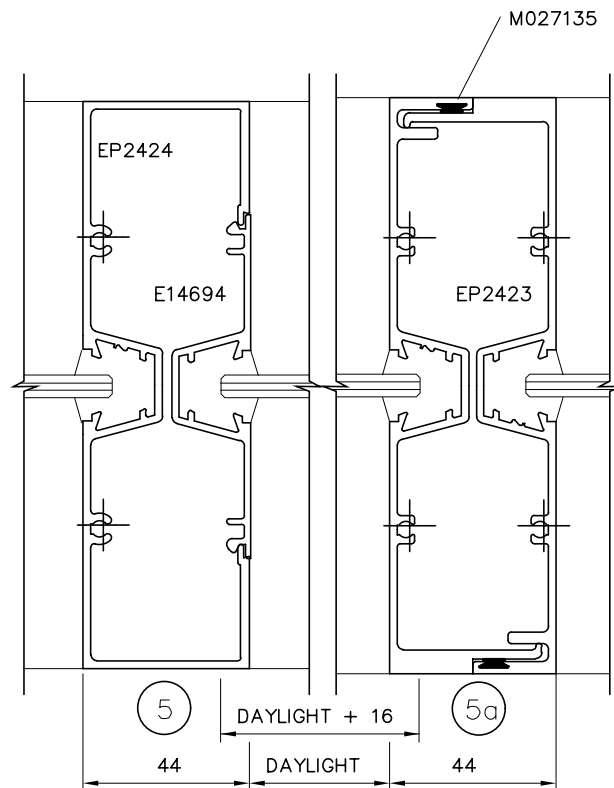
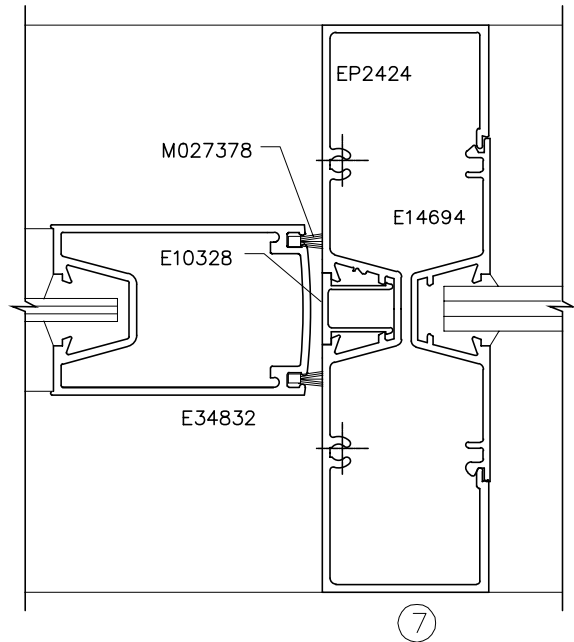
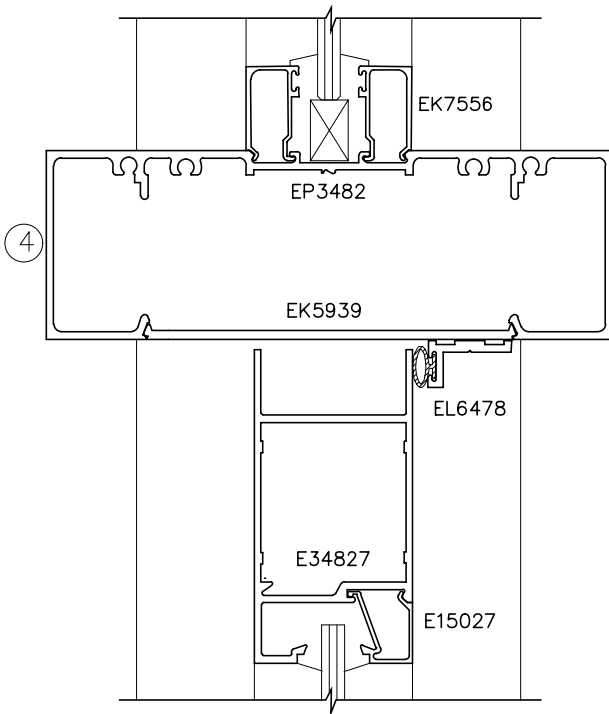
REF: 609F01

