

### THERMAL PERFORMANCE DATA

GOLDENVINYL 1000 SERIES OPERATING AWNING											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.76	0.31	0.48	29	N	1.70	0.30	0.49	30	N
Soft Coat Low E (2)   Clear	SBCL	1.65	0.29	0.27	19	N	1.53	0.27	0.27	21	N
Hard Coat Low E (2)   Clear   Hard Coat Low E (5)	LECLLE						1.14	0.20	0.38	30	Y
Soft Coat Low E (2)   Clear   Soft Coat Low E (5)	SBCLSB						1.02	0.18	0.23	31	Y

**Note:** Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENVINYL 1000 SERIES FIXED AWNING											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.70	0.30	0.56	35	N	1.70	0.30	0.56	35	N
Soft Coat Low E (2)   Clear	SBCL	1.53	0.27	0.31	24	N	1.48	0.26	0.31	25	N
Hard Coat Low E (2)   Clear   Hard Coat Low E (5)	LECLLE						1.08	0.19	0.44	42	Y
Soft Coat Low E (2)   Clear   Soft Coat Low E (5)	SBCLSB						0.91	0.16	0.27	36	Y

**Note:** Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENVINYL 1000 SERIES OPERATING CASEMENT											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.76	0.31	0.48	29	N	1.70	0.30	0.49	30	N
Soft Coat Low E (2)   Clear	SBCL	1.65	0.29	0.27	19	N	1.53	0.27	0.27	21	N
Hard Coat Low E (2)   Clear   Hard Coat Low E (5)	LECLLE						1.14	0.20	0.38	30	Y
Soft Coat Low E (2)   Clear   Soft Coat Low E (5)	SBCLSB						1.02	0.18	0.23	31	Y

**Note:** Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENVINYL 1000 SERIES FIXED CASEMENT											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.70	0.30	0.56	35	N	1.70	0.30	0.56	35	N
Soft Coat Low E (2)   Clear	SBCL	1.53	0.27	0.31	24	N	1.48	0.26	0.31	25	N
Hard Coat Low E (2)   Clear   Hard Coat Low E (5)	LECLLE						1.08	0.19	0.44	42	Y
Soft Coat Low E (2)   Clear   Soft Coat Low E (5)	SBCLSB						0.91	0.16	0.27	36	Y

**Note:** Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENVINYL 1000 SERIES SINGLE SLIDER											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.82	0.32	0.56	32	N	1.76	0.31	0.56	35	N
Soft Coat Low E (2)   Clear	SBCL	1.65	0.29	0.31	22	N	1.59	0.28	0.31	23	N
Hard Coat Low E (2)   Clear   Hard Coat Low E (5)	LECLLE						1.14	0.20	0.44	40	Y
Soft Coat Low E (2)   Clear   Soft Coat Low E (5)	SBCLSB						1.02	0.18	0.26	33	Y

**Note:** Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENVINYL 1000 SERIES DOUBLE SLIDER											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.82	0.32	0.54	31	N	1.76	0.31	0.54	33	N
Soft Coat Low E (2)   Clear	SBCL	1.70	0.29	0.29	20	N	1.59	0.28	0.29	22	N
Hard Coat Low E (2)   Clear   Hard Coat Low E (5)	LECLLE						1.19	0.21	0.42	38	Y
Soft Coat Low E (2)   Clear   Soft Coat Low E (5)	SBCLSB						1.08	0.19	0.25	31	Y

Note: Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENVINYL 1000 SERIES SINGLE HUNG											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.82	0.32	0.56	32	N	1.76	0.31	0.56	33	N
Soft Coat Low E (2)   Clear	SBCL	1.65	0.29	0.31	21	N	1.59	0.28	0.31	23	N
Hard Coat Low E (2)   Clear   Hard Coat Low E (5)	LECLLE						1.19	0.21	0.42	38	Y
Soft Coat Low E (2)   Clear   Soft Coat Low E (5)	SBCLSB						1.02	0.18	0.25	32	Y

Note: Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENVINYL 1000 SERIES DOUBLE HUNG											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.82	0.32	0.54	31	N	1.70	0.30	0.54	34	N
Soft Coat Low E (2)   Clear	SBCL	1.70	0.29	0.29	20	N	1.53	0.27	0.29	23	N
Hard Coat Low E (2)   Clear   Hard Coat Low E (5)	LECLLE						1.19	0.21	0.42	38	Y
Soft Coat Low E (2)   Clear   Soft Coat Low E (5)	SBCLSB						1.02	0.18	0.25	32	Y

