

STRUCTURAL RATINGS						
PRODUCT UNIT	TEST SIZE IN INCHES	AIR INFILTRATION (cfm/ft <sup>2</sup> )	WATER RESISTANCE (psf)	UNIFORM LOAD TEST PRESSURE (psf)	DESIGN PRESSURE (psf)	OVERALL PERFORMANCE
Sanford Hills - DH	40" X 63"	<0.01	7.52	75.20	50.13	R-PG50
Sanford Hills - DH	36" X 72"	0.01	7.52	75.20	50.13	R-PG50
Sanford Hills - DH	42" X 78"	0.15	7.52	75.20	50.13	LC-PG50
Sanford Hills - DH	44" X 75"	0.02	7.52	75.20	50.13	LC-PG50
Sanford Hills - DH PW	60" x 60"	<0.01	12.11	90.23	60.15	CW-PG60
Sanford Hills - CA	36" x 72"	<0.01	9.19	120.30	65.16	CW-PG65
Sanford Hills - Stationary Casement (Dual)	60" x 60"	<0.01	10.65	97.73	65.15	CW-PG65
Sanford Hills - Stationary Casement (Triple)	60" x 60"	<0.01	10.65	90.23	60.15	CW-PG60
Sanford Hills - AW	48" x 32"	<0.01	12.11	120.30	80.2	LC-PG80

- U-Value U-Factor is the measurement of the rate of Heat Loss through the window, so the lower the number, the better. U-Factor takes into consideration framing, glazing and spacer conductivity, so it is a rating of the entire window unit.
- SHGC SHGC is the Solar Heat Gain Coefficient of the glass unit. Since the SHGC typically drops with the U-Factor, any potential passive solar heating will also be reduced.
- VLT VT is the Visible Light Transmittance of the glass unit. This is an important rating to consider when specifying glazing packages that include Low-e glass. Low-E glass reduces radiated heat loss, but also reduces visible light.
- CR CR is the unit's Condensation Resistance Factor, and measures the unit's ability to resist excessive interior condensation during winter months.

THERMAL RATINGS					
	PRODUCT UNIT	U-VALUE	SHGC	VLT	CR
DOUBLE HUNG	Dual Pane Low-e/Argon	0.26	0.28	0.51	60
	Triple Pane Low-e/Clear/Clear (Argon)	0.22	0.26	0.46	69
	Triple Pane Low-e/Clear/Low-e (Argon)	0.19	0.24	0.40	73
	PassivGlas	0.23	0.44	0.54	67
	PassivGlas Plus	0.20	0.43	0.53	71

THERMAL RATINGS					
	PRODUCT UNIT	U-VALUE	SHGC	VLT	CR
CASEMENT	Dual Pane Low-e/Argon	0.23	0.23	0.42	62
	Triple Pane Low-e/Clear/Clear (Argon)	0.20	0.22	0.38	69
	Triple Pane Low-e/Clear/Low-e (Argon)	0.18	0.22	0.33	73
	PassivGlas	0.21	0.37	0.44	68
	PassivGlas Plus	0.19	0.35	0.43	72

THERMAL RATINGS					
	PRODUCT UNIT	U-VALUE	SHGC	VLT	CR
DOUBLE HUNG PICTURE	Dual Pane Low-e/Argon	0.25	0.29	0.53	63
	Triple Pane Low-e/Clear/Clear (Argon)	0.21	0.27	0.48	72
	Triple Pane Low-e/Clear/Low-e (Argon)	0.18	0.25	0.41	77
	PassivGlas	0.22	0.46	0.55	70
	PassivGlas Plus	0.19	0.44	0.54	75

THERMAL RATINGS					
	PRODUCT UNIT	U-VALUE	SHGC	VLT	CR
CASEMENT PICTURE	Dual Pane Low-e/Argon	0.24	0.29	0.52	62
	Triple Pane Low-e/Clear/Clear (Argon)	0.20	0.22	0.38	69
	Triple Pane Low-e/Clear/Low-e (Argon)	0.18	0.22	0.33	73
	PassivGlas	0.21	0.37	0.44	68
	PassivGlas Plus	0.19	0.35	0.43	72

THERMAL RATINGS					
	PRODUCT UNIT	U-VALUE	SHGC	VLT	CR
AWNING	Dual Pane Low-e/Argon	0.24	0.23	0.42	60
	Triple Pane Low-e/Clear/Clear (Argon)	0.20	0.22	0.38	70
	Triple Pane Low-e/Clear/Low-e (Argon)	0.18	0.22	0.33	74
	PassivGlas	0.21	0.37	0.44	69
	PassivGlas Plus	0.19	0.35	0.43	73