



# THERMAL RESISTANT CYCLONE RATED GLASS SPECIFICATIONS

Delivering Bent & Specialist Glass with Excellence



E-zone Glass®

THERMAL RESISTANT CYCLONE RATED GLASS - BY GLASSHAPE

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Thermal and Solar Efficient Options										
"Region D" - 44m/s Impact Resistance (AS/NZS1170.2.2011 Cyclone Impact Resistance)										
Product Code	Thickness	Weight m <sup>2</sup>	Light Trans. %	Reflect (out). %	Reflect (in). %	Solar Trans. %	Solar Reflect. %	SC	SHGC	U Value (W/m2K) Summer
			LIGHT			SOLAR		THERMAL		
<b>Ezone® Gen3 Clear</b>										
EZCL141D	14.1mm (9/16")	25kg	80	11	10	57	7	0.75	0.65	2.57
EZCL161D	16.1mm (5/8")	30kg	78	11	10	52	7	0.70	0.61	2.53
EZCL181D	18.1mm (23/32")	35kg	77	10	9	50	7	0.68	0.59	2.52
<b>Ezone® Gen3 Neutral</b>										
EZNCP141D	14.1mm (9/16")	25kg	57	9	7	36	6	0.57	0.49	2.57
EZNCP161D	16.1mm (5/8")	30kg	56	9	7	35	6	0.55	0.48	2.56
ENZCP181D	18.1mm (23/32")	35kg	56	9	7	34	5	0.55	0.48	2.54
<b>Ezone® Gen3 Grey</b>										
EZGRCP141D	14.1mm (9/16")	25kg	40	9	6	36	5	0.57	0.49	2.57
EZGRCP161D	16.1mm (5/8")	30kg	39	9	6	32	5	0.53	0.46	2.53
EZGRCP181D	18.1mm (23/32")	35kg	39	8	5	31	5	0.52	0.45	2.52

Thermal and Solar Efficient Options										
"Region D" - 39m/s Impact Resistance (AS/NZS1170.2.2011 Cyclone Impact Resistance)										
Product Code	Thickness	Weight m <sup>2</sup>	Light Trans. %	Reflect (out). %	Reflect (in). %	Solar Trans. %	Solar Reflect. %	SC	SHGC	U Value (W/m2K) Summer
			LIGHT			SOLAR		THERMAL		
<b>Ezone® Gen2 Clear</b>										
EZCL124D	12.4mm (1/2")	25kg	80	11	10	58	8	0.75	0.65	2.62
EZCL144D	14.4mm (9/16")	30kg	78	11	10	52	7	0.70	0.61	2.58
EZCL164D	16.4mm (5/8")	35kg	77	10	9	50	7	0.69	0.60	2.57
EZCL184D	18.4mm (3/4")	40kg	76	10	9	47	6	0.66	0.57	2.55
<b>Ezone® Gen2 Neutral</b>										
EZNCP124D	12.4mm (1/2")	25kg	59	7	9	38	6	0.59	0.50	2.57
EZNCP144D	14.4mm (9/16")	30kg	58	7	9	36	6	0.57	0.49	2.56
EZNCP164D	16.4mm (5/8")	35kg	57	7	9	35	6	0.56	0.48	2.54
EZNCP184D	18.4mm (3/4")	40kg	57	7	9	34	6	0.55	0.47	2.53
<b>Ezone® Gen2 Grey</b>										
EZGRCP124D	12.4mm (1/2")	25kg	39	6	9	39	6	0.59	0.51	2.55
EZGRCP144D	14.4mm (9/16")	30kg	39	5	9	36	6	0.57	0.49	2.52
EZGRCP164D	16.4mm (5/8")	35kg	38	6	9	32	5	0.53	0.46	2.50
EZGRCP184D	18.4mm (3/4")	40kg	38	5	8	30	5	0.52	0.45	2.47

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



## Technical Specifications

Thermal and Solar Efficient Options										
"Region C" - 30m/s Impact Resistance (AS/NZS1170.2.2011 Cyclone Impact Resistance)										
Product Code	Thickness	Weight m <sup>2</sup>	Light Trans. %	Reflect (out). %	Reflect (in). %	Solar Trans. %	Solar Reflect. %	SC	SHGC	U Value (W/m2K) Summer
			LIGHT			SOLAR		THERMAL		
<b>Ezone® Gen2 Clear</b>										
EZCL114C	11.4mm (7/16")	24kg	81	11	10	61	8	0.76	0.67	2.68
EZCL134C	13.4mm (1/2")	29kg	80	11	10	58	7	0.71	0.65	2.62
EZCL154C	15.4mm (5/8")	34kg	79	10	9	55	7	0.70	0.61	2.58
EZCL174C	17.4mm (11/16")	37kg	78	10	9	52	6	0.68	0.59	2.57
<b>Ezone® Gen2 Neutral</b>										
EZNCP114C	11.4mm (7/16")	24kg	59	7	9	38	6	0.59	0.50	2.60
EZNCP134C	13.4mm (1/2")	29kg	58	7	9	36	6	0.57	0.49	2.58
EZNCP154C	15.4mm (5/8")	34kg	57	7	9	35	6	0.56	0.48	2.55
EZNCP174C	17.4mm (11/16")	37kg	57	7	9	34	6	0.55	0.47	2.52
<b>Ezone® Gen2 Grey</b>										
EZGRCP114C	11.4mm (7/16")	24kg	39	6	9	39	6	0.59	0.51	2.58
EZGRCP134C	13.4mm (1/2")	29kg	39	5	9	36	6	0.57	0.49	2.55
EZGRCP154C	15.4mm (5/8")	34kg	38	6	9	32	5	0.53	0.46	2.53
EZGRCP174C	17.4mm (11/16")	37kg	38	5	8	30	5	0.52	0.45	2.50

Thermal and Solar Efficient Options										
15m/s Impact Resistance (AS/NZS1170.2.2002 Cyclone Impact Resistance)										
Product Code	Thickness	Weight m <sup>2</sup>	Light Trans. %	Reflect (out). %	Reflect (in). %	Solar Trans. %	Solar Reflect. %	SC	SHGC	U Value (W/m2K) Summer
			LIGHT			SOLAR		THERMAL		
<b>Ezone® Gen1 Clear</b>										
EZCL08	8mm (5/16")	22kg	82	11	10	64	8	0.79	0.69	2.74
EZCL10	10mm (3/8")	27kg	81	11	10	61	7	0.77	0.67	2.72
EZCL12	12mm (1/2")	32kg	80	10	9	59	7	0.71	0.62	2.69
EZCL14	14mm (9/16")	37kg	80	9	9	57	7	0.70	0.61	2.67
<b>Ezone® Gen1 Neutral</b>										
EZNCP08	8mm (5/16")	22kg	59	9	7	40	6	0.58	0.51	2.75
EZNCP10	10mm (3/8")	27kg	58	9	7	38	6	0.57	0.49	2.73
EZNCP12	12mm (1/2")	32kg	57	9	7	36	6	0.55	0.48	2.72
EZNCP14	14mm (9/16")	37kg	57	9	7	35	6	0.55	0.48	2.70
<b>Ezone® Gen1 Grey</b>										
EZGRCP08	8mm (5/16")	22kg	41	9	6	41	6	0.59	0.52	2.74
EZGRCP10	10mm (3/8")	27kg	41	9	6	39	6	0.57	0.49	2.71
EZGRCP12	12mm (1/2")	32kg	40	9	6	34	5	0.54	0.47	2.69
EZNCP14	14mm (9/16")	37kg	40	8	5	33	5	0.52	0.47	2.67

**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.



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