

Sun Windows, Inc.

Product Performance Data

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

NFRC 100/200/500

SunClad Door Sidelite

Product	Grid Type	az	gl	pl	st	Glazing Description	U-Value	R-Value	SHGC	VT	CR
USA Inswing Door Sidelite (Sun IG)	N	TG	D			.98" I.G.; 270 #2/clr/clr	0.28	3.57	0.21	0.38	64
USA Inswing Door Sidelite (Sun IG)	N	TG	D			.98" I.G.; 270 #2/Clr/i89 #6	0.26	3.85	0.20	0.37	54
USA Inswing Door Sidelite (Sun IG)	N	TG	D			.98" I.G.; Brz Tint#2/Clr/270 #5	0.28	3.57	0.21	0.28	64
USA Inswing Door Sidelite (Sun IG)	N	TG	D			.98" I.G.; 366 #2/clr/clr	0.28	3.57	0.15	0.35	64
USA Inswing Door Sidelite (Sun IG)	N	TG	D			.98" I.G.; 366 #2/Clr/i89 #6	0.25	4.00	0.15	0.34	54
USA Inswing Door Sidelite (Sun IG)	N	TG	D			.98" I.G.; Brz tint#2/clr/366 #5	0.28	3.57	0.18	0.26	64
USA Inswing Door Sidelite (Sun IG)	N	DG	D			.98" I.G.; Clr / E180 #5	0.32	3.13	0.34	0.39	62
USA Inswing Door Sidelite (cardinal IG)	N	DG	D			3/4" I.G.; 270 #2/Clr	0.34	2.94	0.22	0.41	58
USA Inswing Door Sidelite (cardinal IG)	N	DG	D			3/4" I.G.; 270 #2/i89 #4	0.31	3.23	0.22	0.40	45
USA Inswing Door Sidelite (cardinal IG)	N	DG	D			3/4" I.G.; Bronze Tint/270 #3	0.34	2.94	0.22	0.31	58
USA Inswing Door Sidelite (cardinal IG)	N	DG	D			3/4" I.G.; 366 #2/Clr	0.34	2.94	0.17	0.38	58
USA Inswing Door Sidelite (cardinal IG)	N	DG	D			3/4" I.G.; 366 #2/i89 #4	0.31	3.23	0.16	0.37	46
USA Inswing Door Sidelite (cardinal IG)	N	DG	D			3/4" I.G.; Bronze tint/366 #3	0.34	2.94	0.19	0.28	58
USA Inswing Door Sidelite (cardinal IG)	N	DG	D			3/4" I.G.; Clr / E180 #3	0.34	2.94	0.42	0.47	57
USA Inswing Door Sidelite (Sun IG)	GBG	TG	D			.98" I.G.; 270 #2/clr/clr	0.29	3.45	0.19	0.34	64
USA Inswing Door Sidelite (Sun IG)	GBG	TG	D			.98" I.G.; 270 #2/Clr/i89 #6	0.26	3.85	0.18	0.33	54
USA Inswing Door Sidelite (Sun IG)	GBG	TG	D			.98" I.G.; Brz Tint#2/Clr/270 #5	0.29	3.45	0.19	0.25	64
USA Inswing Door Sidelite (Sun IG)	GBG	TG	D			.98" I.G.; 366 #2/clr/clr	0.29	3.45	0.14	0.31	64
USA Inswing Door Sidelite (Sun IG)	GBG	TG	D			.98" I.G.; 366 #2/Clr/i89 #6	0.26	3.85	0.14	0.30	54
USA Inswing Door Sidelite (Sun IG)	GBG	TG	D			.98" I.G.; Brz tint#2/clr/366 #5	0.29	3.45	0.17	0.23	64
USA Inswing Door Sidelite (Sun IG)	GBG	TG	D			.98" I.G.; Clr / E180 #5	0.32	3.13	0.30	0.35	62
USA Inswing Door Sidelite (cardinal IG)	GBG	DG	D			3/4" I.G.; 270 #2/Clr	0.34	2.94	0.20	0.37	58
USA Inswing Door Sidelite (cardinal IG)	GBG	DG	D			3/4" I.G.; 270 #2/i89 #4	0.32	3.13	0.20	0.36	46
USA Inswing Door Sidelite (cardinal IG)	GBG	DG	D			3/4" I.G.; Bronze Tint/270 #3	0.34	2.94	0.20	0.27	58
USA Inswing Door Sidelite (cardinal IG)	GBG	DG	D			3/4" I.G.; 366 #2/Clr	0.34	2.94	0.15	0.34	58
USA Inswing Door Sidelite (cardinal IG)	GBG	DG	D			3/4" I.G.; 366 #2/i89 #4	0.32	3.13	0.15	0.33	46
USA Inswing Door Sidelite (cardinal IG)	GBG	DG	D			3/4" I.G.; Bronze tint/366 #3	0.34	2.94	0.17	0.25	58
USA Inswing Door Sidelite (cardinal IG)	GBG	DG	D			3/4" I.G.; Clr / E180 #3	0.35	2.86	0.38	0.42	57
USA Inswing Door Sidelite (Sun IG)	5/8" SDL	TG	D			.98" I.G.; 270 #2/clr/clr	0.29	3.45	0.19	0.34	64
