



THERMAL RESISTANT CYCLONE RATED GLASS SPECIFICATIONS



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E-zone Glass® 15m/s Impact Resistance (AS/NZS1170.2.2002 Cyclone Impact Resistance)														
Product Type	Tint	Product Code	Region	Visible Light Trans. %	Visible Light Reflect (out). %	Visible Light Reflect (in). %	Solar Trans. %	Solar Reflect. %	SHGC	SC	U Value (W/m2K) Summer	U Value (W/m2K) Winter	R Value	STC (dB)
				LIGHT			SOLAR		THERMAL				NOISE	
8mm E-zone® CP	Clear Low E	EZCLCP08	-	82	11	12	65	9	0.69	0.80	2.74	3.54	0.28	34
10mm E-zone® CP	Clear Low E	EZCLCP10	-	81	11	11	63	9	0.68	0.79	2.73	3.51	0.28	35
12mm E-zone® CP	Clear Low E	EZCLCP12	-	80	10	11	57	8	0.64	0.74	2.72	3.49	0.29	36
14mm E-zone® CP	Clear Low E	EZCLCP14	-	79	10	11	55	8	0.62	0.72	2.70	3.46	0.29	37
8mm E-zone® CP	Neutral Low E	EZNCP08	-	60	8	10	43	7	0.53	0.62	2.75	3.54	0.28	34
10mm E-zone® CP	Neutral Low E	EZNCP10	-	59	8	10	42	7	0.53	0.62	2.74	3.52	0.28	35
12mm E-zone® CP	Neutral Low E	EZNCP12	-	58	8	9	39	6	0.50	0.59	2.72	3.49	0.29	36
14mm E-zone® CP	Neutral Low E	EZNCP14	-	58	8	9	37	6	0.49	0.58	2.71	3.46	0.29	37
8mm E-zone® CP	Grey Low E	EZGRCP08	-	28	5	8	26	5	0.40	0.48	2.75	3.54	0.28	34
10mm E-zone® CP	Grey Low E	EZGRCP10	-	28	5	8	26	5	0.40	0.47	2.74	3.52	0.28	35
12mm E-zone® CP	Grey Low E	EZGRCP12	-	28	5	8	23	5	0.38	0.45	2.72	3.49	0.29	36
14mm E-zone® CP	Grey Low E	EZGRCP14	-	27	5	8	22	5	0.38	0.45	2.71	3.46	0.29	37

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

E-zone Glass® Ultra "Region C & D" - 39m/s Impact Resistance (AS/NZS1170.2.2011 Cyclone Impact Resistance)														
Product Type	Tint	Product Code	Region	Visible Light Trans. %	Visible Light Reflect (out) %	Visible Light Reflect (in) %	Solar Trans. %	Solar Reflect. %	SHGC	SC	U Value (W/m2K) Summer	U Value (W/m2K) Winter	R Value	STC (dB)
				LIGHT			SOLAR		THERMAL				NOISE	
12.4mm E-zone® Ultra CP	Clear Low E	EZCLCP124D	Region C & D	80	10	11	60	8	0.66	0.77	2.63	3.35	0.30	35
14.4mm E-zone® Ultra CP	Clear Low E	EZCLCP144D	Region C & D	78	10	11	55	8	0.62	0.72	2.62	3.33	0.30	36
16.4mm E-zone® Ultra CP	Clear Low E	EZCLCP164D	Region C & D	77	10	11	53	7	0.61	0.70	2.60	3.30	0.30	37
18.4mm E-zone® Ultra CP	Clear Low E	EZCLCP184D	Region C & D	77	10	11	51	7	0.59	0.69	2.59	3.28	0.30	38
12.4mm E-zone® Ultra CP	Neutral Low E	EZNCP124D	Region C & D	58	8	10	41	6	0.53	0.62	2.64	3.36	0.30	35
14.4mm E-zone® Ultra CP	Neutral Low E	EZNCP144D	Region C & D	57	8	9	37	6	0.50	0.59	2.62	3.33	0.30	36
16.4mm E-zone® Ultra CP	Neutral Low E	EZNCP164D	Region C & D	57	7	9	36	6	0.49	0.58	2.61	3.31	0.30	37
18.4mm E-zone® Ultra CP	Neutral Low E	EZNCP184D	Region C & D	56	7	9	35	6	0.48	0.57	2.59	3.28	0.30	38
12.4mm E-zone® Ultra CP	Grey Low E	EZGRCP124D	Region C & D	29	5	8	23	5	0.39	0.45	2.63	3.35	0.30	35
14.4mm E-zone® Ultra CP	Grey Low E	EZGRCP144D	Region C & D	29	5	8	22	5	0.39	0.44	2.61	3.33	0.30	36
16.4mm E-zone® Ultra CP	Grey Low E	EZGRCP164D	Region C & D	29	5	8	22	5	0.38	0.44	2.60	3.30	0.30	37
18.4mm E-zone® Ultra CP	Grey Low E	EZGRCP184D	Region C & D	29	5	8	21	5	0.38	0.43	2.58	3.28	0.30	38

