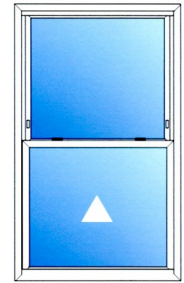




Test Report Specifications 2100 Single Hung



ANSI/AMAA/WDMA/CSA 101/I.S.2/A440-11, NAFS
ATI Report # D7113.02-501-47
NAMI Certification# NI012019

Summary of Results

Title	Specimen 3	Specimen 6
Rating	DP LC-PG 40 52 x 75	DP LC-PG 50 40 x 75
Design Pressure	± 40.10 psf	+50.13 psf
Negative Design Pressure	N/A	-50.13 psf
Air Infiltration	0.10 cfm/ft ²	0.11 cfm/ft ²
Canadian Air Infiltration/Exfiltration	A2	A2
Water Resistance Pressure	7.52 psf	6.89 psf

ACOUSTICAL PERFORMANCE TEST (STC RATING)

Report / Data File	Glazing (nominal dimensions)	STC	OITC
B2651.01	3/4" IG - 1/8" annealed, 1/8" annealed	27	23
B1803.01	3/4" IG - 1/4" annealed, 1/8" annealed	32	28

NFRC 100/200/500

Report # C7655.06-116-45

Base Unit Validated 47.25" x 59.00"	
Simulated Thermal Transmittance (U-Factor)	0.257

Specific Thermal Results

2100 Single Hung																
Spacer Type	Intercept with Argon						Specifically for the Northern Climate Zone		Super Spacer with Argon						Specifically for the Northern Climate Zone	
LoE Type	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE180 & I-89		E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.30	0.30	0.30	0.30	0.21	0.19	N/A	N/A	0.29	0.28	0.29	0.29	0.21	0.27	0.26	N/A
SHGC	0.29	0.26	0.21	0.19	0.26	0.26	N/A	N/A	0.29	0.26	0.21	0.19	0.25	0.45	0.49	N/A
VT	0.54	0.48	0.50	0.45	0.49	0.44	N/A	N/A	0.54	0.48	0.50	0.45	0.49	0.45	0.45	N/A
CR	55	55	56	56	47	47	N/A	N/A	59	59	59	59	47	47	42	N/A