

**GOLDENVINYL 1000 SERIES  
THERMAL PERFORMANCE DATA**

GOLDENVINYL 1000 SERIES OPERATING AWNING						
Glazing Option	Glazing Code	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.48	0.26	0.46	34	Y
2 Silver Low E (2)   Clear	2ACA	1.53	0.27	0.28	24	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.36	0.24	0.28	27	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.31	0.23	0.42	35	Y
1 Silver Low E (2)   Clear   1 Silver Low E (5)	1ACA1A	1.02	0.18	0.38	39	Y
2 Silver Low E (2)   Clear   2 Silver Low E (5)	2ACA2A	1.02	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 AWNING						
Glazing Option	Glazing Code	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.53	0.27	0.53	37	Y
2 Silver Low E (2)   Clear	2ACA	1.48	0.26	0.33	26	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.25	0.22	0.32	31	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.31	0.23	0.49	41	Y
1 Silver Low E (2)   Clear   1 Silver Low E (5)	1ACA1A	0.97	0.17	0.44	45	Y
2 Silver Low E (2)   Clear   2 Silver Low E (5)	2ACA2A	0.91	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	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.48	0.26	0.46	34	Y
2 Silver Low E (2)   Clear	2ACA	1.53	0.27	0.28	23	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.31	0.23	0.28	27	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.25	0.22	0.42	36	Y
1 Silver Low E (2)   Clear   1 Silver Low E (5)	1ACA1A	1.02	0.18	0.38	39	Y
2 Silver Low E (2)   Clear   2 Silver Low E (5)	2ACA2A	1.02	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 CASEMENT						
Glazing Option	Glazing Code	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.53	0.27	0.53	37	Y
2 Silver Low E (2)   Clear	2ACA	1.48	0.26	0.33	26	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.25	0.22	0.32	31	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.31	0.23	0.49	41	Y
1 Silver Low E (2)   Clear   1 Silver Low E (5)	1ACA1A	0.97	0.17	0.44	45	Y
2 Silver Low E (2)   Clear   2 Silver Low E (5)	2ACA2A	0.91	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	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.59	0.28	0.53	36	Y
2 Silver Low E (2)   Clear	2ACA	1.59	0.28	0.33	25	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.36	0.24	0.32	30	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.36	0.24	0.49	38	Y
1 Silver Low E (2)   Clear   1 Silver Low E (5)	1ACA1A	1.02	0.18	0.44	43	Y
2 Silver Low E (2)   Clear   2 Silver Low E (5)	2ACA2A	1.02	0.18	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).

GOLDENVINYL 1000 SERIES DOUBLE SLIDER						
Glazing Option	Glazing Code	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.65	0.29	0.51	33	N
2 Silver Low E (2)   Clear	2ACA	1.59	0.28	0.31	24	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.36	0.24	0.31	27	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.42	0.25	0.47	37	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	1.08	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	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.65	0.29	0.53	35	Y
2 Silver Low E (2)   Clear	2ACA	1.59	0.28	0.32	25	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.36	0.24	0.32	29	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.36	0.24	0.49	38	Y
1 Silver Low E (2)   Clear   1 Silver Low E (5)	1ACA1A	1.02	0.18	0.44	42	Y
2 Silver Low E (2)   Clear   2 Silver Low E (5)	2ACA2A	1.02	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 HUNG						
Glazing Option	Glazing Code	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.59	0.28	0.51	34	Y
2 Silver Low E (2)   Clear	2ACA	1.59	0.28	0.31	24	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.36	0.24	0.31	28	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.36	0.24	0.47	37	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	1.08	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	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.53	0.27	0.58	40	Y
2 Silver Low E (2)   Clear	2ACA	1.48	0.26	0.36	28	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.25	0.22	0.35	33	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.25	0.22	0.54	44	Y
1 Silver Low E (2)   Clear   1 Silver Low E (5)	1ACA1A	0.91	0.16	0.48	49	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 & GOLDENWOOD  
THERMAL PERFORMANCE DATA**

GOLDENCLAD/GOLDENWOOD OPERATING AWNING						
Glazing Option	Glazing Code	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.70	0.30	0.46	30	N
2 Silver Low E (2)   Clear	2ACA	1.65	0.29	0.29	20	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.48	0.26	0.28	25	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.48	0.26	0.43	32	N
1 Silver Low E (2)   Clear   1 Silver Low E (5)	1ACA1A	1.14	0.20	0.38	38	Y
2 Silver Low E (2)   Clear   2 Silver Low E (5)	2ACA2A	1.08	0.19	0.24	30	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/GOLDENWOOD FIXED AWNING						
Glazing Option	Glazing Code	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.59	0.28	0.53	36	Y
2 Silver Low E (2)   Clear	2ACA	1.59	0.28	0.33	25	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.36	0.24	0.32	30	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.36	0.24	0.50	39	Y
1 Silver Low E (2)   Clear   1 Silver Low E (5)	1ACA1A	1.02	0.18	0.44	43	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/GOLDENWOOD OPERATING CASEMENT						
Glazing Option	Glazing Code	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.70	0.30	0.46	30	N
2 Silver Low E (2)   Clear	2ACA	1.65	0.29	0.29	20	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.48	0.26	0.28	25	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.48	0.26	0.43	32	N
1 Silver Low E (2)   Clear   1 Silver Low E (5)	1ACA1A	1.14	0.20	0.38	38	Y
2 Silver Low E (2)   Clear   2 Silver Low E (5)	2ACA2A	1.08	0.19	0.24	30	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/GOLDENWOOD FIXED CASEMENT						
Glazing Option	Glazing Code	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.59	0.28	0.53	36	Y
2 Silver Low E (2)   Clear	2ACA	1.59	0.28	0.33	25	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.36	0.24	0.32	30	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.36	0.24	0.50	39	Y
1 Silver Low E (2)   Clear   1 Silver Low E (5)	1ACA1A	1.02	0.18	0.44	43	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/GOLDENWOOD DOUBLE HUNG						
Glazing Option	Glazing Code	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.82	0.32	0.48	29	N
2 Silver Low E (2)   Clear	2ACA	1.76	0.31	0.30	19	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.53	0.27	0.29	23	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.59	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/GOLDENWOOD ARCHITECTURAL & PICTURE						
Glazing Option	Glazing Code	Superspacer				Energy Star Canada Zone
		U Factor	U Value	SHGC	ER	
Clear   1 Silver Low E (3)	CA1A	1.59	0.28	0.60	40	Y
2 Silver Low E (2)   Clear	2ACA	1.53	0.27	0.37	27	N
2 Silver Low E (2)   Energy Saving Low E (4)	2A8A	1.31	0.23	0.36	33	N
1 Silver Low E (2)   Energy Saving Low E (4)	1A8A	1.31	0.23	0.56	43	Y
1 Silver Low E (2)   Clear   1 Silver Low E (5)	1ACA1A	0.91	0.16	0.50	49	Y
2 Silver Low E (2)   Clear   2 Silver Low E (5)	2ACA2A	0.85	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).