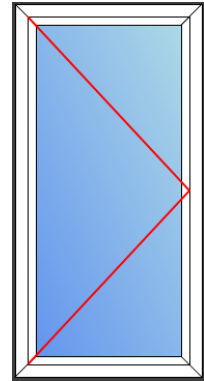




A quality manufacturer of high performance vinyl windows and doors

Test Report Specifications Casement / Awning

ANSI/AMAA/NWWDA 101/I.S-97
Report # 54876.01-701-47



Summary of Results

Title	Specimen 1	Specimen 2	Specimen 3	Specimen 4
Rating	C-C30 36 x 72	C-C30 36 x 60	C-C35 36 x 60	C-R20 36 x 60
Air Infiltration	0.01 cfm/ft ²	N/A	N/A	N/A
Water Resistance Pressure	12.0 psf	N/A	N/A	12.0 psf
Uniform Deflection Pressure	630.0 psf	630.0 psf	635.0 psf	620.0 psf
Uniform Structural Pressure	645.0 psf	634.0 psf	652.5 psf	630.0 psf
Deglazing	Passed	Passed	Passed	Passed
Forced Entry Resistance	Grade 10	N/A	N/A	N/A

NFRC 100/200/500 Report # 90066.04-116-45

Base Unit Validated 23.625" x 59.00"	
Simulated Thermal Transmittance (U-Factor)	0.28

Specific Thermal Results

Spacer Type	Super Spacer				Specifically for the Northern Climate Zone	
	E-Max* (Low-e ²) w/Argon		Advanced E-Max (Low-e ³) w/Argon		Clear & LowE 180 w/Argon	
Low-E Type	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids
U-Factor	0.27	0.27	0.26	0.26	0.27	0.27
SHGC	0.26	0.24	0.19	0.17	0.48	0.43
VT	0.48	0.43	0.29	0.27	0.54	0.49
CR	60	60	60	60	59	59