

THERMAL PERFORMANCE DATA

GOLDENVINYL 1000 SERIES OPERATING AWNING											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.64	0.29	0.46	30	N	1.56	0.28	0.46	32	N
2 Silver Low E (2) Clear	2ACA	1.60	0.28	0.28	21	N	1.52	0.27	0.28	23	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.40	0.25	0.28	25	N	1.34	0.24	0.28	26	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.43	0.25	0.42	33	N	1.37	0.24	0.42	34	Y
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						1.03	0.18	0.38	39	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						1.00	0.18	0.24	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 FIXED AWNING											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.60	0.28	0.53	36	Y	1.55	0.27	0.53	37	Y
2 Silver Low E (2) Clear	2ACA	1.56	0.27	0.33	25	N	1.50	0.26	0.33	26	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.31	0.23	0.32	30	N	1.27	0.22	0.32	31	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.34	0.24	0.49	39	Y	1.30	0.23	0.49	40	Y
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						0.96	0.17	0.44	44	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						0.93	0.16	0.28	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 Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.63	0.29	0.46	30	N	1.56	0.27	0.46	32	N
2 Silver Low E (2) Clear	2ACA	1.60	0.28	0.28	21	N	1.52	0.27	0.28	23	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.39	0.24	0.28	25	N	1.32	0.23	0.28	27	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.41	0.25	0.42	33	N	1.35	0.24	0.42	35	Y
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						1.03	0.18	0.38	39	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						1.01	0.18	0.24	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 Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.60	0.28	0.53	36	Y	1.55	0.27	0.53	37	Y
2 Silver Low E (2) Clear	2ACA	1.56	0.27	0.33	25	N	1.50	0.26	0.33	26	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.31	0.23	0.32	30	N	1.27	0.22	0.32	31	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.34	0.24	0.49	39	Y	1.30	0.23	0.49	40	Y
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						0.96	0.17	0.44	44	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						0.93	0.16	0.28	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 Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.70	0.30	0.53	33	N	1.62	0.29	0.53	35	Y
2 Silver Low E (2) Clear	2ACA	1.66	0.29	0.33	22	N	1.58	0.28	0.33	24	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.41	0.25	0.32	28	N	1.35	0.24	0.32	29	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.45	0.25	0.49	37	Y	1.38	0.24	0.49	38	Y
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						1.04	0.18	0.44	42	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						1.00	0.18	0.28	34	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 Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.70	0.30	0.51	32	N	1.63	0.29	0.51	33	N
2 Silver Low E (2) Clear	2ACA	1.66	0.29	0.31	21	N	1.59	0.28	0.31	23	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.44	0.25	0.31	26	N	1.37	0.24	0.31	28	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.47	0.26	0.47	35	Y	1.40	0.25	0.47	36	Y
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						1.10	0.19	0.42	40	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						1.07	0.19	0.26	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 SINGLE HUNG											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.69	0.30	0.53	33	N	1.62	0.29	0.53	34	Y
2 Silver Low E (2) Clear	2ACA	1.65	0.29	0.32	22	N	1.57	0.28	0.32	24	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.41	0.25	0.32	27	N	1.34	0.24	0.32	29	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.44	0.25	0.49	36	Y	1.37	0.24	0.49	38	Y
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						1.05	0.18	0.44	42	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						1.02	0.18	0.28	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 HUNG											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.69	0.30	0.51	32	N	1.61	0.28	0.51	34	Y
2 Silver Low E (2) Clear	2ACA	1.64	0.29	0.31	22	N	1.57	0.28	0.31	23	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.41	0.25	0.31	26	N	1.35	0.24	0.31	28	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.44	0.25	0.47	35	Y	1.38	0.24	0.47	36	Y
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						1.08	0.19	0.42	40	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						1.05	0.19	0.26	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 Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.58	0.28	0.58	39	Y	1.53	0.27	0.58	40	Y
2 Silver Low E (2) Clear	2ACA	1.54	0.27	0.36	27	N	1.48	0.26	0.36	28	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.27	0.22	0.35	32	N	1.23	0.22	0.35	33	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.31	0.23	0.54	42	Y	1.26	0.22	0.54	43	Y
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						0.89	0.16	0.48	48	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						0.85	0.15	0.30	39	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).											

