

Sun Windows, Inc.

Product Performance Data

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

NFRC 100/200/500

SunClad Sliding Door

Product	Grid Type	az	gl	pl	st	Glazing Description	U-Value	R-Value	SHGC	VT	CR
USA Sliding Door (Sun IG)	N	TG	D			.98" I.G.; 270 #2/clr/clr	0.27	3.70	0.23	0.42	63
USA Sliding Door (Sun IG)	N	TG	D			.98" I.G.; 270 #2/Clr/i89 #6	0.25	4.00	0.23	0.41	52
USA Sliding Door (Sun IG)	N	TG	D			.98" I.G.; Brz Tint#2/Clr/270 #5	0.29	3.45	0.24	0.32	61
USA Sliding Door (Sun IG)	N	TG	D			.98" I.G.; 366 #2/clr/clr	0.27	3.70	0.23	0.42	63
USA Sliding Door (Sun IG)	N	TG	D			.98" I.G.; 366 #2/Clr/i89 #6	0.25	4.00	0.23	0.41	52
USA Sliding Door (Sun IG)	N	TG	D			.98" I.G.; Brz tint#2/clr/366 #5	0.29	3.45	0.21	0.29	61
USA Sliding Door (Sun IG)	N	DG	D			.98" I.G.; Clr / E180 #5	0.29	3.45	0.42	0.48	61
USA Sliding Door (cardinal IG)	N	DG	D			3/4" I.G.; 270 #2/Clr	0.31	3.23	0.25	0.46	52
USA Sliding Door (cardinal IG)	N	DG	D			3/4" I.G.; 270 #2/i89 #4	0.27	3.70	0.25	0.45	42
USA Sliding Door (cardinal IG)	N	DG	D			3/4" I.G.; Bronze Tint/270 #3	0.31	3.23	0.25	0.35	52
USA Sliding Door (cardinal IG)	N	DG	D			3/4" I.G.; 366 #2/Clr	0.31	3.23	0.19	0.43	52
USA Sliding Door (cardinal IG)	N	DG	D			3/4" I.G.; 366 #2/i89 #4	0.27	3.70	0.18	0.42	42
USA Sliding Door (cardinal IG)	N	DG	D			3/4" I.G.; Bronze tint/366 #3	0.31	3.23	0.21	0.32	52
USA Sliding Door (cardinal IG)	N	DG	D			3/4" I.G.; Clr / E180 #3	0.32	3.13	0.46	0.52	51
USA Sliding Door (Sun IG)	GBG	TG	D			.98" I.G.; 270 #2/clr/clr	0.29	3.45	0.21	0.37	63
USA Sliding Door (Sun IG)	GBG	TG	D			.98" I.G.; 270 #2/Clr/i89 #6	0.26	3.85	0.20	0.36	52
USA Sliding Door (Sun IG)	GBG	TG	D			.98" I.G.; Brz Tint#2/Clr/270 #5	0.29	3.45	0.21	0.27	61
USA Sliding Door (Sun IG)	GBG	TG	D			.98" I.G.; 366 #2/clr/clr	0.29	3.45	0.21	0.37	63
USA Sliding Door (Sun IG)	GBG	TG	D			.98" I.G.; 366 #2/Clr/i89 #6	0.26	3.85	0.20	0.36	52
USA Sliding Door (Sun IG)	GBG	TG	D			.98" I.G.; Brz tint#2/clr/366 #5	0.29	3.45	0.18	0.25	61
USA Sliding Door (Sun IG)	GBG	TG	D			.98" I.G.; Clr / E180 #5	0.30	3.33	0.36	0.41	61
USA Sliding Door (cardinal IG)	GBG	DG	D			3/4" I.G.; 270 #2/Clr	0.32	3.13	0.22	0.40	52
USA Sliding Door (cardinal IG)	GBG	DG	D			3/4" I.G.; 270 #2/i89 #4	0.29	3.45	0.22	0.39	42
USA Sliding Door (cardinal IG)	GBG	DG	D			3/4" I.G.; Bronze Tint/270 #3	0.32	3.13	0.22	0.30	52
USA Sliding Door (cardinal IG)	GBG	DG	D			3/4" I.G.; 366 #2/Clr	0.32	3.13	0.17	0.37	52
USA Sliding Door (cardinal IG)	GBG	DG	D			3/4" I.G.; 366 #2/i89 #4	0.28	3.57	0.16	0.36	42
USA Sliding Door (cardinal IG)	GBG	DG	D			3/4" I.G.; Bronze tint/366 #3	0.32	3.13	0.19	0.28	52
USA Sliding Door (cardinal IG)	GBG	DG	D			3/4" I.G.; Clr / E180 #3	0.33	3.03	0.40	0.45	51
USA Sliding Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; 270 #2/clr/clr	0.29	3.45	0.21	0.37	63
