



Sun Windows, Inc. Product Performance Data

Clad Thermal Performance (Cardinal 270, 366, E180 and i89)
NFRC 100/200/500

SunClad USA Bi-Fold Door

Product	Grid Type	Glazing	Glass	Glazing Description	U-Value	R-Value	SHGC	VT	CR
USA Bi-Fold Door	N	DG	D	3/4" I.G.; 270 #2/Clr	0.31	3.23	0.23	0.42	47
USA Bi-Fold Door	N	DG	D	3/4" I.G.; 270 #2/i89 #4	0.28	3.57	0.22	0.41	47
USA Bi-Fold Door	N	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.31	3.23	0.23	0.31	47
USA Bi-Fold Door	N	DG	D	3/4" I.G.; 366 #2/Clr	0.31	3.23	0.17	0.39	48
USA Bi-Fold Door	N	DG	D	3/4" I.G.; 366 #2/i89 #4	0.28	3.57	0.17	0.38	47
USA Bi-Fold Door	N	DG	D	3/4" I.G.; Bronze tint/366 #3	0.31	3.23	0.19	0.29	47
USA Bi-Fold Door	N	DG	D	3/4" I.G.; Clr / E180 #3	0.32	3.13	0.42	0.47	47
USA Bi-Fold Door	N	TG	D	.98" I.G.; 270 #2/Clr/Clr	0.29	3.45	0.21	0.38	48
USA Bi-Fold Door	N	TG	D	.98" I.G.; 270 #2/Clr/i89 #6	0.26	3.85	0.21	0.37	47
USA Bi-Fold Door	N	TG	D	.98" I.G.; Brz Tint#2/Clr/270 #5	0.30	3.33	0.22	0.29	47
USA Bi-Fold Door	N	TG	D	.98" I.G.; 366 #2/Clr/Clr	0.28	3.57	0.16	0.35	48
USA Bi-Fold Door	N	TG	D	.98" I.G.; 366 #2/Clr/i89 #6	0.26	3.85	0.16	0.35	47
USA Bi-Fold Door	N	TG	D	.98" I.G.; Brz tint#2/Clr/366 #5	0.30	3.33	0.19	0.27	47
USA Bi-Fold Door	N	TG	D	.98" I.G.; Clr/Clr/E180 #5	0.31	3.23	0.38	0.43	47
USA Bi-Fold Door	< 1" SDL	DG	D	3/4" I.G.; 270 #2/Clr	0.31	3.23	0.20	0.36	47
USA Bi-Fold Door	< 1" SDL	DG	D	3/4" I.G.; 270 #2/i89 #4	0.28	3.57	0.19	0.35	47
USA Bi-Fold Door	< 1" SDL	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.31	3.23	0.20	0.27	47
USA Bi-Fold Door	< 1" SDL	DG	D	3/4" I.G.; 366 #2/Clr	0.31	3.23	0.15	0.33	48
USA Bi-Fold Door	< 1" SDL	DG	D	3/4" I.G.; 366 #2/i89 #4	0.28	3.57	0.15	0.32	47
USA Bi-Fold Door	< 1" SDL	DG	D	3/4" I.G.; Bronze tint/366 #3	0.31	3.23	0.17	0.25	47
USA Bi-Fold Door	< 1" SDL	DG	D	3/4" I.G.; Clr / E180 #3	0.32	3.13	0.36	0.41	47
USA Bi-Fold Door	< 1" SDL	TG	D	.98" I.G.; 270 #2/Clr/Clr	0.29	3.45	0.19	0.33	48
USA Bi-Fold Door	< 1" SDL	TG	D	.98" I.G.; 270 #2/Clr/i89 #6	0.27	3.70	0.18	0.32	47
USA Bi-Fold Door	< 1" SDL	TG	D	.98" I.G.; Brz Tint#2/Clr/270 #5	0.31	3.23	0.19	0.25	47
USA Bi-Fold Door	< 1" SDL	TG	D	.98" I.G.; 366 #2/Clr/Clr	0.29	3.45	0.14	0.30	48
USA Bi-Fold Door	< 1" SDL	TG	D	.98" I.G.; 366 #2/Clr/i89 #6	0.27	3.70	0.14	0.30	47
USA Bi-Fold Door	< 1" SDL	TG	D	.98" I.G.; Brz tint#2/Clr/366 #5	0.30	3.33	0.17	0.23	47
USA Bi-Fold Door	< 1" SDL	TG	D	.98" I.G.; Clr/Clr/E180 #5	0.31	3.23	0.33	0.37	47
USA Bi-Fold Door	≥ 1" SDL	DG	D	3/4" I.G.; 270 #2/Clr	0.32	3.13	0.17	0.30	47
USA Bi-Fold Door	≥ 1" SDL	DG	D	3/4" I.G.; 270 #2/i89 #4	0.29	3.45	0.17	0.30	47
USA Bi-Fold Door	≥ 1" SDL	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.32	3.13	0.17	0.23	47
USA Bi-Fold Door	≥ 1" SDL	DG	D	3/4" I.G.; 366 #2/Clr	0.32	3.13	0.13	0.28	48
USA Bi-Fold Door	≥ 1" SDL	DG	D	3/4" I.G.; 366 #2/i89 #4	0.29	3.45	0.13	0.27	47
USA Bi-Fold Door	≥ 1" SDL	DG	D	3/4" I.G.; Bronze tint/366 #3	0.32	3.13	0.15	0.21	47
USA Bi-Fold Door	≥ 1" SDL	DG	D	3/4" I.G.; Clr / E180 #3	0.33	3.03	0.31	0.34	47
USA Bi-Fold Door	≥ 1" SDL	TG	D	.98" I.G.; 270 #2/Clr/Clr	0.30	3.33	0.16	0.28	48
USA Bi-Fold Door	≥ 1" SDL	TG	D	.98" I.G.; 270 #2/Clr/i89 #6	0.28	3.57	0.16	0.27	47
USA Bi-Fold Door	≥ 1" SDL	TG	D	.98" I.G.; Brz Tint#2/Clr/270 #5	0.31	3.23	0.17	0.21	47
USA Bi-Fold Door	≥ 1" SDL	TG	D	.98" I.G.; 366 #2/Clr/Clr	0.30	3.33	0.12	0.26	48
USA Bi-Fold Door	≥ 1" SDL	TG	D	.98" I.G.; 366 #2/Clr/i89 #6	0.27	3.70	0.12	0.25	47
USA Bi-Fold Door	≥ 1" SDL	TG	D	.98" I.G.; Brz tint#2/Clr/366 #5	0.31	3.23	0.15	0.19	47
USA Bi-Fold Door	≥ 1" SDL	TG	D	.98" I.G.; Clr/Clr/E180 #5	0.31	3.23	0.28	0.31	47

Updated: 3/31/2023