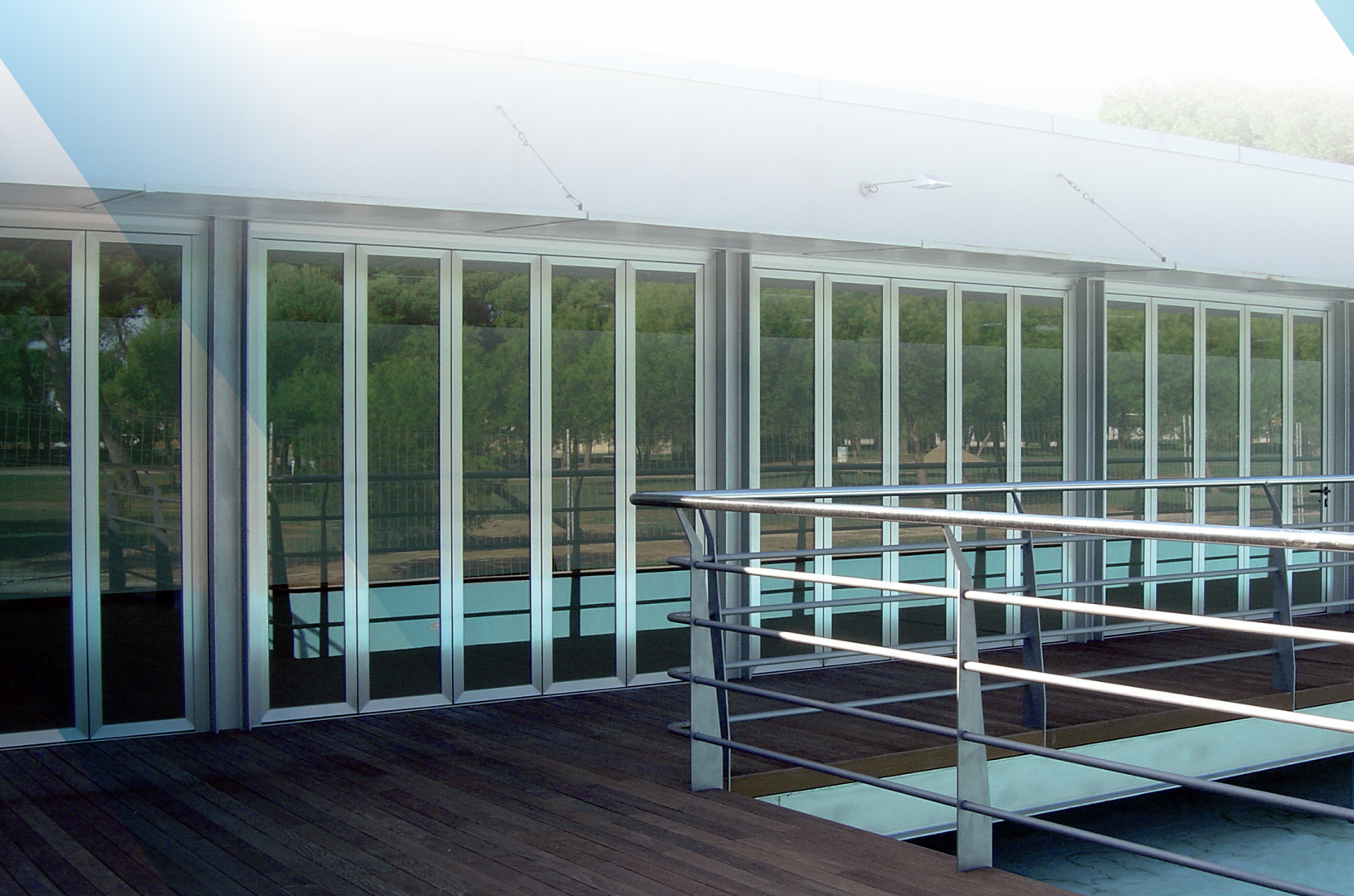




# Monterey™ S80CW

Bi-Folding Door



At the forefront of performance.

The Monterey S80CW Bi-Folding Door creates transformative spaces that seamlessly transition to the outdoors. Its distinguishing CW Performance Class rating makes the system ideal for exterior commercial applications in demanding environments. Make a striking visual statement that offers superior weather and structural performance with the Monterey S80CW Bi-Folding Door.

# CRL | Monterey S80CW Performance

The Monterey S80CW Bi-Folding Door excels in exterior environments where long-term high performance and durability are needed. The system is engineered for commercial buildings where larger sizes, higher loading requirements, limits on deflection, and heavy use are expected.

- Meets CW minimum design pressure of 30 psf
- Meets CW maximum allowable deflection of L/175
- Thermally broken with 1-inch insulating glass
- For low- to mid-rise commercial applications
- Outswing with raised sill only
- Maximum panel width: 36 inches
- Maximum frame height: 10 feet
- Maximum interconnected panels: 9
- Option for floating panels in even sets
- Standard finishes: black bronze anodized, satin anodized, black & white powder coat with 90% gloss
- Custom finishes available in any powder paint color

## Test Results

Refer to Test Report for tested unit size and results.



### Air Infiltration

ASTM E-283, ft<sup>3</sup>/min./ft.  
In accordance with NFRC 400"

@ **1.57** psf (75 Pa):  
**0.05**  
(0.02 exfiltration)



### Structural Load Deflection

ASTM E-330: pass

#### Design Pressure

Positive		Negative
@ <b>30</b> psf (2160 Pa)	<b>3'x10'</b>	@ <b>30</b> psf (1920 Pa)
@ <b>60</b> psf (2160 Pa)	<b>3'x8'</b>	@ <b>60</b> psf (1920 Pa)



### Water Penetration

ASTM E-547 and E-331

No uncontrolled water  
entry @ **4.6** psf  
(360 Pa)



### Forced Entry Resistance

In accordance with AAMA-1304  
ASTM F 842-17: **Grade 20**



### Life Cycle Performance

Tested to  
**250,000** cycles



### Thermal Performance

U-factor with 1" IG,  
Low-E, Air Filled: **0.43**

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