



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 × 79½ in (1,80 m × 2,01 m) shown in typical window wall installation.



Standard Sizes

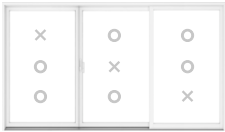
✕ OPENING PANEL ○ FIXED PANEL (EXTERIOR VIEW)

5', 6', 8' WIDTH



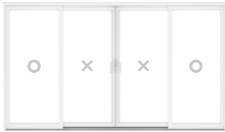
59" × 79 1/2"
58 3/4" × 94 1/4"
71" × 79 1/2"
70 3/4" × 94 1/4"
95" × 79 1/2"
94 3/4" × 94 1/4"
119 1/2" × 119 1/2"

7'6", 9' & 12' WIDTH



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

10', 12' & 16' WIDTH



117 1/2" × 79 1/2"
117" × 94 1/4"
141 1/2" × 79 1/2"
141" × 94 1/4"
189 1/2" × 79 1/2"
189" × 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 + i89
U-value: 0.31, SHGC 0.22

Triple glazed — Low-E: 272 / 272
U-value: 0.30, SHGC 0.27

272 equivalent available: CG 70
366 equivalent available: CG 62/27



Elite Handle

White
Black



Contemporary / View 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
- Grilles
- Color tinted and reflective glass
- Keylock
- Keyed alike
- Double point locking system
- 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	Air	Water	Design Pressure
LC-PG40	94 3/4" × 94 1/8"	OX / XO	Standard Interlocks	A3	510 Pa (10.6 psf)	±1920 Pa (±40 psf)
LC-PG50	94 3/4" × 94 1/8"	OX / XO	Steel Reinforced Interlocks	A3	510 Pa (10.6 psf)	±2400 Pa (±50 psf)
LC-PG60	94 3/4" × 94 1/8"	OX / XO	Aluminum Stiffener at Interlock / Reinforced Lock Stile	A3	510 Pa (10.6 psf)	±2880 Pa (±60 psf)
CW-PG60	94 3/4" × 94 1/8"	OX / XO	Aluminum Stiffener at Interlock / Reinforced Lock Stile	Pass	510 Pa (10.6 psf)	±2880 Pa (±60 psf)
AW-PG40	122" × 95 1/2"	OX / XO	Aluminum Stiffener at Interlock / Reinforced Lock Stile	Pass	480 Pa (10 psf)	±1920 Pa (±40 psf)

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