

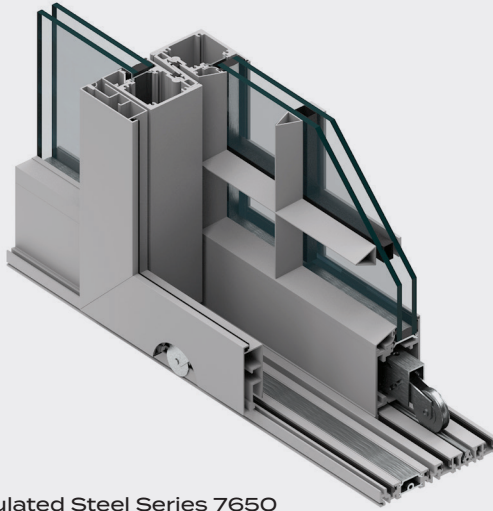


SIMULATED STEEL SERIES 7650 SLIDING GLASS DOOR

PRODUCT DATA SHEET



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Simulated Steel Series 7650 Sliding Glass Door

The Series 7650s Sliding Glass Door features large, energy efficient rolling glass panels that maximize natural daylight and views. Narrow sightlines, beveled glass stops, and coped muntin bars replicate the profiles of steel putty glazed windows used in historic buildings, universities, and commercial projects. The thermally broken aluminum frames feature high-quality anodized or painted finishes. The door can be easily integrated with simulated steel windows to form a consistent aesthetic throughout your project.

Energy Efficiency

- Low-E, argon-filled dual-paned, triple-paned glass
- .31 U-value

Hardware

- 1.81" roller
- Quad-Zilla roller
- 1.5" sill
- 2" sill
- 2.6" sill
- Flush-mounted handle
- Premium handle
- Contemporary handle
- Concealed locking system

Options

The sealed stainless steel ball bearing rollers are AAMA-certified and include a standard 1.81" size. Our optional Quad-Zilla roller is capable of handling extreme panel sizes and heavy glass types. A hidden stainless steel multi-point lock secures the sliding panels. Sill options include a water-barrier sill, featuring a 1.5" interior leg and weep system to keep out water. Taller 2" and 2.6" sills offer increased effectiveness against the elements and a performance rating of DP50. A flush sill option also is available. Handle options include a flush-mounted handle, for a clean aesthetic, and the contemporary handle, with its angular appearance. Each handle has an optional keyed cylinder. An optional heavyduty aluminum frame panel screen provides optimal ventilation.

Finishes and Colors

Finishes are available in-stock or as designer selections, and they can be customized to match nearly any color. Split finishes are available in many combinations. Bronze Anodized and Satin Anodized come standard with a Class 1 coating thickness for increased smoothness and durability. Our designer colors include a high-quality paint finish that conforms to a minimum rating of AAMA-2605, currently the highest rating for organic finishes.

Performance Table

Frame Depth	5 7/8"
AAMA Product Designation (AAMA/WDMA/CSA101/I.S.2/A440 Designation)	LC-PG50-144x120-SD
Test Configuration	144" x 120" OXO
Air Infiltration (Per ASTM E 283)	.15 cfm/sf @1.57 psf
CSA A440 Air	A2
Water Resistance (Per ASTM E 547)	.80 psf
Uniform Load Deflection (Per ASTM E 330)	50 psf
Uniform Load Structural (Per ASTM E 330)	75 psf
Forced Entry Resistance	ASTM F842 Type B Grade 10
U-Factor (Per NFRC 100)*	0.30
CR (Per NFRC 500)*	57
CRF Frame (Per AAMA 1503)	71

Actual values may vary depending on product specifications and configuration.

* Glass Makeup = 1" OA E366/Argon/Clear

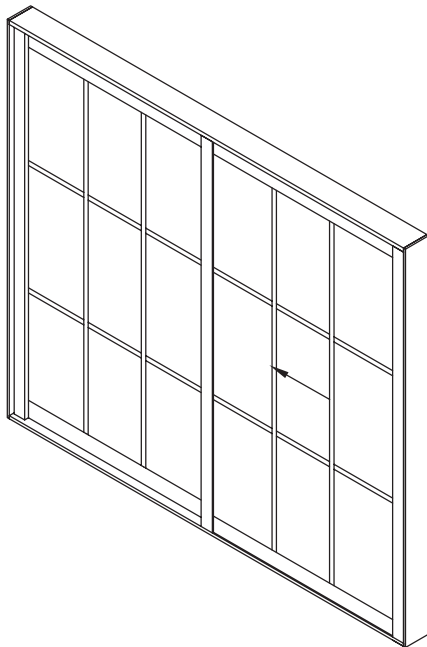


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Simulated Steel Features

- .30 U-value for standard low-E, argon-filled dual-pane glass
- All-climate coated or high-performance glass from Cardinal IG
- Glass can be customized and includes options such as laminated glass, solar- and glare-control glass, enhanced winter performance glass, and low-maintenance glass
- Pre-applied Cardinal Preserve film protects glass during installation
- Performance-rated at DP50
- Available in sizes up to 15 feet in most markets
- 2.9" interlock stile
- Certified by the AAMA
- Quad-Zilla roller for extreme sizes and heavy glass types
- Water barrier and flush sill options
- Premium or flush-mounted handle
- Concealed locking system
- Aluminum frame panel screen
- In-stock, designer, split, and custom finishes
- System automation (third party)
- Title 24 compliant (California)

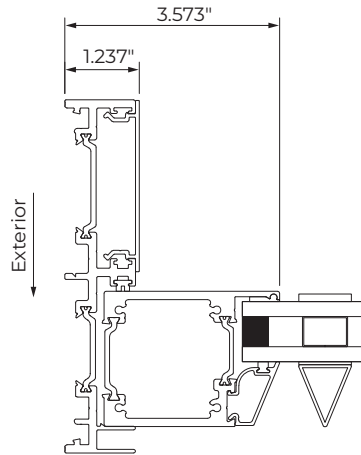


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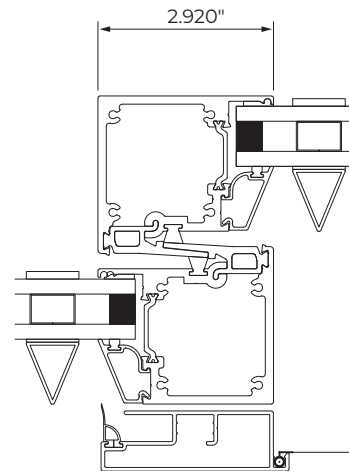
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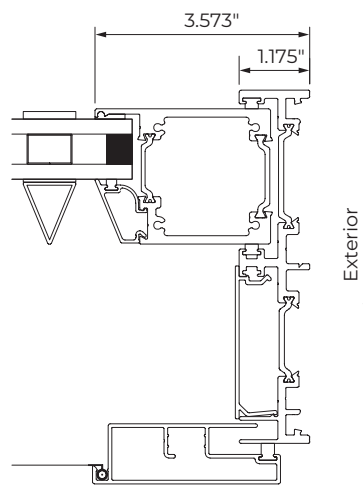
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Fixed Jamb



Interlock (Typical)



Lock Jamb at Active



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