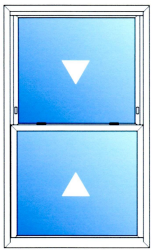
ViWinTech Windows & Doors
A quality manufacturer of high performance vinyl windows & doors

Test Report Specifications
Sargas DH / CS 2000 DH



ANSI/AMAA/NWWDA 101/I.S-97
Report # 51795.02-701-47
NAMI Certification # NI011507

Summary of Results

Title	Specimen 1	Specimen 2	Specimen 3	Specimen 4
Rating	***DP H-R25*** 48 x 72	***DP H-R25*** 48 x 72	***DP H-R30*** 44 x 60	***DP H-R35*** 44 x 60
Operating Force	22 lbs max	22 lbs max	22 lbs max	22 lbs max
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	4.50 psf	5.25 psf
Uniform Deflection Pressure	±25.0 psf	±25.0 psf	±30.0 psf	±35.0 psf
Uniform Structural Pressure	±37.5 psf	±37.5 psf	±45.0 psf	±52.5 psf
Deglazing	Passed	Passed	Passed	Passed
Forced Entry Resistance	Grade 10	Grade 10	Grade 10	Grade 10
Vinyl Wall Thickness ± 0.065ò *(currently walls are running closer to 0.070")*				

NFRC 100-2010/200-2010/500-2010
Report # QCT-SIM-10139 01

Specific Thermal Results

Spacer Type	Intercept				*Specifically for the Northern Climate Zone*		Super Spacer				*Specifically for the Northern Climate Zone*	
Low-E Type	**E-Max*** *(Low-e^2)* **w/ Argon**		**Advanced E-Max** *(Low-e^3)* **w/Argon**		**Advanced E-Max & I89 w/Argon**		**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	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids
U-Factor	***0.30***	***0.30***	***0.30***	***0.30***	***0.25***	***0.26***	***0.29***	***0.29***	***0.28***	***0.28***	***0.24***	***0.25***
SHGC	***0.28***	***0.26***	***0.21***	***0.19***	***0.21***	***0.19***	***0.28***	***0.26***	***0.21***	***0.19***	***0.21***	***0.19***
VT	0.54	0.48	0.50	0.44	0.48	0.43	0.54	0.48	0.50	0.44	0.48	0.43
CR	55	55	56	56	44	44	59	59	60	30	48	48

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