Half size assembly

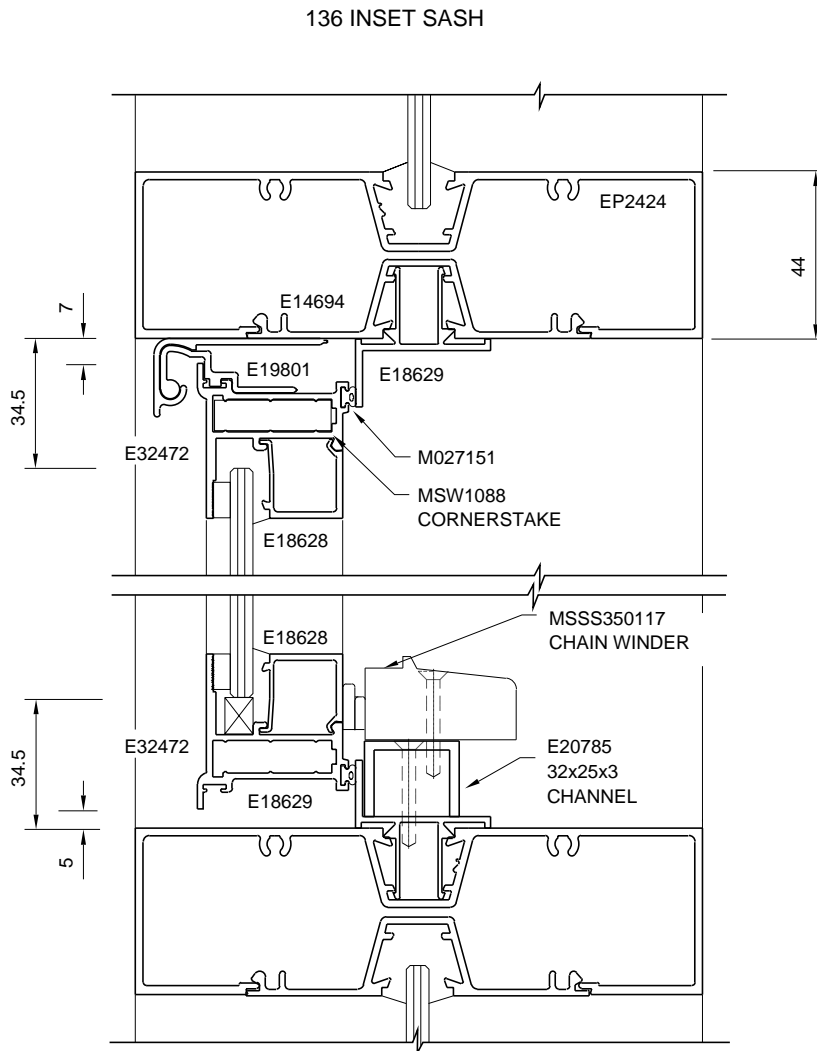


REF: 600H03

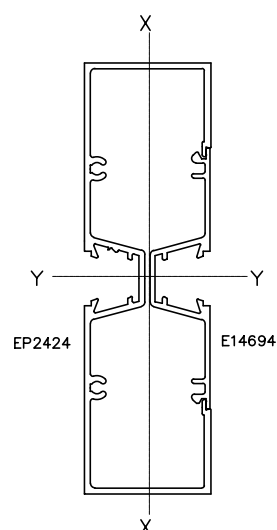
Half size assembly (cont)



Half size assembly (cont)



Mullion Wind Pressure Tables



Mullion Combination: EP2424/E14694

I_{yy} = 2230 x 10³mm⁴ **I_{xx}** = 221 x 10³mm⁴

Max Stress = 110MPa

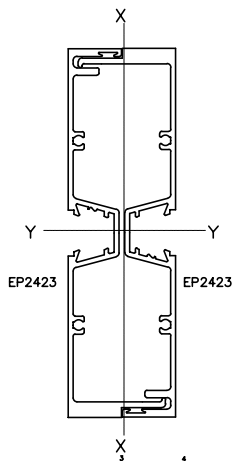
S = Serviceability limit state $l/250$

U = Ultimate limit state method

These tables are based on theoretical section properties, not on approved tests as specified by AS2047

