



Sun Windows, Inc.

Product Performance Data

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

NFRC 100/200/500

SunClad Patriot Awning

Product	Grid Type	Glazing	Glass	Glazing Description	U-Value	R-Value	SHGC	VT	CR
Patriot Awning	N	DG	D	3/4" I.G.; 270 #2/Clr	0.26	3.85	0.25	0.46	61
Patriot Awning	N	DG	D	3/4" I.G.; 270 #2/i89 #4	0.23	4.35	0.24	0.45	48
Patriot Awning	N	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.26	3.85	0.25	0.35	61
Patriot Awning	N	DG	D	3/4" I.G.; 366 #2/Clr	0.26	3.85	0.18	0.43	62
Patriot Awning	N	DG	D	3/4" I.G.; 366 #2/i89 #4	0.23	4.35	0.18	0.42	49
Patriot Awning	N	DG	D	3/4" I.G.; Bronze tint/366 #3	0.26	3.85	0.21	0.32	62
Patriot Awning	N	DG	D	3/4" I.G.; Clr / E180 #3	0.27	3.70	0.46	0.52	61
Patriot Awning	N	TG	D	1.375" I.G.; 270 #2/Clr/Clr	0.21	4.76	0.23	0.42	73
Patriot Awning	N	TG	D	1.375" I.G.; 270 #2/Clr/i89 #6	0.19	5.26	0.23	0.41	59
Patriot Awning	N	TG	D	1.375" I.G.; 366 #2/Clr/Clr	0.21	4.76	0.17	0.39	73
Patriot Awning	N	TG	D	1.375" I.G.; 366 #2/Clr/i89 #6	0.19	5.26	0.23	0.41	59
Patriot Awning	N	TG	D	1.375" I.G.; 270 #2/Clr/E180 #5	0.17	5.88	0.22	0.41	79
Patriot Awning	N	TG	D	1.375" I.G.; 366 #2/Clr/E180 #5	0.17	5.88	0.17	0.38	80
Patriot Awning	< 1" SDL	DG	D	3/4" I.G.; 270 #2/Clr	0.27	3.70	0.23	0.42	61
Patriot Awning	< 1" SDL	DG	D	3/4" I.G.; 270 #2/i89 #4	0.24	4.17	0.22	0.41	48
Patriot Awning	< 1" SDL	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.27	3.70	0.23	0.31	61
Patriot Awning	< 1" SDL	DG	D	3/4" I.G.; 366 #2/Clr	0.26	3.85	0.17	0.39	61
Patriot Awning	< 1" SDL	DG	D	3/4" I.G.; 366 #2/i89 #4	0.24	4.17	0.17	0.38	49
Patriot Awning	< 1" SDL	DG	D	3/4" I.G.; Bronze tint/366 #3	0.26	3.85	0.19	0.29	61
Patriot Awning	< 1" SDL	DG	D	3/4" I.G.; Clr / E180 #3	0.27	3.70	0.42	0.47	61
Patriot Awning	< 1" SDL	TG	D	1.375" I.G.; 270 #2/Clr/Clr	0.21	4.76	0.21	0.38	73
Patriot Awning	< 1" SDL	TG	D	1.375" I.G.; 270 #2/Clr/i89 #6	0.20	5.00	0.21	0.37	59
Patriot Awning	< 1" SDL	TG	D	1.375" I.G.; 366 #2/Clr/Clr	0.21	4.76	0.16	0.35	73
Patriot Awning	< 1" SDL	TG	D	1.375" I.G.; 366 #2/Clr/i89 #6	0.20	5.00	0.21	0.37	59
Patriot Awning	< 1" SDL	TG	D	1.375" I.G.; 270 #2/Clr/E180 #5	0.17	5.88	0.20	0.37	79
Patriot Awning	< 1" SDL	TG	D	1.375" I.G.; 366 #2/Clr/E180 #5	0.17	5.88	0.15	0.34	80
Patriot Awning	≥ 1" SDL	DG	D	3/4" I.G.; 270 #2/Clr	0.26	3.85	0.21	0.38	61
Patriot Awning	≥ 1" SDL	DG	D	3/4" I.G.; 270 #2/i89 #4	0.24	4.17	0.20	0.37	48
Patriot Awning	≥ 1" SDL	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.26	3.85	0.21	0.28	61
Patriot Awning	≥ 1" SDL	DG	D	3/4" I.G.; 366 #2/Clr	0.26	3.85	0.15	0.35	61
Patriot Awning	≥ 1" SDL	DG	D	3/4" I.G.; 366 #2/i89 #4	0.24	4.17	0.15	0.34	49
Patriot Awning	≥ 1" SDL	DG	D	3/4" I.G.; Bronze tint/366 #3	0.26	3.85	0.18	0.26	61
Patriot Awning	≥ 1" SDL	DG	D	3/4" I.G.; Clr / E180 #3	0.27	3.70	0.38	0.42	61
Patriot Awning	≥ 1" SDL	TG	D	1.375" I.G.; 270 #2/Clr/Clr	0.21	4.76	0.19	0.34	73
Patriot Awning	≥ 1" SDL	TG	D	1.375" I.G.; 270 #2/Clr/i89 #6	0.20	5.00	0.19	0.34	59
Patriot Awning	≥ 1" SDL	TG	D	1.375" I.G.; 366 #2/Clr/Clr	0.21	4.76	0.14	0.32	73
Patriot Awning	≥ 1" SDL	TG	D	1.375" I.G.; 366 #2/Clr/i89 #6	0.20	5.00	0.19	0.34	59
Patriot Awning	≥ 1" SDL	TG	D	1.375" I.G.; 270 #2/Clr/E180 #5	0.17	5.88	0.19	0.33	79
Patriot Awning	≥ 1" SDL	TG	D	1.375" I.G.; 366 #2/Clr/E180 #5	0.17	5.88	0.14	0.31	79

Updated: 3/23/2023