USA Sliding Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; 270 #2/Clr/i89 #6	0.26	3.85	0.20	0.36	52
USA Sliding Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; Brz Tint#2/Clr/270 #5	0.29	3.45	0.21	0.27	61
USA Sliding Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; 366 #2/clr/clr	0.29	3.45	0.21	0.37	63
USA Sliding Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; 366 #2/Clr/i89 #6	0.26	3.85	0.20	0.36	52
USA Sliding Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; Brz tint#2/clr/366 #5	0.29	3.45	0.18	0.25	61
USA Sliding Door (Sun IG)	5/8" SDL	TG	D			.98" I.G.; Clr / E180 #5	0.30	3.33	0.36	0.41	61
USA Sliding Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; 270 #2/Clr	0.32	3.13	0.22	0.40	52
USA Sliding Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; 270 #2/i89 #4	0.29	3.45	0.22	0.39	42
USA Sliding Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; Bronze Tint/270 #3	0.32	3.13	0.22	0.30	52
USA Sliding Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; 366 #2/Clr	0.32	3.13	0.17	0.37	52
USA Sliding Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; 366 #2/i89 #4	0.28	3.57	0.16	0.36	42
USA Sliding Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; Bronze tint/366 #3	0.32	3.13	0.19	0.28	52
USA Sliding Door (cardinal IG)	5/8" SDL	DG	D			3/4" I.G.; Clr / E180 #3	0.33	3.03	0.40	0.45	51
USA Sliding Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; 270 #2/clr/clr	0.29	3.45	0.18	0.31	63
USA Sliding Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; 270 #2/Clr/i89 #6	0.26	3.85	0.18	0.31	52
USA Sliding Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; Brz Tint#2/Clr/270 #5	0.29	3.45	0.18	0.23	61
USA Sliding Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; 366 #2/clr/clr	0.29	3.45	0.18	0.31	63
USA Sliding Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; 366 #2/Clr/i89 #6	0.26	3.85	0.18	0.31	52
USA Sliding Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; Brz tint#2/clr/366 #5	0.29	3.45	0.16	0.22	61
USA Sliding Door (Sun IG)	>=1" SDL	TG	D			.98" I.G.; Clr / E180 #5	0.30	3.33	0.31	0.35	61
USA Sliding Door (Cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; 270 #2/Clr	0.32	3.13	0.19	0.34	52
USA Sliding Door (Cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; 270 #2/i89 #4	0.29	3.45	0.19	0.33	42
USA Sliding Door (Cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; Bronze Tint/270 #3	0.32	3.13	0.19	0.26	52
USA Sliding Door (Cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; 366 #2/Clr	0.32	3.13	0.15	0.32	52
USA Sliding Door (Cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; 366 #2/i89 #4	0.28	3.57	0.14	0.31	42
USA Sliding Door (Cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; Bronze tint/366 #3	0.32	3.13	0.16	0.24	52
USA Sliding Door (Cardinal IG)	>=1" SDL	DG	D			3/4" I.G.; Clr / E180 #3	0.33	3.03	0.35	0.39	51

* 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