Note: Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENVINYL 1000 SERIES ARCHITECTURAL & PICTURE											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.70	0.30	0.61	38	N	1.65	0.29	0.61	39	N
Soft Coat Low E (2)   Clear	SBCL	1.53	0.27	0.34	26	N	1.48	0.26	0.34	27	N
Hard Coat Low E (2)   Clear   Hard Coat Low E (5)	LECLLE						1.02	0.18	0.48	45	Y
Soft Coat Low E (2)   Clear   Soft Coat Low E (5)	SBCLSB						0.85	0.15	0.29	38	Y

Note: Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).



Updated: January 1, 2016

GOLDENCLAD OPERATING AWNING											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.87	0.33	0.51	28	1	1.76	0.31	0.51	30	1   2
Soft Coat Low E (2)   Clear	SBCL	1.76	0.31	0.27	16	None	1.65	0.29	0.27	19	None
Hard Coat Low E (2)   Hard Coat Low E (4)	LELE						1.53	0.27	0.42	30	1   2
Soft Coat Low E (2)   Hard Coat Low E (4)	SBLE						1.42	0.25	0.26	23	1   2

Note: Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENCLAD FIXED AWNING											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.82	0.32	0.58	33	1   2	1.76	0.31	0.58	35	1   2   3
Soft Coat Low E (2)   Clear	SBCL	1.65	0.29	0.31	22	None	1.53	0.27	0.31	24	1
Hard Coat Low E (2)   Hard Coat Low E (4)	LELE						1.48	0.26	0.48	35	1   2   3
Soft Coat Low E (2)   Hard Coat Low E (4)	SBLE						1.31	0.23	0.29	28	1   2

Note: Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENCLAD OPERATING CASEMENT											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.87	0.33	0.51	28	1	1.76	0.31	0.51	30	1   2
Soft Coat Low E (2)   Clear	SBCL	1.76	0.31	0.27	16	None	1.65	0.29	0.27	19	None
Hard Coat Low E (2)   Hard Coat Low E (4)	LELE						1.53	0.27	0.42	30	1   2
Soft Coat Low E (2)   Hard Coat Low E (4)	SBLE						1.42	0.25	0.26	23	1   2

**Note:** Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENCLAD FIXED CASEMENT											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.82	0.32	0.58	33	1   2	1.76	0.31	0.58	35	1   2   3
Soft Coat Low E (2)   Clear	SBCL	1.65	0.29	0.31	22	None	1.53	0.27	0.31	24	1
Hard Coat Low E (2)   Hard Coat Low E (4)	LELE						1.48	0.26	0.48	35	1   2   3
Soft Coat Low E (2)   Hard Coat Low E (4)	SBLE						1.31	0.23	0.29	28	1   2

**Note:** Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENCLAD DOUBLE HUNG											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.99	0.35	0.53	26	1	1.87	0.33	0.53	29	1   2
Soft Coat Low E (2)   Clear	SBCL	1.82	0.32	0.28	16	None	1.70	0.30	0.28	18	None
Hard Coat Low E (2)   Hard Coat Low E (4)	LELE						1.65	0.29	0.43	28	1
Soft Coat Low E (2)   Hard Coat Low E (4)	SBLE						1.53	0.27	0.27	21	1

**Note:** Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).

GOLDENCLAD ARCHITECTURAL & PICTURE											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Value	U Factor	SHGC	ER	Energy Star Canada Zone	U Value	U Factor	SHGC	ER	Energy Star Canada Zone
Clear   Hard Coat Low E (3)	CLLE	1.82	0.32	0.66	38	1   2   3	1.76	0.31	0.66	39	1   2   3
Soft Coat Low E (2)   Clear	SBCL	1.65	0.29	0.35	24	None	1.53	0.27	0.35	27	1
Hard Coat Low E (2)   Hard Coat Low E (4)	LELE						1.42	0.25	0.54	40	1   2   3
Soft Coat Low E (2)   Hard Coat Low E (4)	SBLE						1.31	0.23	0.33	30	1   2

**Note:** Test results for standard units with no grilles. Grilles will impact these values. Test results can be verified by the NFRC (National Fenestration Rating Council).