

Sun Windows, Inc.

Product Performance Data

Clad Thermal Performance (Cardinal 270, 366, E180 and i89)

NFRC 100/200/500

SunClad Awning

Product	Grid Type	azi	Flas	Glazing Description	U-Value	R-Value	SHGC	VT	CR
USA Awning	N	DG	D	3/4" I.G.; 270 #2/Clr	0.34	2.94	0.27	0.50	57
USA Awning	N	DG	D	3/4" I.G.; 270 #2/i89 #4	0.31	3.23	0.26	0.49	46
USA Awning	N	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.34	2.94	0.26	0.37	57
USA Awning	N	DG	D	3/4" I.G.; 366 #2/clr	0.33	3.03	0.20	0.46	57
USA Awning	N	DG	D	3/4" I.G.; 366 #2/i89 #4	0.30	3.33	0.20	0.45	46
USA Awning	N	DG	D	3/4" I.G.; Bronze tint/366 #3	0.33	3.03	0.23	0.34	57
USA Awning	N	DG	D	3/4" I.G.; Clr / E180 #3	0.34	2.94	0.49	0.56	57
USA Awning	N	TG	D	.98" I.G.; 270 #2/Clr/Clr	0.30	3.33	0.25	0.45	64
USA Awning	N	TG	D	.98" I.G.; 270 #2/Clr/i89 #6	0.27	3.70	0.25	0.44	52
USA Awning	N	TG	D	.98" I.G.; 366 #2/Clr/Clr	0.29	3.45	0.19	0.42	64
USA Awning	N	TG	D	.98" I.G.; 366 #2/Clr/i89 #6	0.27	3.70	0.18	0.41	52
USA Awning	N	TG	D	.98" I.G.; 270 #2/Clr/E180 #5	0.27	3.70	0.25	0.44	68
USA Awning	N	TG	D	.98" I.G.; 366 #2/Clr/E180 #5	0.27	3.70	0.18	0.40	68
USA Awning	N	TG	D	.50" I.G.+819" A.S.; 366 #2/Clr/i89 #6	0.30	3.33	0.14	0.29	52
USA Awning	GBG	DG	D	3/4" I.G.; 270 #2/Clr	0.34	2.94	0.25	0.45	57
USA Awning	GBG	DG	D	3/4" I.G.; 270 #2/i89 #4	0.31	3.23	0.24	0.44	46
USA Awning	GBG	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.34	2.94	0.24	0.33	57
USA Awning	GBG	DG	D	3/4" I.G.; 366 #2/clr	0.34	2.94	0.19	0.42	57
USA Awning	GBG	DG	D	3/4" I.G.; 366 #2/i89 #4	0.31	3.23	0.18	0.41	46
USA Awning	GBG	DG	D	3/4" I.G.; Bronze tint/366 #3	0.34	2.94	0.21	0.31	57
USA Awning	GBG	DG	D	3/4" I.G.; Clr / E180 #3	0.35	2.86	0.45	0.51	57
USA Awning	GBG	TG	D	.98" I.G.; 270 #2/Clr/Clr	0.31	3.23	0.23	0.41	64
USA Awning	GBG	TG	D	.98" I.G.; 270 #2/Clr/i89 #6	0.28	3.57	0.22	0.40	52
USA Awning	GBG	TG	D	.98" I.G.; 366 #2/Clr/Clr	0.30	3.33	0.17	0.38	64
USA Awning	GBG	TG	D	.98" I.G.; 366 #2/Clr/i89 #6	0.28	3.57	0.17	0.37	52
USA Awning	GBG	TG	D	.98" I.G.; 270 #2/Clr/E180 #5	0.28	3.57	0.23	0.40	68
USA Awning	GBG	TG	D	.98" I.G.; 366 #2/Clr/E180 #5	0.27	3.70	0.17	0.37	68
USA Awning	5/8" SDL	DG	D	3/4" I.G.; 270 #2/Clr	0.34	2.94	0.25	0.45	57
USA Awning	5/8" SDL	DG	D	3/4" I.G.; 270 #2/i89 #4	0.31	3.23	0.24	0.44	46
USA Awning	5/8" SDL	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.34	2.94	0.24	0.33	57
USA Awning	5/8" SDL	DG	D	3/4" I.G.; 366 #2/clr	0.34	2.94	0.19	0.42	57
USA Awning	5/8" SDL	DG	D	3/4" I.G.; 366 #2/i89 #4	0.31	3.23	0.18	0.41	46
USA Awning	5/8" SDL	DG	D	3/4" I.G.; Bronze tint/366 #3	0.34	2.94	0.21	0.31	57
USA Awning	5/8" SDL	DG	D	3/4" I.G.; Clr / E180 #3	0.35	2.86	0.45	0.51	57
USA Awning	5/8" SDL	TG	D	.98" I.G.; 270 #2/Clr/Clr	0.31	3.23	0.23	0.41	64
USA Awning	5/8" SDL	TG	D	.98" I.G.; 270 #2/Clr/i89 #6	0.28	3.57	0.22	0.40	52
USA Awning	5/8" SDL	TG	D	.98" I.G.; 366 #2/Clr/Clr	0.30	3.33	0.17	0.38	64
USA Awning	>=1" SDL	DG	D	3/4" I.G.; 270 #2/i89 #4	0.31	3.23	0.22	0.40	46
USA Awning	>=1" SDL	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.34	2.94	0.22	0.30	57
USA Awning	>=1" SDL	DG	D	3/4" I.G.; 366 #2/clr	0.34	2.94	0.17	0.37	57
USA Awning	>=1" SDL	DG	D	3/4" I.G.; 366 #2/i89 #4	0.31	3.23	0.17	0.37	46
USA Awning	>=1" SDL	DG	D	3/4" I.G.; Bronze tint/366 #3	0.34	2.94	0.19	0.28	57
USA Awning	>=1" SDL	DG	D	3/4" I.G.; Clr / E180 #3	0.35	2.86	0.41	0.46	57
USA Awning	>=1" SDL	TG	D	.98" I.G.; 270 #2/Clr/Clr	0.31	3.23	0.21	0.37	64
USA Awning	>=1" SDL	TG	D	.98" I.G.; 270 #2/Clr/i89 #6	0.28	3.57	0.21	0.36	52
USA Awning	>=1" SDL	TG	D	.98" I.G.; 366 #2/Clr/Clr	0.30	3.33	0.16	0.34	64
USA Awning	>=1" SDL	TG	D	.98" I.G.; 366 #2/Clr/i89 #6	0.28	3.57	0.16	0.33	52
USA Awning	>=1" SDL	TG	D	.98" I.G.; 270 #2/Clr/E180 #5	0.28	3.57	0.21	0.36	68
USA Awning	>=1" SDL	TG	D	.98" I.G.; 366 #2/Clr/E180 #5	0.27	3.70	0.16	0.33	68

* all simulations are 90% Argon filled, unless noted otherwise

**"DG" = Dual Glazed; "TG" = Triple Glazed

Glass codes(nominal): "D" - double strength(.117"/3.0mm), "T" - triple strength(.187"/5.0mm)

Last Update: 2/15/2017 12:00:00 AM