The Palisades S90 Bi-Folding Door represents the next generation of movable wall systems, offering the most desirable features in aesthetics and performance. A distinctly slim 4-3/4” sightline and 1-7/16” rails reduce visible hardware and produce clean sightlines that maximize views. Door hinges are completely concealed to deliver a high-end and streamlined look.

Compared to similar bi-folding doors in the market, the Palisades S90 provides superior thermal and structural performance using a 3-1/2” system depth. Its distinguishing CW40 Performance Grade rating makes the system ideal for exterior applications where larger sizes, higher loading requirements, limits on deflection, and heavy use are expected.
The Palisades S90 Bi-Folding Door offers exceptional performance without compromising aesthetics and function. As a bottom rolling system, it eliminates strain on the overhead beam.

- Bottom rolling system
- CW40 Performance Grade rating
- 4-3/4” sightline & 1-7/16” rails
- Completely concealed hinges
- Compensating channels & adjustable spacers
- Stainless steel hardware
- (+/-) 1/16” adjustable roller height
- Thermally broken with 1” insulating glass
- 3-1/2” system depth enhances performance
- 5 standard configurations
- Maximum frame height: 12 feet
- Maximum panel width: Up to 48 inches
- Maximum panel weight: 200 lb
- Maximum connected panels: 9 per jamb
- Panels can fold inward or outward
- Flush or raised sill options
- Standard finishes: black bronze anodized, satin anodized, black or white powder coat with 90% gloss. Custom RAL colors available.

Test Results
Refer to Test Report for tested unit size and results.

Air Infiltration
ASTM E-283 and NFRC 400, cfm/ft²
Outward Opening

@ 6.24 psf
(300 Pa): 0.05

Structural Load Deflection
ASTM E-330: pass, L/175 Pass
Outward Opening

Design Pressure
Positive
@ 50 psf
(3350 Pa) 3'x8'

Negative
@ 40 psf
(2160 Pa)

3'x10' testing in progress

Water Penetration
ASTM E-547 and E-331

No uncontrolled water entry @ 10 psf
(440 Pa)

Forced Entry Resistance
In accordance with AAMA-1304

Life Cycle Performance
(testing in progress)

Tested to 250,000 cycles

Thermal Performance
(testing in progress)

Rated, certified and labeled in accordance with NFRC 100 + 200

U-factor with 1” IG,
Low-E, Air Filled: 0.36