



CYCLONE RESISTANT GLASS SPECIFICATIONS

Delivering Cyclonic Window Solutions with Excellence



glasshape.com

StormShield®												
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	
StormShield® Clear												
11.4mm StormShield® Clear	SSCL114D	C	86	8	8	68	7	0.87	0.75	4.77	5.22	35
13.4mm StormShield® Clear	SSCL134D	C	85	8	8	65	7	0.85	0.74	4.72	5.17	36
StormShield® Grey												
11.4mm StormShield® Grey	SSGR114D	C	41	5	5	42	5	0.69	0.60	4.77	5.22	35
13.4mm StormShield® Grey	SSGR134D	C	40	5	5	41	5	0.68	0.59	4.72	5.17	36
StormShield® Obscure Arctic												
11.4mm StormShield® Obscure Arctic	SSOB114D	C	66	6	6	51	6	0.75	0.65	4.72	5.20	35
13.4mm StormShield® Obscure Arctic	SSOB134D	C	66	6	6	49	5	0.74	0.64	4.68	5.15	36

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

StormShield® 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	
StormShield® Ultra Clear												
12.4mm StormShield® Ultra Clear	SSCL124D	C & D	86	8	8	67	7	0.86	0.74	4.68	5.13	35
14.4mm StormShield® Ultra Clear	SSCL144D	C & D	85	8	8	64	7	0.84	0.73	4.64	5.08	36
16.4mm StormShield® Ultra Clear	SSCL164D	C & D	84	8	8	62	6	0.82	0.71	4.60	5.02	37
18.4mm StormShield® Ultra Clear	SSCL184D	C & D	84	8	8	60	6	0.81	0.70	4.56	4.98	38
StormShield® Ultra Grey												
12.4mm StormShield® Ultra Grey	SSGR124D	C & D	41	5	5	42	5	0.69	0.60	4.68	5.13	35
14.4mm StormShield® Ultra Grey	SSGR144D	C & D	40	5	5	40	5	0.59	0.59	4.64	5.08	36
16.4mm StormShield® Ultra Grey	SSGR164D	C & D	40	5	5	38	5	0.58	0.58	4.60	5.02	37
18.4mm StormShield® Ultra Grey	SSGR184D	C & D	40	5	5	37	5	0.57	0.57	4.56	4.98	38
StormShield® Ultra Obscure Arctic												
12.4mm StormShield® Ultra Obscure Arctic	SSOB124D	C & D	66	6	6	50	5	0.75	0.65	4.64	5.10	35
14.4mm StormShield® Ultra Obscure Arctic	SSOB144D	C & D	65	6	6	48	5	0.73	0.64	4.60	5.05	36
16.4mm StormShield® Ultra Obscure Arctic	SSOB164D	C & D	65	6	6	46	5	0.72	0.63	4.56	5.00	37
18.4mm StormShield® Ultra Obscure Arctic	SSOB184D	C & D	64	6	6	44	5	0.71	0.61	4.51	4.95	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.

StormShield [®] 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	
StormShield[®] Extreme Clear												
14.1mm StormShield [®] Extreme Clear	SSCL141D	C & D	85	8	8	65	7	0.85	0.73	4.53	4.95	35
16.1mm StormShield [®] Extreme Clear	SSCL161D	C & D	84	8	8	63	7	0.83	0.72	4.49	4.90	36
18.1mm StormShield [®] Extreme Clear	SSCL181D	C & D	83	8	8	60	6	0.81	0.70	4.45	4.85	37
20.1mm StormShield [®] Extreme Clear	SSCL201D	C & D	83	8	8	58	6	0.80	0.69	4.41	4.81	38
StormShield[®] Extreme Grey												
14.1mm StormShield [®] Extreme Grey	SSGR141D	C & D	40	5	5	42	5	0.69	0.59	4.53	4.95	35
16.1mm StormShield [®] Extreme Grey	SSGR161D	C & D	40	5	5	39	5	0.67	0.58	4.49	4.90	36
18.1mm StormShield [®] Extreme Grey	SSGR181D	C & D	39	5	5	37	5	0.66	0.57	4.45	4.85	37
20.1mm StormShield [®] Extreme Grey	SSGR201D	C & D	39	5	5	36	5	0.65	0.56	4.41	4.81	38
StormShield[®] Extreme Obscure Arctic												
14.1mm StormShield [®] Extreme Obscure Arctic	SSOB141D	C & D	66	6	6	49	5	0.74	0.65	4.48	4.92	35
16.1mm StormShield [®] Extreme Obscure Arctic	SSOB161D	C & D	65	6	6	47	5	0.73	0.63	4.44	4.87	36
18.1mm StormShield [®] Extreme Obscure Arctic	SSOB181D	C & D	64	6	6	45	5	0.72	0.62	4.40	4.82	37
20.1mm StormShield [®] Extreme Obscure Arctic	SSOB201D	C & D	64	6	6	43	5	0.70	0.61	4.36	4.78	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 StormShield[®] 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 - Innisfail, Queensland - Wreaking havoc and destruction
 Photographer: Brian Cassey



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.co.nz

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.au

United States
 Seattle: +1 206 538 5416
 New York: +1 332 255 6319
 info@glasshape.com
 glasshape.com



Agent:

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