Mullion Height (mm)		Maximum Design Pressure kPa							
3800	S	1.096	.886	.748	.650	.579			
	U	2.111	1.703	1.434	1.245	1.105			
3600	S	1.292	1.045	.883	.770	.686	.624	.576	
	U	2.356	1.903	1.604	1.394	1.240	1.124	1.033	
3400	S	1.537	1.246	1.054	.921	.823	.750	.694	.651
	U	2.647	2.140	1.807	1.573	1.403	1.274	1.175	1.098
3200	S	1.849	1.501	1.273	1.114	.999	.914	.849	.800
	U	2.995	2.425	2.051	1.790	1.600	1.457	1.349	1.266
3000	S	2.252	1.832	1.557	1.367	1.230	1.130	1.055	.999
	U	3.418	2.772	2.350	2.056	1.843	1.685	1.567	1.478
2800	S	2.782	2.268	1.934	1.705	1.541	1.422	1.335	1.274
	U	3.938	3.201	2.720	2.388	2.149	1.975	1.846	1.754
2600	S	3.493	2.856	2.446	2.165	1.968	1.828	1.730	1.666
	U	4.587	3.738	3.188	2.810	2.542	2.350	2.214	2.122
2400	S	4.471	3.670	3.158	2.813	2.575	2.412	2.306	2.246
	U	5.414	4.427	3.792	3.361	3.060	2.852	2.714	2.634
2200	S	5.856	4.831	4.183	3.755	3.470	3.288	3.186	3.153
	U	6.491	5.331	4.592	4.099	3.767	3.550	3.426	3.385
2000	S	7.884	6.548	5.688	5.128	4.772	4.571	4.505	4.505
	U	7.931	6.553	5.688	5.128	4.772	4.571	4.505	4.505
Mullion Spacing (mm)		800	1000	1200	1400	1600	1800	2000	2200

Mullion Wind Pressure Tables (cont)



Mullion Combination: EP2423/EP2423

I_{yy} = 3768 x 10³mm⁴ **I_{xx}** = 114 x 10³mm⁴

Max Stress = 110MPa

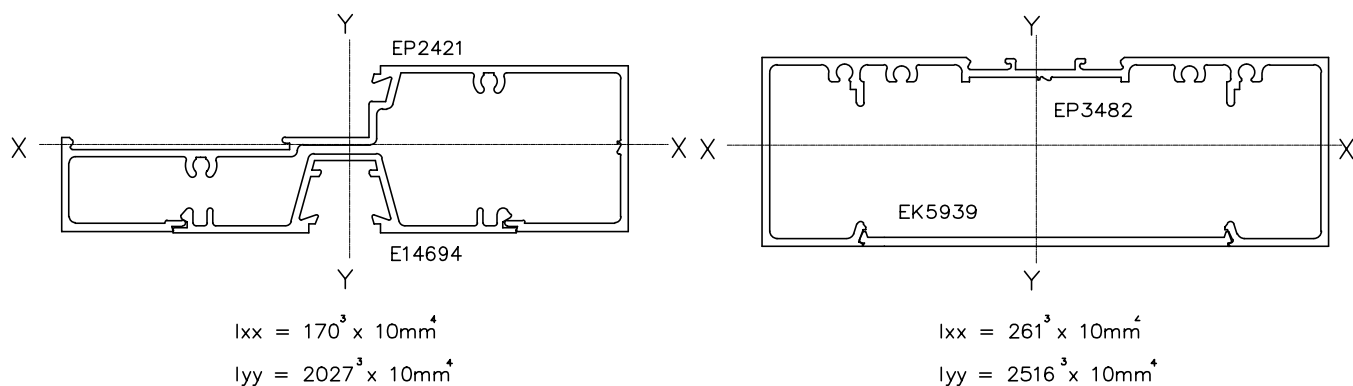
S = Serviceability limit state $\ell/250$