USA Inswing Door Sidelite (Sun IG)	5/8" SDL	TG	D			.98" I.G.; 270 #2/Clr/i89 #6	0.26	3.85	0.18	0.33	54
USA Inswing Door Sidelite (Sun IG)	5/8" SDL	TG	D			.98" I.G.; Brz Tint#2/Clr/270 #5	0.29	3.45	0.19	0.25	64
USA Inswing Door Sidelite (Sun IG)	5/8" SDL	TG	D			.98" I.G.; 366 #2/clr/clr	0.29	3.45	0.14	0.31	64
USA Inswing Door Sidelite (Sun IG)	5/8" SDL	TG	D			.98" I.G.; 366 #2/Clr/i89 #6	0.26	3.85	0.14	0.30	54
USA Inswing Door Sidelite (Sun IG)	5/8" SDL	TG	D			.98" I.G.; Brz tint#2/clr/366 #5	0.29	3.45	0.17	0.23	64
USA Inswing Door Sidelite (Sun IG)	5/8" SDL	TG	D			.98" I.G.; Clr / E180 #5	0.32	3.13	0.30	0.35	62
USA Inswing Door Sidelite (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; 270 #2/Clr	0.34	2.94	0.20	0.37	58
USA Inswing Door Sidelite (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; 270 #2/i89 #4	0.32	3.13	0.20	0.36	46
USA Inswing Door Sidelite (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; Bronze Tint/270 #3	0.34	2.94	0.20	0.27	58
USA Inswing Door Sidelite (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; 366 #2/Clr	0.34	2.94	0.15	0.34	58
USA Inswing Door Sidelite (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; 366 #2/i89 #4	0.32	3.13	0.15	0.33	46
USA Inswing Door Sidelite (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; Bronze tint/366 #3	0.34	2.94	0.17	0.25	58
USA Inswing Door Sidelite (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; Clr / E180 #3	0.35	2.86	0.38	0.42	57
USA Inswing Door Sidelite (Sun IG)	>=1" SDL	TG	D			.98" I.G.; 270 #2/clr/clr	0.29	3.45	0.17	0.30	64
USA Inswing Door Sidelite (Sun IG)	>=1" SDL	TG	D			.98" I.G.; 270 #2/Clr/i89 #6	0.26	3.85	0.16	0.33	54
USA Inswing Door Sidelite (Sun IG)	>=1" SDL	TG	D			.98" I.G.; Brz Tint#2/Clr/270 #5	0.29	3.45	0.17	0.22	64
USA Inswing Door Sidelite (Sun IG)	>=1" SDL	TG	D			.98" I.G.; 366 #2/clr/clr	0.29	3.45	0.13	0.27	64
USA Inswing Door Sidelite (Sun IG)	>=1" SDL	TG	D			.98" I.G.; 366 #2/Clr/i89 #6	0.26	3.85	0.12	0.27	54
USA Inswing Door Sidelite (Sun IG)	>=1" SDL	TG	D			.98" I.G.; Brz tint#2/clr/366 #5	0.29	3.45	0.15	0.20	64
USA Inswing Door Sidelite (Sun IG)	>=1" SDL	TG	D			.98" I.G.; Clr / E180 #5	0.32	3.13	0.27	0.31	62
USA Inswing Door Sidelite (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; 270 #2/Clr	0.34	2.94	0.18	0.33	58
USA Inswing Door Sidelite (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; 270 #2/i89 #4	0.32	3.13	0.18	0.32	46
USA Inswing Door Sidelite (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; Bronze Tint/270 #3	0.34	2.94	0.18	0.24	58
USA Inswing Door Sidelite (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; 366 #2/Clr	0.34	2.94	0.14	0.30	58
USA Inswing Door Sidelite (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; 366 #2/i89 #4	0.32	3.13	0.13	0.29	46
USA Inswing Door Sidelite (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; Bronze tint/366 #3	0.34	2.94	0.15	0.22	58
USA Inswing Door Sidelite (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; Clr / E180 #3	0.35	2.86	0.34	0.37	57

* 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