



Sun Windows, Inc. Product Performance Data

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

SunClad Sash Set Fixed

Product	Grid Type	Glazing	Glass	Glazing Description	U-Value	R-Value	SHGC	VT	CR
USA Sash Set Fixed	N	DG	D	3/4" I.G.; 270 #2/Clr	0.30	3.33	0.30	0.57	57
USA Sash Set Fixed	N	DG	D	3/4" I.G.; 270 #2/i89 #4	0.26	3.85	0.30	0.55	45
USA Sash Set Fixed	N	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.30	3.33	0.30	0.43	57
USA Sash Set Fixed	N	DG	D	3/4" I.G.; 366 #2/Clr	0.29	3.45	0.23	0.52	57
USA Sash Set Fixed	N	DG	D	3/4" I.G.; 366 #2/i89 #4	0.25	4.00	0.22	0.51	45
USA Sash Set Fixed	N	DG	D	3/4" I.G.; Bronze tint/366 #3	0.29	3.45	0.26	0.39	57
USA Sash Set Fixed	N	DG	D	3/4" I.G.; Clr / E180 #3	0.31	3.23	0.56	0.64	56
USA Sash Set Fixed	N	TG	D	.98" I.G.; 270 #2/Clr/Clr	0.26	3.85	0.28	0.52	62
USA Sash Set Fixed	N	TG	D	.98" I.G.; 270 #2/Clr/i89 #6	0.23	4.35	0.28	0.51	50
USA Sash Set Fixed	N	TG	D	.98" I.G.; 366 #2/Clr/Clr	0.26	3.85	0.21	0.48	63
USA Sash Set Fixed	N	TG	D	.98" I.G.; 366 #2/Clr/i89 #6	0.23	4.35	0.21	0.47	50
USA Sash Set Fixed	N	TG	D	.98" I.G.; 270 #2/Clr/E180 #5	0.23	4.35	0.28	0.50	66
USA Sash Set Fixed	N	TG	D	.98" I.G.; 366 #2/Clr/E180 #5	0.23	4.35	0.21	0.46	66
USA Sash Set Fixed	< 1" SDL	DG	D	3/4" I.G.; 270 #2/Clr	0.31	3.23	0.27	0.51	57
USA Sash Set Fixed	< 1" SDL	DG	D	3/4" I.G.; 270 #2/i89 #4	0.27	3.70	0.27	0.50	45
USA Sash Set Fixed	< 1" SDL	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.31	3.23	0.27	0.38	58
USA Sash Set Fixed	< 1" SDL	DG	D	3/4" I.G.; 366 #2/Clr	0.30	3.33	0.20	0.47	57
USA Sash Set Fixed	< 1" SDL	DG	D	3/4" I.G.; 366 #2/i89 #4	0.26	3.85	0.20	0.46	45
USA Sash Set Fixed	< 1" SDL	DG	D	3/4" I.G.; Bronze tint/366 #3	0.30	3.33	0.23	0.35	57
USA Sash Set Fixed	< 1" SDL	DG	D	3/4" I.G.; Clr / E180 #3	0.32	3.13	0.50	0.57	56
USA Sash Set Fixed	< 1" SDL	TG	D	.98" I.G.; 270 #2/Clr/Clr	0.28	3.57	0.25	0.46	62
USA Sash Set Fixed	< 1" SDL	TG	D	.98" I.G.; 270 #2/Clr/i89 #6	0.24	4.17	0.25	0.45	50
USA Sash Set Fixed	< 1" SDL	TG	D	.98" I.G.; 366 #2/Clr/Clr	0.27	3.70	0.19	0.43	63
USA Sash Set Fixed	< 1" SDL	TG	D	.98" I.G.; 366 #2/Clr/i89 #6	0.24	4.17	0.19	0.42	50
USA Sash Set Fixed	< 1" SDL	TG	D	.98" I.G.; 270 #2/Clr/E180 #5	0.24	4.17	0.25	0.45	66
USA Sash Set Fixed	< 1" SDL	TG	D	.98" I.G.; 366 #2/Clr/E180 #5	0.24	4.17	0.19	0.41	66
USA Sash Set Fixed	≥ 1" SDL	DG	D	3/4" I.G.; 270 #2/Clr	0.31	3.23	0.25	0.45	57
USA Sash Set Fixed	≥ 1" SDL	DG	D	3/4" I.G.; 270 #2/i89 #4	0.27	3.70	0.24	0.44	45
USA Sash Set Fixed	≥ 1" SDL	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.31	3.23	0.25	0.34	57
USA Sash Set Fixed	≥ 1" SDL	DG	D	3/4" I.G.; 366 #2/Clr	0.30	3.33	0.19	0.42	57
USA Sash Set Fixed	≥ 1" SDL	DG	D	3/4" I.G.; 366 #2/i89 #4	0.26	3.85	0.18	0.41	45
USA Sash Set Fixed	≥ 1" SDL	DG	D	3/4" I.G.; Bronze tint/366 #3	0.30	3.33	0.21	0.31	57
USA Sash Set Fixed	≥ 1" SDL	DG	D	3/4" I.G.; Clr / E180 #3	0.32	3.13	0.45	0.51	56
USA Sash Set Fixed	≥ 1" SDL	TG	D	.98" I.G.; 270 #2/Clr/Clr	0.28	3.57	0.23	0.41	62
USA Sash Set Fixed	≥ 1" SDL	TG	D	.98" I.G.; 270 #2/Clr/i89 #6	0.24	4.17	0.22	0.40	50
USA Sash Set Fixed	≥ 1" SDL	TG	D	.98" I.G.; 366 #2/Clr/Clr	0.27	3.70	0.17	0.38	63
USA Sash Set Fixed	≥ 1" SDL	TG	D	.98" I.G.; 366 #2/Clr/i89 #6	0.24	4.17	0.17	0.37	50
USA Sash Set Fixed	≥ 1" SDL	TG	D	.98" I.G.; 270 #2/Clr/E180 #5	0.24	4.17	0.23	0.40	66
USA Sash Set Fixed	≥ 1" SDL	TG	D	.98" I.G.; 366 #2/Clr/E180 #5	0.24	4.17	0.17	0.37	66

Updated: 3/23/2023