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NB: Conditions and calculation of the above 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" - 44m/s Impact Resistance (AS/NZS1170.2.2011 Cyclone Impact Resistance)														
Product Type	Tint	Product Code	Region	Visible Light Trans. %	Visible Light Reflect (out) %	Visible Light Reflect (in) %	Solar Trans. %	Solar Reflect. %	SHGC	SC	U Value (W/m2K) Summer	U Value (W/m2K) Winter	R Value	STC (dB)
				LIGHT			SOLAR		THERMAL				NOISE	
14.1mm E-zone [®] Extreme CP	Clear Low E	EZCLCP141D	Region C & D	79	10	11	59	8	0.65	0.76	2.58	3.27	0.31	35
16.1mm E-zone [®] Extreme CP	Clear Low E	EZCLCP161D	Region C & D	77	10	11	54	8	0.62	0.72	2.57	3.24	0.31	36
18.1mm E-zone [®] Extreme CP	Clear Low E	EZCLCP181D	Region C & D	76	10	11	52	7	0.60	0.70	2.55	3.22	0.31	37
20.1mm E-zone [®] Extreme CP	Clear Low E	EZCLCP201D	Region C & D	76	10	11	50	7	0.59	0.68	2.54	3.20	0.31	38
14.1mm E-zone [®] Extreme CP	Neutral Low E	EZNCP141D	Region C & D	58	8	9	40	6	0.52	0.61	2.58	3.27	0.31	35
16.1mm E-zone [®] Extreme CP	Neutral Low E	EZNCP161D	Region C & D	57	7	9	37	6	0.50	0.59	2.57	3.25	0.31	36
18.1mm E-zone [®] Extreme CP	Neutral Low E	EZNCP181D	Region C & D	56	7	9	35	6	0.49	0.58	2.56	3.22	0.31	37
20.1mm E-zone [®] Extreme CP	Neutral Low E	EZNCP201D	Region C & D	56	7	9	34	6	0.48	0.57	2.54	3.20	0.31	38
14.1mm E-zone [®] Extreme CP	Grey Low E	EZGRCP141D	Region C & D	27	5	8	24	5	0.41	0.49	2.58	3.27	0.31	35
16.1mm E-zone [®] Extreme CP	Grey Low E	EZGRCP161D	Region C & D	27	5	8	22	5	0.40	0.47	2.57	3.25	0.31	36
18.1mm E-zone [®] Extreme CP	Grey Low E	EZGRCP181D	Region C & D	27	5	8	21	5	0.39	0.46	2.56	3.22	0.31	37
20.1mm E-zone [®] Extreme CP	Grey Low E	EZGRCP201D	Region C & D	26	5	8	20	5	0.39	0.46	2.54	3.20	0.31	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 Glassshape 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.



New Zealand (Head Office)

65-67 Woodcocks Road, Warkworth,
P.O.Box 358, Warkworth 0910, Auckland
Freephone: 0800 883 336
Phone: +64 9 422 2565
info@glasshape.co.nz
glasshape.com

Australia

Freephone: 1800 042 716
Perth: +61 8 9468 2722
Sydney: +61 2 8011 1831
Melbourne: +61 3 9099 0200
Brisbane: +61 7 3175 0501
info@glasshape.com
glasshape.com



Agent:

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