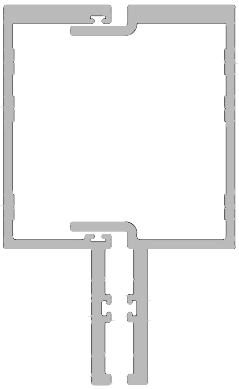
ALTHERM WINDOW SYSTEMS

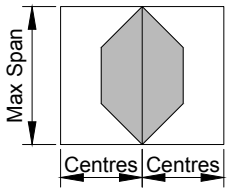
125MM STRUCTURAL GLAZE SYSTEM

SPAN TABLES

Cad Ref. ACSG20-0 **Scale** NTS **Date** 01.04.17

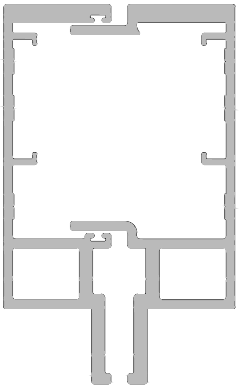
Extrusion: 10034 / 10035
Description: 45mm Platform Split Mullion

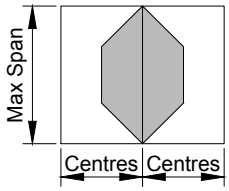




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1500	4495*	4096*	3648*	3233	2961
1600	4411*	4022*	3553	3154	2893
1700	4336*	3956*	3470	3086	2835
1800	4268*	3897*	3398	3027	2786
1900	4207*	3844*	3334	2977	2744
2000	4152*	3797*	3279	2934	2710
2100	4102*	3754*	3231	2898	2682
2200	4057*	3707*	3190	2868	2661
2300	4017*	3656*	3155	2844	2644
2400	3981*	3611*	3125	2825	2632
2500	3948*	3572	3101	2811	2625

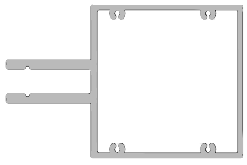
Extrusion: 10038 / 10039
Description: 25mm Platform Split Mullion

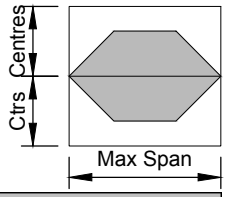




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1500	4736*	4315*	3850*	3551	3297
1600	4647*	4236*	3482*	3490	3216
1700	4567*	4165*	3722*	3431	3146
1800	4494*	4101*	3668*	3360	3085
1900	4428*	4044*	3620*	3298	3032
2000	4369*	3992*	3577	3244	2987
2100	4314*	3946*	3539	3197	2950
2200	4265*	3904*	3506	3157	2918
2300	4221*	3866*	3477	3123	2892
2400	4181*	3833*	3439	3095	2872
2500	4145*	3803*	3405	3071	2856

Extrusion: 10069
Description: 45mm Platform Fixed Transom





	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	2779
1400	3000	3000	3000	2858	2619
1600	3000	3000	3000	2725	2507
1800	3000	3000	2940	2631	2431
2000	3000	3000	2853	2567	2383
2100	3000	3000	2820	2545	2368
2200	3000	3000	2793	2528	2359
2300	3000	3000	2771	2517	2354
2400	3000	3000	2755	2510	2353
2500	3000	3000	2744	2508	2353

Spans are the maximum calculated allowable, based on NZS4211:2008, which requires that the member deflection at serviceability wind pressure (SWP) shall not exceed 1/200 of the span. Hardware and componentry may further restrict the spans. Spans with asterix will meet code requirements but will have max deflection greater than 18mm. For advice we recommend you contact APL Technical Advisory Service

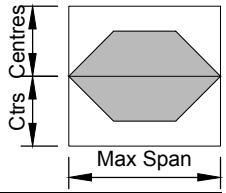
ALTHERM WINDOW SYSTEMS

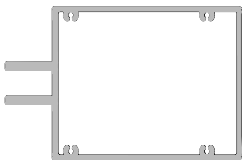
125MM STRUCTURAL GLAZE SYSTEM

SPAN TABLES

Cad Ref. ACSG21-0 **Scale** NTS **Date** 01.04.17

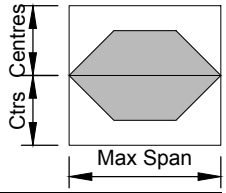
Extrusion: 10096
Description: 25mm Platform Fixed Transom

