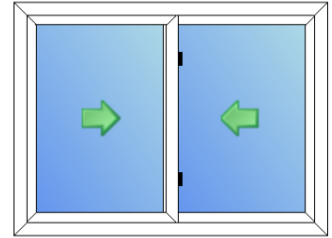




Test Report Specifications Ultra DG / CS 6000 DG

ANSI/AMAA/NWWDA 101/I.S-97
Report # 57194.02-701-47
 NAMI Certification: NI0011508



Summary of Results

Title	Specimen 1	Specimen 2	Specimen 3	Specimen 4
Rating	DP H-R30 96 x 60	DP H-R30 72 x 60	DP H-R20 72 x 48	DP H-R35 72 x 48
Operating Force	16 lbs max	15 lbs max	N/A	N/A
Air Infiltration	0.08 cfm/ft ²	0.08 cfm/ft ²	0.08 cfm/ft ²	0.08 cfm/ft ²
Water Resistance Pressure	3.75 psf	3.75 psf	6.00 psf	6.00 psf
Uniform Deflection Pressure	± 25.0 psf	± 25.0 psf	± 40.0 psf	± 40.0 psf
Uniform Structural Pressure	± 37.5 psf	± 37.5 psf	± 60.0 psf	± 60.0 psf
Deglazing	Passed	Passed	Passed	Passed
Forced Entry Resistance	Grade 10	Grade 10	Grade 10	Grade 10

NFRC 100/200/500 Report # QCT-SIM-10140 01

Base Unit Validated 59.00+x 47.25+	
Simulated Thermal Transmittance (U-Factor)	0.292

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		Advanced E-Max & I89 w/Argon	
	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids
U-Factor	0.29	0.29	0.29	0.29	0.25	0.25
SHGC	0.25	0.28	0.21	0.19	0.20	0.18
VT	0.46	0.52	0.48	0.43	0.47	0.42
CR	58	58	59	59	47	47