



CYCLONE RESISTANT GLASS SPECIFICATIONS

Delivering Bent & Specialist Glass with Excellence



Storm Shield®

CYCLONE RESISTANT GLASS - BY GLASSHAPE

glasshape.com

"Region D" - 44m/s Impact Resistance (AS/NZS1170.2.2011 Cyclone Impact Resistance)										
Product Code	Thickness	Weight m ²	Light Trans. %	Reflect (out). %	Reflect (in). %	Solar Trans. %	Solar Reflect. %	SC	SHGC	U Value (W/m ² K) Winter
			LIGHT			SOLAR		THERMAL		
StormShield® Gen3 Clear										
SSCL141D	14.1mm (9/16")	31kg	87	7	7	65	6	0.85	0.74	5.28
SSCL161D	16.1mm (5/8")	36kg	85	7	7	61	6	0.82	0.71	5.22
"Region D" - 39m/s Impact Resistance (AS/NZS1170.2.2011 Cyclone Impact Resistance)										
StormShield® Gen2 Clear										
SSCL124D	12.4mm (1/2")	25kg	87	7	7	65	6	0.85	0.74	5.40
SSCL144D	14.4mm (9/16")	30kg	85	7	7	61	6	0.82	0.71	5.34
SSCL164D	16.4mm (5/8")	35kg	84	7	7	58	6	0.80	0.69	5.28
SSCL184D	18.4mm (3/4")	40kg	83	7	7	54	6	0.77	0.67	5.22
StormShield® Gen2 Grey										
SSGR124D	12.4mm (1/2")	25kg	42	5	5	41	5	0.67	0.58	5.40
SSGR144D	14.4mm (9/16")	30kg	41	5	5	38	5	0.65	0.56	5.34
SSGR164D	16.4mm (5/8")	35kg	40	5	5	36	5	0.63	0.54	5.28
SSGR184D	18.4mm (3/4")	40kg	39	5	5	34	5	0.61	0.52	5.22
StormShield® Gen2 Obscure Arctic										
SSOB124D	12.4mm (1/2")	25kg	66	6	6	50	5	0.74	0.64	5.40
SSOB144D	14.4mm (9/16")	30kg	66	6	6	45	5	0.71	0.61	5.37
SSOB164D	16.4mm (5/8")	35kg	66	6	6	41	5	0.68	0.58	5.34
SSOB184D	18.4mm (3/4")	40kg	66	6	6	38	5	0.65	0.56	5.31

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

Get It Right!

- Confirm Cyclonic region of your project.
- Confirm the Ultimate Limit State (ULS) for your project.
- Use the online StormShield® Calculator to confirm thickness requirements based on window sizes and ULS.
- Reference these tables to confirm specifications for the correct StormShield® or E-zone® product for your project.
- Specify using the correct product code.
- Have the peace of mind that your project will perform in the demanding conditions of cyclonic activity.

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"Region C" - 30m/s Impact Resistance (AS/NZS1170.2.2011 Cyclone Impact Resistance)										
Product Code	Thickness	Weight m ²	Light Trans. %	Reflect (out). %	Reflect (in). %	Solar Trans. %	Solar Reflect. %	SC	SHGC	U Value (W/m2K) Winter
			LIGHT			SOLAR		THERMAL		
StormShield® Gen2 Clear										
SSCL114C	11.4mm (7/16")	24kg	87	7	7	65	6	0.85	0.74	5.46
SSCL134C	13.4mm (1/2")	29kg	85	7	7	61	6	0.82	0.71	5.40
SSCL154C	15.4mm (5/8")	34kg	84	7	7	58	6	0.80	0.69	5.34
SSCL174C	17.4mm (11/16")	39kg	83	7	7	54	6	0.77	0.67	5.28
StormShield® Gen2 Grey										
SSGR114C	11.4mm (7/16")	24kg	42	5	5	41	5	0.67	0.58	5.46
SSGR134C	13.4mm (1/2")	29kg	41	5	5	38	5	0.65	0.56	5.40
SSGR154C	15.4mm (5/8")	34kg	40	5	5	36	5	0.63	0.54	5.34
SSGR174C	17.4mm (11/16")	39kg	39	5	5	34	5	0.61	0.52	5.28
StormShield® Gen2 Obscure Arctic										
SSOB114C	11.4mm (7/16")	24kg	66	6	6	50	5	0.74	0.64	5.46
SSOB134C	13.4mm (1/2")	29kg	66	6	6	45	5	0.71	0.61	5.43
SSOB154C	15.4mm (5/8")	34kg	66	6	6	41	5	0.68	0.58	5.4
SSOB174C	17.4mm (11/16")	39kg	66	6	6	38	5	0.65	0.56	5.37
15m/s Impact Resistance (AS/NZS1170.2.2002 Cyclone Impact Resistance)										
StormShield® Gen1 Clear										
SSCL08	8mm (5/16")	22kg	88	8	8	70	7	0.89	0.77	5.52
SSCL10	10mm (3/8")	27kg	87	7	7	65	6	0.85	0.74	5.46
SSCL12	12mm (1/2")	32kg	85	7	7	58	6	0.82	0.71	5.40
SSCL14	14mm (9/16")	37kg	84	7	7	58	6	0.80	0.69	5.34
SSCL16	16mm (5/8")	42kg	83	7	7	54	6	0.77	0.67	5.28
StormShield® Gen1 Grey										
SSGR08	8mm (5/16")	22kg	42	5	5	45	5	0.70	0.61	5.52
SSGR10	10mm (3/8")	27kg	42	5	5	41	5	0.67	0.58	5.46
SSGR12	12mm (1/2")	32kg	41	5	5	38	5	0.65	0.56	5.40
StormShield® Gen1 Arctic Obscure										
SSOB08	8mm (5/16")	22kg	66	6	6	55	6	0.77	0.67	5.52
SSOB10	10mm (3/8")	27kg	66	6	6	50	5	0.74	0.64	5.46

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