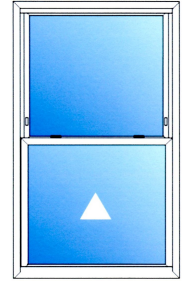




Test Report Specifications 2100 Single Hung



ANSI/AMAA/WDMA/CSA 101/I.S.2/A440-08 & 05
ANSI/AMAA/WDMA 101/I.S.2/NAFS-02
ANSI/AMAA/NWDA 101/I.S.2-97

Summary of Results

Title	Specimen 1	Specimen 2
Rating	DP LC-PG 30 44 ½ x 75 ½	DP LC-PG 35 44 ½ x 75 ½
Report Number	D4058.01	QCT11-2267.01
Operating Force	22.5 lbs	28 lbs
Air Infiltration	0.15 cfm/ft ²	0.09 cfm/ft ²
Water Resistance Pressure	6.89 psf	5.25 psf
Uniform Deflection Pressure	N/A	± 35.0 psf
Uniform Structural Pressure	± 52.5 N/Apsf	± 52.5 psf
Deglazing	Passed	Passed
Forced Entry Resistance	Grade 10 Pass	Grade 10 Pass
Canadian Air Infiltration/Exfiltration	A2	A3

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 # E0120.17.116-45
Specific Thermal Results

Spacer Type	*Intercept						Specifically for the Northern Climate Zone		Super Spacer				Specifically for the Northern Climate Zone	
	CLEAR ONLY NO Argon		E-Max* (Low-e ²) Argon		Advanced E-Max (Low-e ³) Argon		E-Max & 189 Argon		E-Max* (Low-e ²) Argon		Advanced E-Max (Low-e ³) Argon		180 Low-E & Argon	
Low-E Type	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.47	0.47	0.30	0.30	0.30	0.30	0.30	0.30	0.29	0.29	0.29	0.29	0.30	0.30
SHGC	0.61	0.55	0.29	0.26	0.22	0.20	0.51	0.45	0.29	0.26	0.22	0.20	0.51	0.45
VT	0.64	0.57	0.54	0.49	0.50	0.45	0.62	0.55	0.54	0.49	0.50	0.45	0.62	0.55
CR	43	43	55	55	55	55	59	59	58	58	59	59	57	57