



THERMAL RESISTANT CYCLONE RATED GLASS SPECIFICATIONS

Delivering Cyclonic Window Solutions with Excellence



E-zone Glass®

THERMAL RESISTANT CYCLONE RATED GLASS - BY GLASSHAPE

glasshape.com

E-zone Glass®												
Region C Impact up to 30m/s AS/NZS 1170 2 2021												
Product	Code	Region	Light Trans. (%)	Reflect. (out) (%)	Reflect. (in) (%)	Solar Trans. (%)	Solar Reflect. (%)	SC	SHGC	U Value Summ. (W/m ² k)	U Value Wint. (W/m ² k)	Sound Reduction Rw dB
			LIGHT			SOLAR		THERMAL			NOISE	
E-zone Glass® Clear CP												
11.4mm E-zone Glass® Clear CP	EZNCP114D	C	80	10	11	61	8	0.77	0.67	2.66	3.40	35
13.4mm E-zone Glass® Clear CP	EZNCP134D	C	79	10	11	56	8	0.73	0.63	2.65	3.37	36
E-zone Glass® Grey CP												
11.4mm E-zone Glass® Grey CP	EZGRCP114D	C	33	6	9	29	6	0.53	0.45	3.14	3.79	35
13.4mm E-zone Glass® Grey CP	EZGRCP134D	C	33	6	9	27	6	0.52	0.44	3.12	3.76	36
E-zone Glass® Plus												
11.4mm E-zone Glass® Plus	EZP114D	C	61	8	10	34	6	0.57	0.48	3.14	3.79	35
13.4mm E-zone Glass® Plus	EZP134D	C	61	8	10	33	6	0.56	0.48	3.12	3.76	36

Custom options available on all products for tints or additional features or specifications.

E-zone Glass® Ultra												
Region C & D Impact up to 39m/s AS/NZS 1170 2 2021												
Product	Code	Region	Light Trans. (%)	Reflect. (out) (%)	Reflect. (in) (%)	Solar Trans. (%)	Solar Reflect. (%)	SC	SHGC	U Value Summ. (W/m ² k)	U Value Wint. (W/m ² k)	Sound Reduction Rw dB
			LIGHT			SOLAR		THERMAL			NOISE	
E-zone Glass® Ultra Clear CP												
12.4mm E-zone Glass® Ultra Clear CP	EZNCP124D	C & D	80	10	11	60	8	0.77	0.66	2.63	3.35	35
14.4mm E-zone Glass® Ultra Clear CP	EZNCP144D	C & D	78	10	11	55	8	0.72	0.62	2.62	3.33	36
16.4mm E-zone Glass® Ultra Clear CP	EZNCP164D	C & D	77	10	11	53	7	0.70	0.61	2.60	3.30	37
18.4mm E-zone Glass® Ultra Clear CP	EZNCP184D	C & D	77	10	11	51	7	0.69	0.59	2.59	3.28	38
E-zone Glass® Ultra Grey CP												
12.4mm E-zone Glass® Ultra Grey CP	EZGRCP124D	C & D	33	6	9	28	6	0.53	0.45	3.11	3.74	35
14.4mm E-zone Glass® Ultra Grey CP	EZGRCP144D	C & D	33	6	9	27	6	0.52	0.45	3.09	3.70	36
16.4mm E-zone Glass® Ultra Grey CP	EZGRCP164D	C & D	32	6	9	26	5	0.52	0.44	3.07	3.67	37
18.4mm E-zone Glass® Ultra Grey CP	EZGRCP184D	C & D	32	6	9	25	5	0.51	0.43	3.05	3.65	38
E-zone Glass® Ultra Plus												
12.4mm E-zone Glass® Ultra Plus	EZP124D	C & D	61	8	10	33	6	0.57	0.49	3.11	3.74	35
14.4mm E-zone Glass® Ultra Plus	EZP144D	C & D	60	8	10	32	6	0.56	0.48	3.09	3.70	36
16.4mm E-zone Glass® Ultra Plus	EZP164D	C & D	60	8	10	31	6	0.56	0.47	3.07	3.67	37
18.4mm E-zone Glass® Ultra Plus	EZP184D	C & D	59	8	10	31	6	0.55	0.47	3.05	3.65	38

Custom options available on all products for tints or additional features or specifications.

