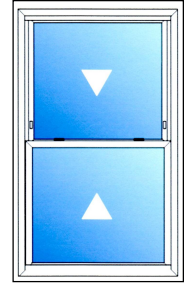




Test Report Specifications 2100 Double Hung



ANSI/AMAA/NWWDA 101/I.S-97
Report # 51784.02-701-47
*** Report # D4057.02-109-44**

Summary of Results

Title	Specimen 2	Specimen 3	* Specimen 1
Rating	DP H-R30 44 x 60	DP H-R35 44 x 66	DP H-R35 44 x 75
Glass Strength	Single	Single	Double
Reinforcements	None	Meeting Rails x 2	Meeting Rails x 2
NAMI Certification	NI011008.01	NI012903	NI011791.02
Operating Force	N/A	N/A	N/A
Air Infiltration	N/A	N/A	0.18 cfm/ft ²
Water Resistance Pressure	4.50 psf	6.00 psf	6.89 psf
Uniform Deflection Pressure	± 30.0 psf	± 40.0 psf	± 25.06 psf
Uniform Structural Pressure	± 45.0 psf	± 60.0 psf	± 37.59 psf
Forced Entry Resistance	N/A	N/A	Grade 10

ACOUSTICAL PERFORMANCE TEST (STC RATING)

Report / Data File	Glazing (nominal dimensions)	STC	OITC
B4693.01	3/4" IG - 1/8+annealed, 1/4+Laminate	35	29

NFRC 100/200/500 Report # E0120.17-116-45

Base Unit Validated 47.25+x 59.00+	
Simulated Thermal Transmittance (U-Factor)	0.287

Specific Thermal Results

Spacer Type	Intercept				Specifically for the Northern Climate Zone		Super Spacer				Specifically for the Northern Climate Zone	
	E-Max* (Low-e ²) w/ Argon		Advanced E-Max (Low-e ³) w/Argon		Advanced E-Max & 189 w/Argon		E-Max* (Low-e ²) w/ Argon		Advanced E-Max (Low-e ³) w/Argon		Advanced E-Max & 189 w/Argon	
Low-E Type	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids
U-Factor	0.29	0.30	0.29	0.29	0.25	0.25	0.29	0.29	0.28	0.28	0.24	0.24
SHGC	0.29	0.26	0.21	0.19	0.21	0.19	0.29	0.26	0.21	0.19	0.21	0.19
VT	0.54	0.49	0.50	0.45	0.49	0.43	0.54	0.49	0.50	0.45	0.49	0.43
CR	56	56	57	57	45	45	59	58	59	59	48	48