



## Series 8400 Patio Door

### Warm-Edge Insulated Glass

assembly improves thermal performance and helps reduce condensation

### Integral, Pre-Punched Mounting Flange

targets proper fastener locations for quick, correct installation (factory prepared block frame available for replacement applications)

### Adjustable, Stainless Steel Ball Bearing Wheel System

rolls on a stainless steel track to enhance durability and ensure smooth, easy sash operation

### Precision-Mitered Frames

with fusion-welded corners provide the best possible resistance to air and water infiltration and enhance structural integrity

### Dual Weep / Drainage System

carries water away from the window while controlling air and dust penetration

### Multi-Chamber Vinyl Profiles

enhance structural strength, sound absorbency and improve year-round thermal performance

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### Metal Reinforced Interlocks and Lock Stile

provide superior structural strength and security and contain a full length pile weatherstrip to reduce air and water infiltration

### Positive-Action Mortise Lock

is engaged via a convenient thumb turn located on the pull handle to provide comforting defense against forced entry

### Careful Design and Meticulous Heavy-Duty Construction

make this door an excellent choice for a wide variety of residential and light commercial applications

Color options:

White

Almond

Adobe

(actual colors may vary)



## Series 8400 Patio Door Performance Data

### Air, Water, Structural & Forced Entry Performance:

Performance Class	SD-LC25
Structural Load*	DP 25 (37.50 psf test pressure at 87" x 83" size) per ASTM E330
Water Resistance	6.00 psf per ASTM E547
Air Infiltration	0.10 cfm/ft <sup>2</sup> per ASTM E283
Forced Entry	Passed at Grade 10 per ASTM F588

\*Performance reported for a single unit configuration at size indicated. Rating may vary for other sizes and configurations. Contact your sales representative for details.

### Acoustic Performance:

Glazing Configuration	STC	EWR	OITC
3/16 - 1/8	32	33	26
1/4 - 1/8	33	34	27
1/4 Lami - 1/8	34	34	28
1/4 Lami - 1/4 Lami	35	36	29

### Thermal Performance:

Glass Type	U-Factor	SHGC (wo/ grids)	SHGC (w/grids)
Low E 272	0.33	0.35	0.30
Low E 272 - Argon	0.30	0.34	0.30
Low E 366	0.33	0.23	0.21
Low E 366 - Argon	0.30	0.23	0.20

Manufacturer reserves the right to substitute components as necessary for continued product improvement.  
\* Screens are not meant to restrain a child from falling through an open window.