

# Folding Sliding System SF50c



## System information

### Profile System

- Glass folding system with non-insulated aluminum profiles
- Bottom-supported construction with top hung option
- Construction profile depth: 2 3/16" (55 mm)
- Rear-ventilated wooden cladding on interior
- Recessed or surface-mounted floor track (optional)
- Opens to inside or outside
- Opens by sliding to one side or both sides
- Roller track and guide tracks are flush to system faces
- Design allows for simple adjustment to compensate for height differences and expansion

### System Performance (Product Size Tested: 96" w x 96" h Overall Size)

- Air infiltration ASTM E283-04
- Test Pressure +1.57 = Air Leakage Rate (ft<sup>3</sup> /min- ft<sup>2</sup>) = 0.29
- Test Pressure +6.24 = Air Leakage Rate (ft<sup>3</sup> /min- ft<sup>2</sup>) = 0.67
- Uniform static air pressure ASTM E330-02
- DP +/- 60 psf rated and tested in accordance to AAMA/WDMA/CSA 101/I.S.2/A440-05
- Water Infiltration ASTM E331 = 9 psf
- Sound insulation value (Rw or weighted sound reduction) = 36 dB
- Forced Entry ASTM F588, AAMA 1302.5 & 1303.5
- Burglar-proof PA 202 to resistance class 2 (WK2)

### Hardware

- All fittings concealed within profiles
- Low-maintenance, corrosion resistant and failsafe hardware components
- Locking of panels in top and bottom track and/or via mushroom head-lock engaging into the frame or adjacent panel
- Locking and unlocking via actuating levers with anti-intruder catches
- Optional lock types
- Hinges feature pivot pins that cannot be knocked out (anti-intruder feature)
- The pivoting panel can be securely clamped to the adjacent leaf using snap latches

### Carrier Assembly

- Simple adjustment due to a height-adjustable carrier assembly system
- Carrier assemblies are situated above water drainage collection area
- Low-noise, durable, temperature resistant running rollers
- Tracks can be straight, segmented or with any angle between 90° and 180°

**Sealing and Ventilation**

- Rain and wind proofing ensured by EPDM seals at two sealing levels

**Glazing**

- A glazing configuration of 1 1/8" (28 mm) possible
- Glazing can be replaced without difficulty