

Sun Windows, Inc.

Product Performance Data

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

NFRC 100/200/500

SunClad Double Hung Replacement

Product	Grid Type	az	glaz	Glazing Description	U-Value	R-Value	SHGC	VT	CR
USA Replacement DH	N	DG	D	3/4" I.G.; 270 #2/Clr	0.34	2.94	0.29	0.53	53
USA Replacement DH	N	DG	D	3/4" I.G.; 270 #2/i89 #4	0.30	3.33	0.28	0.52	45
USA Replacement DH	N	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.34	2.94	0.28	0.40	53
USA Replacement DH	N	DG	D	3/4" I.G.; 366 #2/Clr	0.33	3.03	0.21	0.49	53
USA Replacement DH	N	DG	D	3/4" I.G.; 366 #2/i89 #4	0.30	3.33	0.21	0.48	45
USA Replacement DH	N	DG	D	3/4" I.G.; Bronze tint/366 #3	0.33	3.03	0.24	0.37	53
USA Replacement DH	GBG	DG	D	3/4" I.G.; 270 #2/Clr	0.35	2.86	0.26	0.47	53
USA Replacement DH	GBG	DG	D	3/4" I.G.; 270 #2/i89 #4	0.31	3.23	0.25	0.46	45
USA Replacement DH	GBG	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.35	2.86	0.25	0.36	53
USA Replacement DH	GBG	DG	D	3/4" I.G.; 366 #2/Clr	0.35	2.86	0.19	0.44	53
USA Replacement DH	GBG	DG	D	3/4" I.G.; 366 #2/i89 #4	0.31	3.23	0.19	0.43	45
USA Replacement DH	GBG	DG	D	3/4" I.G.; Bronze tint/366 #3	0.35	2.86	0.22	0.33	53
USA Replacement DH	5/8" SDL	DG	D	3/4" I.G.; 270 #2/Clr	0.35	2.86	0.26	0.47	53
USA Replacement DH	5/8" SDL	DG	D	3/4" I.G.; 270 #2/i89 #4	0.31	3.23	0.25	0.46	45
USA Replacement DH	5/8" SDL	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.35	2.86	0.25	0.36	53
USA Replacement DH	5/8" SDL	DG	D	3/4" I.G.; 366 #2/Clr	0.35	2.86	0.19	0.44	53
USA Replacement DH	5/8" SDL	DG	D	3/4" I.G.; 366 #2/i89 #4	0.31	3.23	0.19	0.43	45
USA Replacement DH	5/8" SDL	DG	D	3/4" I.G.; Bronze tint/366 #3	0.35	2.86	0.22	0.33	53
USA Replacement DH	>=1" SDL	DG	D	3/4" I.G.; 270 #2/Clr	0.35	2.86	0.23	0.42	53
USA Replacement DH	>=1" SDL	DG	D	3/4" I.G.; 270 #2/i89 #4	0.31	3.23	0.23	0.41	45
USA Replacement DH	>=1" SDL	DG	D	3/4" I.G.; Bronze Tint/270 #3	0.35	2.86	0.23	0.31	53
USA Replacement DH	>=1" SDL	DG	D	3/4" I.G.; 366 #2/Clr	0.35	2.86	0.17	0.39	53
USA Replacement DH	>=1" SDL	DG	D	3/4" I.G.; 366 #2/i89 #4	0.31	3.23	0.17	0.38	45
USA Replacement DH	>=1" SDL	DG	D	3/4" I.G.; Bronze tint/366 #3	0.35	2.86	0.20	0.29	53

* 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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