U = Ultimate limit state method

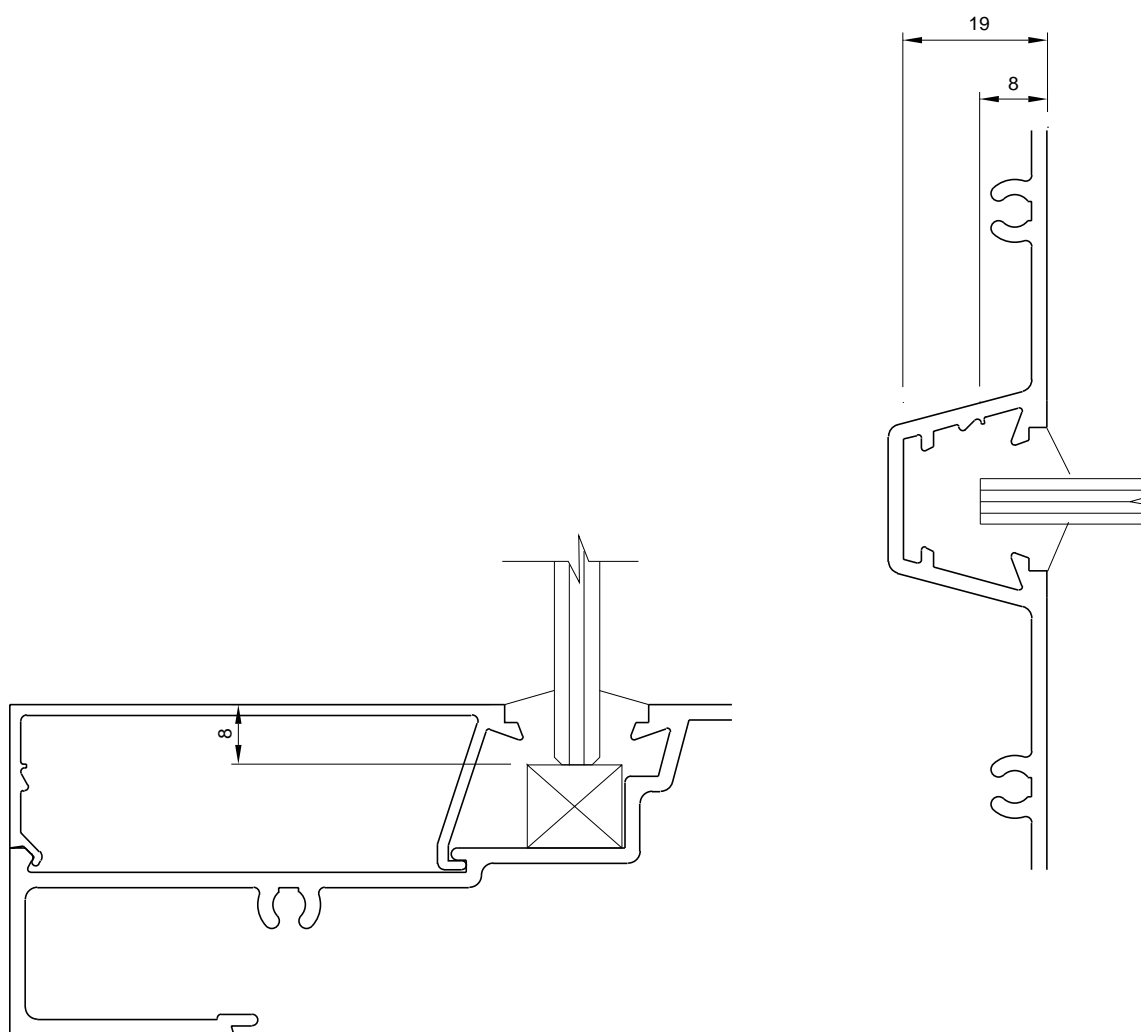
These tables are based on theoretical section properties, not on approved tests as specified by AS2047

Mullion Height (mm)		Maximum Design Pressure kPa							
4400	S	1.188	.957	.805	.698	.618	.558		
	U	2.650	2.133	1.791	1.550	1.371	1.233		
4200	S	1.367	1.103	.928	.805	.715	.645	.591	
	U	2.911	2.345	1.971	1.707	1.511	1.362	1.244	
4000	S	1.585	1.280	1.078	.937	.832	.753	.691	.643
	U	3.214	2.591	2.179	1.889	1.675	1.511	1.384	1.282
3800	S	1.852	1.497	1.263	1.098	.978	.886	.816	.760
	U	3.566	2.877	2.423	2.103	1.867	1.688	1.548	1.438
3600	S	2.183	1.766	1.492	1.300	1.160	1.054	.972	.909
	U	3.980	3.214	2.710	2.356	2.095	1.898	1.745	1.626
3400	S	2.597	2.104	1.781	1.555	1.390	1.267	1.173	1.100
	U	4.471	3.615	3.053	2.658	2.369	2.152	1.984	1.855
3200	S	3.124	2.535	2.150	1.882	1.688	1.543	1.434	1.351
	U	5.060	4.097	3.465	3.024	2.702	2.462	2.278	2.139
3000	S	3.805	3.094	2.631	2.310	2.079	1.908	1.782	1.688
	U	5.774	4.683	3.970	3.473	3.114	2.847	2.647	2.498
2800	S	4.700	3.831	3.267	2.879	2.603	2.402	2.256	2.152
	U	6.652	5.407	4.595	4.034	3.631	3.336	3.119	2.963
2600	S	5.901	4.825	4.131	3.658	3.325	3.088	2.923	2.814
	U	7.749	6.315	5.386	4.747	4.295	3.970	3.740	3.585
2400	S	7.554	6.200	5.335	4.751	4.350	4.075	3.896	3.794
	U	9.147	7.479	6.406	5.677	5.170	4.818	4.584	4.449
Mullion Spacing (mm)		800	1000	1200	1400	1600	1800	2000	2200

Structural details



Glazing details



For detailed glazing methods and wedge configurations refer Table 1-1, *Framing Systems - Selection Chart*, on page 1-9.

