



## Palisades™ S100 Sliding Door



### Minimal Form and Expansive Views

The CRL Palisades S100 Sliding Door features a sophisticated design that makes a visual statement using remarkable simplicity. Ultra-slim 1-5/16" panel rails and stiles create a minimal and uniform frame that produces uninterrupted views, while letting daylight flow freely to enliven interiors. With a maximum panel width of 7 feet and height of 13 feet, the Palisades S100 delivers expansive scale and elegance.

Despite its large sliding panels, the CRL Palisades S100 Sliding Door provides effortless, one-handed operation. Panel loads are evenly distributed across the bottom rolling components resulting in a fluid, frictionless glide. The precision-engineered stainless-steel track further facilitates panel movement.



# CRL | Palisades™ S100 Features & Benefits

## Achieve grand scale and elegance with remarkable simplicity

The CRL Palisades™ S100 Sliding Door features ultra-slim, large scale panels that create expansive views while delivering exceptional structural and thermal performance. Its CW40 Performance Grade rating makes the system well-suited for exterior applications where high loads, limits on deflection, and heavy use are likely. In addition, specialized seals provide superior resistance to air and water infiltration.

- Ultra-slim 1-5/16" rails and stiles
- Bottom rolling system with stainless steel wheels and track
- CW40 Performance Grade rating
- Thermally broken frame with 1" insulating glass
- 4-1/2" system depth enhances performance
- Maximum frame height: 13 feet
- Maximum panel width: 7 feet
- Maximum panel weight: 700 lb
- Multipoint locking mechanism
- Integrated stainless steel flat handle
- 12 standard configurations
- Flush or raised sill
- Standard finishes: black bronze anodized, satin anodized, black or white powder coat with 90% gloss. Custom RAL colors available.
- For exterior and interior applications

## Test Results

Refer to Test Report for tested unit size and results.



### Air Infiltration

ASTM E-283 and NFRC 400, cfm/ft2  
Sliding Door

@ **1.57** psf (75 Pa):  
0.13 cfm/ft2



### Structural Load Deflection

ASTM E-330: pass, L/175 Pass  
Sliding Door

#### Design Pressure

Positive

@ **40** psf  
(2160 Pa)

Negative

@ **40** psf  
(2160 Pa)



5' x 12' panel tested for R20 rating

Refer to windload diagram and structural report



### Water Penetration

ASTM E-547 and E-331

No uncontrolled water  
entry @ **6.06** psf (290 Pa)



### Acoustic Performance

ASTM E-1425

STC Rating: **33-37**  
1" Double IGU

STC 33 achieved with STC 35 glass  
STC 37 achieved with STC 40 glass



### Life Cycle Performance

Tested to  
**40,000** cycles



### Thermal Performance

U-factor with 1" IG,  
Low-E, Air Filled: **0.38**

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



### Forced Entry Resistance

In accordance with  
ASTM F842: Grade 25