



# Sun Windows, Inc.

## Product Performance Data

### Clad Structural Performance

101/I.S.2/A440-08 and/or 101/I.S.2/A440-05 Standard/Specification for Windows, Doors, and Unit Skylights

### SunClad

Product	Size	Design Pressure (psf)	Air Infiltration (cfm/ft <sup>2</sup> )	Water Performance (psf)	Structural Test Pressure (psf)	Certified Unit Design Pressure rating
USA Casement	36x72	50	0.0683	7.5	+75/-75	LC-PG50
	40x84	30	0.0261	7.5	+45/-60	R-PG25
	36x84	35	0.03	7.5	+52.5/-52.5	R-PG35
USA Awning	72x36	50	0.017	7.5	+75/-75	LC-PG50
	60x42	50	0.0171	7.5	+75/-75	LC-PG50
USA Casement Fixed Lite (Sash Set)	72x72	30	0.036	7.5	+45/-45	CW-PG30
	48x96	40	0.01	7.5	+60/-60	R-PG40
	48x48	50	0.01	7.5	+75/-75	LC-PG50
USA Easy Tilt DH/ USA Comfort Tilt DH	44x75	30	0.03	4.5	+45/-45	LC-PG30
	44x75 <sup>2</sup>	50	0.03	9.2	+75/-75	LC-PG50
	40x92 <sup>4</sup>	30	0.07	4.5	+45/-45	LC-PG30
	52x82 <sup>4</sup>	30	0.05	4.5	+45/-45	LC-PG30
	36x84 <sup>1</sup>	40	0.07	7.5	+60/-60	LC-PG40
USA Architectural DH	36 3/4x63 7/8	50	0.13	7.5	+75/-75	LC-PG50
	44x77.5	50	0.13	4.5	+75/-75	LC-PG30
	60x96	15	0.095	3.75	+22.5/-22.5	R-PG15
	60x120	15	0.22	3	+22.5/-22.5	R-PG15
USA Replacement DH	44x75	30	0.02	4.5	+45/-45	LC-PG30
	44x75 <sup>2</sup>	50	0.02	7.5	+75/-75	LC-PG50
	40x92 <sup>4</sup>	35	0.04	4.5	+52.5/-52.5	LC-PG30
	52x82 <sup>4</sup>	35	0.02	3.75	+52.5/-52.5	LC-PG25
USA Replacement Fixed	72x72 <sup>4</sup>	35	0.01	12.0	+52.5/-52.5	LC-PG35
	48x48 <sup>4</sup>	60	0.01	12.0	+90/-90	LC-PG60
	48x48	60	0.01	12.0	+90/-90	LC-PG60
USA Fixed Lite (direct set) (C2NF)	72x72 <sup>3</sup>	50	0.01	7.5	+75/-75	LC-PG50
	48x48 <sup>4</sup>	50	0.01	7.5	+75/-75	LC-PG50
USA Radius Window (direct set)	72x72 <sup>3</sup>	50	0.01	7.5	+75/-75	LC-PG50
	48x48 <sup>4</sup>	30	0.01	10.5	+45/-45	LC-PG30
USA Outswing Door	73 1/8 x 95 5/8	30	0.04	7.5	+45/-45	LC-PG30
	37 3/8 x 95 5/8	60	0.04	7.5	+90/-90	LC-PG50
USA Inswing Door	40 1/4 x 95 15/16	30	-	limited	+52.5/-52.5	
USA Inswing Sidelite						

<sup>1</sup> denotes requirement of 3/4" high sill stop

Last Update: 12/17/2019

<sup>2</sup> denotes requirement of 3/4" high sill stop, gluing in of headstop and 1 1/8" keeper screws

<sup>3</sup> denotes requirement of 3/16" glass

<sup>4</sup> denotes requirement of 1/8"(DS) glass