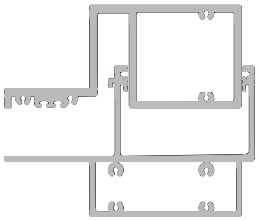




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	2854
1400	3000	3000	3000	2933	2687
1600	3000	3000	3000	2795	2569
1800	3000	3000	3000	2695	2488
2000	3000	3000	2921	2626	2435
2100	3000	3000	2886	2602	2418
2200	3000	3000	2857	2583	2407
2300	3000	3000	2833	2569	2400
2400	3000	3000	2814	2561	2398
2500	3000	3000	2801	2556	2398

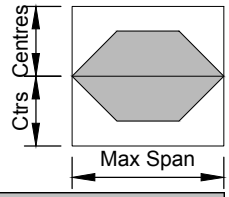
Extrusion: 10042 / 10043
Description: 45mm Platform Split Transom

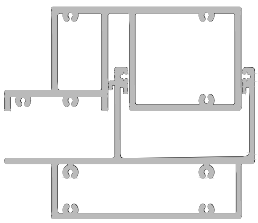




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	2989
1800	3000	3000	3000	3000	2874
2000	3000	3000	3000	3000	2792
2100	3000	3000	3000	2987	2761
2200	3000	3000	3000	2954	2737
2300	3000	3000	3000	2927	2717
2400	3000	3000	3000	2905	2703
2500	3000	3000	3000	2888	2693

Extrusion: 10097 / 10098
Description: 25mm Platform Split Transom





	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	3000
1800	3000	3000	3000	3000	3000
2000	3000	3000	3000	3000	2912
2100	3000	3000	3000	3000	2877
2200	3000	3000	3000	3000	2848
2300	3000	3000	3000	3000	2825
2400	3000	3000	3000	3000	2807
2500	3000	3000	3000	3000	2793

Spans are the maximum calculated allowable, based on NZS4211:2008, which requires that the member deflection at serviceability wind pressure (SWP) shall not exceed 1/200 of the span. Hardware and componentry may further restrict the spans. Spans with asterix will meet code requirements but will have max deflection greater than 18mm. For advice we recommend you contact APL Technical Advisory Service

ALTHERM WINDOW SYSTEMS

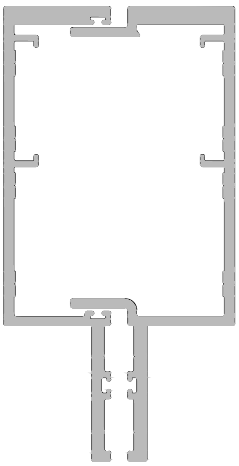
150MM STRUCTURAL GLAZE SYSTEM

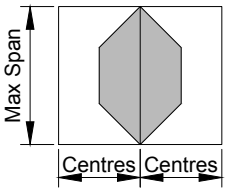
SPAN TABLES

Cad Ref. ACSG22-0 **Scale** NTS **Date** 01.04.17

Extrusion: 10046 / 10047

Description: 45mm Platform Split Mullion

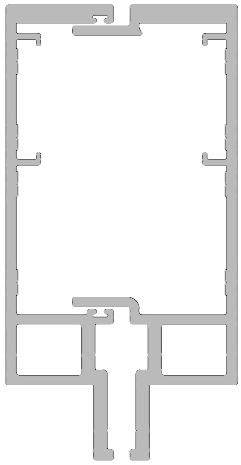


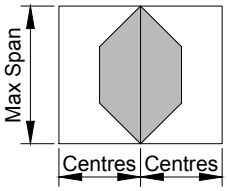


	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1500	5351*	4872*	4330*	3828*	3499
1600	5247*	4780*	4210*	3727*	3410
1700	5153*	4696*	4104*	3638*	3332
1800	5068*	4621*	4010*	3559	3264
1900	4990*	4552*	3926*	3490	3205
2000	4919*	4490*	3851*	3430	3155
2100	4855*	4434*	3785*	3377	3111
2200	4795*	4359*	3726*	3331	3074
2300	4741*	4289*	3851*	3291	3043
2400	4692*	4226*	3629*	3257	3017
2500	4647*	4169*	3589*	3229	2996

