



STUDIO

Simplicity at Its Best

Simple and efficient, the Studio aluminum patio door exceeds industry standards for performance. Ideal for high-rise projects, this door is built to withstand the harsh weather and wind loads at the top. Essentially, Studio is a flexible aluminum patio door system, tailored for architectural applications with extensive customization options such as color, sill finishes, glass, hardware, and more.

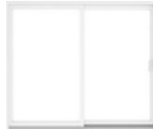
Studio aluminum patio door, 71 in × 79 1/2 in (1,80 m × 2,01 m) shown in typical window wall installation.

Studio — Aluminum Patio Door



Standard Sizes

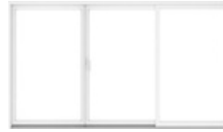
5', 6', 8' width



59" x 79 1/2"
 58 3/4" x 94 1/4"
 71" x 79 1/2"
 70 3/4" x 94 1/4"
 95" x 79 1/2"
 94 3/4" x 94 1/4"

x opening panel

7'6", 9' & 12' width



88 7/8" x 79
 1/2" 88 3/8" x
 94 1/4" 106
 7/8" x 79 1/2"
 106 3/8" x 94
 1/4" 142 7/8"
 x 79 1/2" 142
 3/8" x 94 1/4"

fixed panel (exterior view)

10', 12' & 16' width



117 1/2" x 79 1/2"
 117" x 94 1/4"
 141 1/2" x 79 1/2"
 141" x 94 1/4"
 189 1/2" x 79 1/2"
 189" x 94 1/4"

Custom sizes available tested up to 8 foot tall.

Specifications

Materials All aluminum door utilizing *pour-and-debridge* dual thermal break technology and double-seal weatherstripping.

Standard aluminum Jamb and head covers and aluminum sill cover.

Frame depth 4 9/16"

Glazing Options

Tempered 1" insulated glass units

Double glazed, Low-E : 272

U-value 0.37, SHGC 0.33

Double glazed, Low-E : 366

U-value 0.36, SHGC 0.22

Double glazed, Low-E : 366

U-value 0.31, SHGC 0.22

Triple glazed, Low-E : 272 / 272

U-value 0.30, SHGC 0.27

272 equivalent available : ClimaGuard 70/36

366 equivalent available : ClimaGuard 62/27



Elite Handle

White
 Black



Contemporary Handle (Option)

White
 Black
 Satin Nickel

Colors

Sill painted with exterior color.



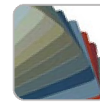
Commercial Brown (K70634)



Black (K90342)



Clear anodized (0.0004 class II)



Custom Color (Option)

Options

Pricing available on request.

Sidelites and transoms

Grids

Triple glazing

Color tinted and reflective glass

Keyed lock and keyed alike

Double-point locking mechanism

Security bar

Multiple sill options for desired water performance

Multiple reinforcement options for various structural performance needs ranging from LC-PG40 to AW-PG40

Interior and exterior extension

Nailing fin and Stucco flange (2 in 1)

Performance

Testing conducted in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-17 and CSA A440S1-19

Performance Rating	Tested Size	Configuration	Reinforcement Option	Standard Interlocks	Air	Water	510 Pa	Design Pressure
LC-PG40	94 3/4" x 94	OX / XO	Steel Reinforced	Interlocks	A3	(10.6 psf)		±1920 Pa (±40 psf)
LC-PG50	1/8"	OX / XO	Aluminum Stiffener at Interlock / Reinforced Lock		A3	510 Pa (10.6 psf)		±2400 Pa (±50 psf)
LC-PG60	94 3/4" x 94	OX / XO	Stile		A3	psf)		±2880 Pa (±60 psf)
CW-PG60	1/8"	OX / XO	Aluminum Stiffener at Interlock / Reinforced Lock		Pass	510 Pa (10.6 psf)		±2880 Pa (±60 psf)
AW-PG40	94 3/4" x 94	OX / XO	Stile		Pass	psf)		±1920 Pa (±40 psf)
	1/8"		Aluminum Stiffener at Interlock / Reinforced Lock			510 Pa (10.6 psf)		
	94 3/4" x 94		Stile			psf)		
	1/8"					480 Pa (10 psf)		

20-Year Limited Warranty See the detailed warranty on our website.

122" x 95
 1/2"