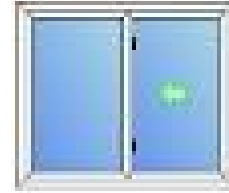




Test Report Specifications 2100 Single Glider

ANSI/AMAA/NWWDA 101/I.S-97
Report # 51785.02-701-47
NAMI Certification: NI0011512



Summary of Results

Title	Specimen 1	Specimen 2	Specimen 3	Specimen 4
Rating	DP HS-R25 120 x 66 XOX	DP HS-R30 72 x 66 XO	DP HS-R30 96 x 60 XOX	DP HS-R35 72 x 48 XO
Operating Force	14 lbs	N/A	N/A	N/A
Air Infiltration	0.12 cfm/ft ²	N/A	N/A	N/A
Water Resistance Pressure	3.75 psf	4.50 psf	4.50 psf	5.25 psf
Uniform Deflection Pressure	± 25.0 psf	± 30.0 psf	± 30.0 psf	± 35.0 psf
Uniform Structural Pressure	± 37.5 psf	± 45.0 psf	± 45.0 psf	± 60.0 psf
Deglazing	Passed	N/A	N/A	N/A
Forced Entry Resistance	Passed	N/A	N/A	N/A

NFRC 100/200/500 Report # 90060.19-116-45

Base Unit Validated 59.00+x 47.00+	
Simulated Thermal Transmittance (U-Factor)	0.30
NOTES:	Aluminum reinforcement in lock stile and keeper stile only
	190.093 SS was physically tested

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	0.30	0.30	0.30	0.30	0.25	0.25	0.29	0.29	0.29	0.29	0.24	0.24
SHGC	0.29	0.26	0.22	0.20	0.22	0.20	0.29	0.26	0.22	0.20	0.22	0.20
VT	0.55	0.49	0.51	0.45	0.51	0.46	0.55	0.49	0.51	0.45	0.51	0.46
CR	56	56	57	57	47	47	61	61	61	61	50	50