GOLDENCLAD OPERATING AWNING											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.79	0.32	0.46	26	N	1.69	0.30	0.46	28	N
2 Silver Low E (2) Clear	2ACA	1.76	0.31	0.29	16	N	1.65	0.29	0.29	19	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.54	0.27	0.28	21	N	1.45	0.26	0.28	23	N
1 Silver Low E (2) Clear 1 Energy Saving Low E (4)	1A8A	1.57	0.28	0.43	29	N	1.48	0.26	0.43	31	N
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						1.13	0.20	0.38	36	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						1.10	0.19	0.24	28	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).											

GOLDENCLAD FIXED AWNING											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.69	0.30	0.53	34	Y	1.62	0.28	0.53	35	Y
2 Silver Low E (2) Clear	2ACA	1.64	0.29	0.33	23	N	1.57	0.28	0.33	25	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.40	0.25	0.32	28	N	1.34	0.24	0.32	29	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.43	0.25	0.50	37	Y	1.37	0.24	0.50	39	Y
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						1.00	0.18	0.44	44	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						0.97	0.17	0.28	35	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).											

GOLDENCLAD OPERATING CASEMENT											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.79	0.32	0.46	26	N	1.69	0.30	0.46	28	N
2 Silver Low E (2) Clear	2ACA	1.76	0.31	0.29	16	N	1.65	0.29	0.29	19	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.54	0.27	0.28	21	N	1.45	0.26	0.28	23	N
1 Silver Low E (2) Clear 1 Energy Saving Low E (4)	1A8A	1.57	0.28	0.43	29	N	1.48	0.26	0.43	31	N
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						1.13	0.20	0.38	36	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						1.10	0.19	0.24	28	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).											

GOLDENCLAD FIXED CASEMENT											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.69	0.30	0.53	34	Y	1.62	0.28	0.53	35	Y
2 Silver Low E (2) Clear	2ACA	1.64	0.29	0.33	23	N	1.57	0.28	0.33	25	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.40	0.25	0.32	28	N	1.34	0.24	0.32	29	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.43	0.25	0.50	37	Y	1.37	0.24	0.50	39	Y
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						1.00	0.18	0.44	44	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						0.97	0.17	0.28	35	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).											

GOLDENCLAD DOUBLE HUNG											
Glazing Option	Glazing Code	Intercept					Superspacer				
		U Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.91	0.34	0.48	26	N	1.80	0.32	0.48	28	N
2 Silver Low E (2) Clear	2ACA	1.87	0.33	0.30	16	N	1.76	0.31	0.30	18	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.64	0.29	0.29	21	N	1.55	0.27	0.29	23	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.66	0.29	0.45	29	N	1.57	0.28	0.45	31	N
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 Factor	U Value	SHGC	ER	Energy Star Canada Zone	U Factor	U Value	SHGC	ER	Energy Star Canada Zone
Clear 1 Silver Low E (3)	CA1A	1.67	0.29	0.60	38	Y	1.60	0.28	0.60	39	Y
2 Silver Low E (2) Clear	2ACA	1.62	0.28	0.37	26	N	1.55	0.27	0.37	27	N
2 Silver Low E (2) Energy Saving Low E (4)	2A8A	1.35	0.24	0.36	31	N	1.29	0.23	0.36	32	N
1 Silver Low E (2) Energy Saving Low E (4)	1A8A	1.38	0.24	0.56	42	Y	1.32	0.23	0.56	43	Y
1 Silver Low E (2) Clear 1 Silver Low E (5)	1ACA1A						0.91	0.16	0.50	48	Y
2 Silver Low E (2) Clear 2 Silver Low E (5)	2ACA2A						0.87	0.15	0.31	39	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).											