NB: Conditions and calculation of the optical and solar performance data are based on ASHRAE Standard. Performance data is based on representative value from software tabulation and information available at the time of preparation of this document which is subject to changes without notice. Actual value may vary slightly due to variations in the production process. Other glass manufacturers and coaters may use different instruments and measurement techniques. Therefore, reported performance values may vary on identical products by others. STC Ratings are estimated from test results of similar like product build ups.

E-zone Glass [®] Extreme												
Region C & D Impact up to 44m/s AS/NZS 1170 2 2021												
Product	Code	Region	Light Trans. (%)	Reflect. (out) (%)	Reflect. (in) (%)	Solar Trans. (%)	Solar Reflect. (%)	SC	SHGC	U Value Summ. (W/m ² k)	U Value Wint. (W/m ² k)	Sound Reduction Rw dB
			LIGHT			SOLAR		THERMAL			NOISE	
E-zone Glass[®] Extreme Clear CP												
14.1mm E-zone Glass [®] Extreme Clear CP	EZNCP141D	C & D	79	10	11	59	8	0.76	0.65	2.58	3.27	35
16.1mm E-zone Glass [®] Extreme Clear CP	EZNCP161D	C & D	77	10	11	54	8	0.72	0.62	2.57	3.24	36
18.1mm E-zone Glass [®] Extreme Clear CP	EZNCP181D	C & D	76	10	11	52	7	0.70	0.60	2.55	3.22	37
20.1mm E-zone Glass [®] Extreme Clear CP	EZNCP201D	C & D	76	10	11	50	7	0.68	0.59	2.54	3.20	38
E-zone Glass[®] Extreme Grey CP												
14.1mm E-zone Glass [®] Extreme Grey CP	EZGRCP141D	C & D	33	6	9	28	6	0.54	0.46	3.04	3.63	35
16.1mm E-zone Glass [®] Extreme Grey CP	EZGRCP161D	C & D	32	6	9	27	6	0.53	0.45	3.02	3.60	36
18.1mm E-zone Glass [®] Extreme Grey CP	EZGRCP181D	C & D	32	6	9	26	5	0.52	0.44	3.00	3.58	37
20.1mm E-zone Glass [®] Extreme Grey CP	EZGRCP201D	C & D	32	6	9	25	5	0.51	0.44	2.98	3.55	38
E-zone Glass[®] Extreme Plus												
14.1mm E-zone Glass [®] Extreme Plus	EZP141D	C & D	60	8	10	33	6	0.57	0.49	3.04	3.63	35
16.1mm E-zone Glass [®] Extreme Plus	EZP161D	C & D	60	8	10	32	6	0.57	0.48	3.02	3.60	36
18.1mm E-zone Glass [®] Extreme Plus	EZP181D	C & D	59	8	10	31	6	0.56	0.48	3.00	3.58	37
20.1mm E-zone Glass [®] Extreme Plus	EZP201D	C & D	59	8	10	30	6	0.55	0.47	2.98	3.54	38

Custom options available on all products for tints or additional features or specifications.

When requesting pricing or technical information please ensure the following details are available:

- Confirm Cyclonic region of your project (C or D)
- Confirm Building Importance Level (1,2,3,4)
- ULS (Ultimate Limit State) and or SLS (Serviceability Limit State) Wind Pressures
- Provide size details of glass or windows
- Reference these tables to confirm specifications for the correct E-zone Glass[®] product for your project.
- Specify using the correct product code.
- Call Glasshape Customer Service Team for further assistance if unsure. Have the peace of mind that your project will perform in the demanding conditions of cyclonic activity.

Front Cover Image: Cyclone Larry - Babinda, Queensland - Wreaking havoc and destruction
 Photographer: Brian Cassey



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