



MODEL 8400 SLIDING PATIO DOOR PERFORMANCE DATA

ACOUSTICAL AND THERMAL PERFORMANCE BY GLASS CONFIGURATION

Model	Glazing Configuration	STC	EWR	OITC	U-Factor				SHGC (clear)		SHGC (grids)		VLT (clear)		VLT (grids)	
					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
					Air	Argon	Air	Argon								
8400 Sliding Patio Door*	3/16-1/8	32	33	26	0.33	0.30	0.33	0.30	0.34	0.23	0.30	0.21	0.59	0.53	0.52	0.46
	1/4-1/8	33	34	27	0.33	0.30	0.33	0.30	0.34	0.23	0.30	0.21	0.59	0.53	0.52	0.46
	1/4 Lami-1/8	34	34	28	0.33	0.30	0.33	0.30	0.34	0.23	0.30	0.21	0.59	0.53	0.52	0.46
	1/4 Lami-1/4 Lami	35	36	29	0.33	0.30	0.33	0.30	0.34	0.23	0.30	0.21	0.59	0.53	0.52	0.46

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

Model	Rating	Maximum 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
 Structural 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.