Extrusion: 10050 / 10051

Description: 25mm Platform Split Mullion

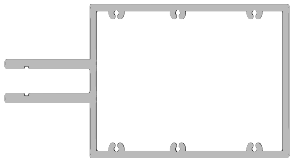


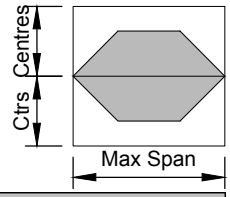


	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1500	5622*	5118*	4560*	4202*	3911*
1600	5512*	5020*	4475*	4125*	3806*
1700	5412*	4931*	4399*	4057*	3714*
1800	5321*	4850*	4329*	3968*	3633*
1900	5239*	4777*	4267*	3886*	3562
2000	5163*	4710*	4211*	3812*	3499
2100	5094*	4650*	4160*	3747*	3444
2200	5030*	4594*	4114*	3690*	3395
2300	4972*	4544*	4072*	3639*	3354
2400	4918*	4498*	4020*	3595	3318
2500	4869*	4456*	3969*	3556	3288

Extrusion: 10071

Description: 45mm Platform Fixed Transom





	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	3000
1800	3000	3000	3000	3000	2964
2000	3000	3000	3000	3000	2875
2100	3000	3000	3000	3000	2841
2200	3000	3000	3000	3000	2814
2300	3000	3000	3000	3000	2792
2400	3000	3000	3000	3000	2775
2500	3000	3000	3000	2966	2762

Spans are the maximum calculated allowable, based on NZS4211:2008, which requires that the member deflection at serviceability wind pressure (SWP) shall not exceed 1/200 of the span. Hardware and componentry may further restrict the spans. Spans with asterix will meet code requirements but will have max deflection greater than 18mm. For advice we recommend you contact APL Technical Advisory Service

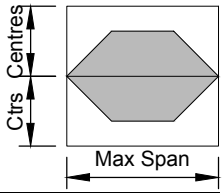
ALTHERM WINDOW SYSTEMS

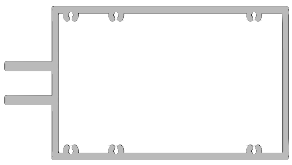
150MM STRUCTURAL GLAZE SYSTEM

SPAN TABLES

Cad Ref. ACSG23-0 **Scale** NTS **Date** 01.04.17

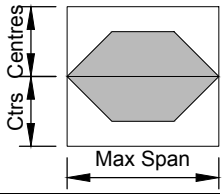
Extrusion: 10023
Description: 25mm Platform Fixed Transom

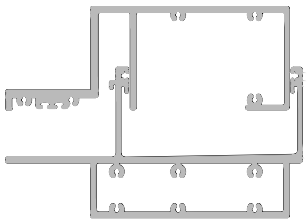




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	3000
1800	3000	3000	3000	3000	3000
2000	3000	3000	3000	3000	3000
2100	3000	3000	3000	3000	2976
2200	3000	3000	3000	3000	2944
2300	3000	3000	3000	3000	2917
2400	3000	3000	3000	3000	2896
2500	3000	3000	3000	3000	2879

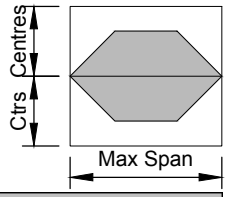
Extrusion: 10054 / 10055
Description: 45mm Platform Split Transom

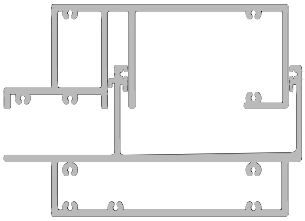




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	3000
1800	3000	3000	3000	3000	3000
2000	3000	3000	3000	3000	3000
2100	3000	3000	3000	3000	3000
2200	3000	3000	3000	3000	3000
2300	3000	3000	3000	3000	3000
2400	3000	3000	3000	3000	3000
2500	3000	3000	3000	3000	3000

Extrusion: 10099 / 10100
Description: 25mm Platform Split Transom





	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	3000
1800	3000	3000	3000	3000	3000
2000	3000	3000	3000	3000	3000
2100	3000	3000	3000	3000	3000
2200	3000	3000	3000	3000	3000
2300	3000	3000	3000	3000	3000
2400	3000	3000	3000	3000	3000
2500	3000	3000	3000	3000	3000

Spans are the maximum calculated allowable, based on NZS4211:2008, which requires that the member deflection at serviceability wind pressure (SWP) shall not exceed 1/200 of the span. Hardware and componentry may further restrict the spans. Spans with asterix will meet code requirements but will have max deflection greater than 18mm. For advice we recommend you contact APL Technical Advisory Service