

Sun Windows, Inc.

Product Performance Data

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

NFRC 100/200/500

SunClad Out-Swing Door

Product	Grid Type	az	gl	pl	st	Glazing Description	U-Value	R-Value	SHGC	VT	CR
USA Outswing Door (Sun IG)	N	TG	D			.98" I.G.; 270 #2/clr/clr	0.28	3.57	0.21	0.38	64
USA Outswing Door (Sun IG)	N	TG	D			.98" I.G.; 270 #2/Clr/i89 #6	0.26	3.85	0.21	0.37	53
USA Outswing Door (Sun IG)	N	TG	D			.98" I.G.; Brz Tint#2/Clr/270 #5	0.28	3.57	0.21	0.28	64
USA Outswing Door (Sun IG)	N	TG	D			.98" I.G.; 366 #2/clr/clr	0.28	3.57	0.16	0.35	64
USA Outswing Door (Sun IG)	N	TG	D			.98" I.G.; 366 #2/Clr/i89 #6	0.25	4.00	0.15	0.34	54
USA Outswing Door (Sun IG)	N	TG	D			.98" I.G.; Brz tint#2/clr/366 #5	0.28	3.57	0.19	0.26	64
USA Outswing Door (Sun IG)	N	DG	D			.98" I.G.; Clr / E180 #5	0.30	3.33	0.37	0.42	63
USA Outswing Door (cardinal IG)	N	DG	D			3/4" I.G.; 270 #2/Clr	0.32	3.13	0.22	0.41	57
USA Outswing Door (cardinal IG)	N	DG	D			3/4" I.G.; 270 #2/i89 #4	0.28	3.57	0.22	0.40	45
USA Outswing Door (cardinal IG)	N	DG	D			3/4" I.G.; Bronze Tint/270 #3	0.32	3.13	0.22	0.30	57
USA Outswing Door (cardinal IG)	N	DG	D			3/4" I.G.; 366 #2/Clr	0.31	3.23	0.17	0.38	58
USA Outswing Door (cardinal IG)	N	DG	D			3/4" I.G.; 366 #2/i89 #4	0.28	3.57	0.17	0.37	45
USA Outswing Door (cardinal IG)	N	DG	D			3/4" I.G.; Bronze tint/366 #3	0.31	3.23	0.19	0.28	58
USA Outswing Door (cardinal IG)	N	DG	D			3/4" I.G.; Clr / E180 #3	0.32	3.13	0.42	0.47	57
USA Outswing Door (Sun IG)	GBG	TG	D			.98" I.G.; 270 #2/clr/clr	0.29	3.45	0.18	0.32	64
USA Outswing Door (Sun IG)	GBG	TG	D			.98" I.G.; 270 #2/Clr/i89 #6	0.27	3.70	0.18	0.31	53
USA Outswing Door (Sun IG)	GBG	TG	D			.98" I.G.; Brz Tint#2/Clr/270 #5	0.29	3.45	0.19	0.24	64
USA Outswing Door (Sun IG)	GBG	TG	D			.98" I.G.; 366 #2/clr/clr	0.29	3.45	0.14	0.30	64
USA Outswing Door (Sun IG)	GBG	TG	D			.98" I.G.; 366 #2/Clr/i89 #6	0.27	3.70	0.14	0.29	54
USA Outswing Door (Sun IG)	GBG	TG	D			.98" I.G.; Brz tint#2/clr/366 #5	0.29	3.45	0.16	0.22	64
USA Outswing Door (Sun IG)	GBG	TG	D			.98" I.G.; Clr / E180 #5	0.30	3.33	0.32	0.36	63
USA Outswing Door (cardinal IG)	GBG	DG	D			3/4" I.G.; 270 #2/Clr	0.33	3.03	0.20	0.35	57
USA Outswing Door (cardinal IG)	GBG	DG	D			3/4" I.G.; 270 #2/i89 #4	0.29	3.45	0.19	0.34	45
USA Outswing Door (cardinal IG)	GBG	DG	D			3/4" I.G.; Bronze Tint/270 #3	0.33	3.03	0.19	0.26	57
USA Outswing Door (cardinal IG)	GBG	DG	D			3/4" I.G.; 366 #2/Clr	0.32	3.13	0.15	0.32	58
USA Outswing Door (cardinal IG)	GBG	DG	D			3/4" I.G.; 366 #2/i89 #4	0.29	3.45	0.15	0.32	45
USA Outswing Door (cardinal IG)	GBG	DG	D			3/4" I.G.; Bronze tint/366 #3	0.32	3.13	0.17	0.24	58
USA Outswing Door (cardinal IG)	GBG	DG	D			3/4" I.G.; Clr / E180 #3	0.32	3.13	0.37	0.40	59
USA Outswing Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; 270 #2/clr/clr	0.29	3.45	0.18	0.32	64
USA Outswing Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; 270 #2/Clr/i89 #6	0.27	3.70	0.18	0.31	53
USA Outswing Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; Brz Tint#2/Clr/270 #5	0.29	3.45	0.19	0.24	64
USA Outswing Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; 366 #2/clr/clr	0.29	3.45	0.14	0.30	64
USA Outswing Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; 366 #2/Clr/i89 #6	0.27	3.70	0.14	0.29	54
USA Outswing Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; Brz tint#2/clr/366 #5	0.29	3.45	0.16	0.22	64
USA Outswing Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; Clr / E180 #5	0.30	3.33	0.32	0.36	63
USA Outswing Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; 270 #2/Clr	0.33	3.03	0.20	0.35	57
USA Outswing Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; 270 #2/i89 #4	0.29	3.45	0.19	0.34	45
USA Outswing Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; Bronze Tint/270 #3	0.33	3.03	0.19	0.26	57
USA Outswing Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; 366 #2/Clr	0.32	3.13	0.15	0.32	58
USA Outswing Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; 366 #2/i89 #4	0.29	3.45	0.15	0.32	45
USA Outswing Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; Bronze tint/366 #3	0.32	3.13	0.17	0.24	58
USA Outswing Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; Clr / E180 #3	0.32	3.13	0.37	0.40	59
USA Outswing Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; 270 #2/clr/clr	0.29	3.45	0.16	0.27	64
USA Outswing Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; 270 #2/Clr/i89 #6	0.27	3.70	0.16	0.27	53
USA Outswing Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; Brz Tint#2/Clr/270 #5	0.29	3.45	0.16	0.20	64
USA Outswing Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; 366 #2/clr/clr	0.29	3.45	0.12	0.25	64
USA Outswing Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; 366 #2/Clr/i89 #6	0.27	3.70	0.12	0.24	54
USA Outswing Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; Brz tint#2/clr/366 #5	0.29	3.45	0.14	0.18	64
USA Outswing Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; Clr / E180 #5	0.30	3.33	0.28	0.31	63
USA Outswing Door (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; 270 #2/Clr	0.33	3.03	0.17	0.30	57
USA Outswing Door (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; 270 #2/i89 #4	0.29	3.45	0.17	0.29	45
USA Outswing Door (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; Bronze Tint/270 #3	0.33	3.03	0.17	0.22	57
USA Outswing Door (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; 366 #2/Clr	0.32	3.13	0.13	0.27	58
USA Outswing Door (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; 366 #2/i89 #4	0.29	3.45	0.13	0.27	45
USA Outswing Door (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; Bronze tint/366 #3	0.32	3.13	0.14	0.20	58
USA Outswing Door (cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; Clr / E180 #3	0.32	3.13	0.31	0.34	59

* 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)

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