Silent Guard
Acoustical Windows and Doors

MODEL 8400 SLIDING PATIO DOOR PERFORMANCE DATA

ACOUSTICAL AND THERMAL PERFORMANCE BY GLASS CONFIGURATION

					U-Factor*		SHGC (clear)		SHGC (grids)		VLT (clear)		VLT (grids)	
Model	Glass Configuration	STC	EWR	OITC	272 Low E	366 Low E	272 Low E	366 Low E	272 Low E	366 Low E	272 Low E	366 Low E	272 Low E	366 Low E
8400 Sliding Patio Door*	3/16-1/8	32	33	26	0.28	0.28	0.34	0.23	0.31	0.20	0.60	0.54	0.53	0.47
	1/4-1/8	33	34	27	0.28	0.28	0.34	0.23	0.30	0.21	0.59	0.53	0.52	0.46
	1/4 Lami-1/8	34	34	28	0.28	0.28	0.34	0.23	0.30	0.21	0.59	0.53	0.52	0.46

*Reported performance includes argon gas filled IG units. Performance may vary depending upon spacer type, gas filling and glass coating used. Contact your Atrium representative for details.

UNIFORM STRUCTURAL LOAD, WATER RESISTANCE, AIR INFILTRATION AND FORCED ENTRY RATINGS

Model	Rating	Max. Size Tested	Structural Load Test Pressure	Water Resistance Test Pressure	Air Infiltration	Forced Entry
8400 Sliding Patio Door*	SD-LC-25 (DP 25)	87" x 83"	37.50 psf	6.00 psf	0.10 cfm/ft^2	Grade 10 - No Entry

*Additional sizes and multi-lite configurations are available. Performance may vary. Contact your Atrium representative for details.

INDUSTRY STANDARDS REFERENCES

Atrium Windows and Doors tests its acoustical products in accordance with the requirements of AAMA/NWWDA 101/I.S.-2 and under the requirements of ASTM, NFRC, and CMBSO/CAWM Industry Standards as follows:

Acoustical Performance: ASTM E90, ASTM E413 and ASTM E1332
Sturctural Performance: ASTM E330
Air Infiltration: ASTM E283

Thermal Performance: NFRC 400
Water Resistance: ASTM E547
Forced Entry: ASTM F588 & CAWM 301

Detailed information on test methods and reporting procedures is available upon request. The information contained in this publication is subject to modification, correction or update without notice.