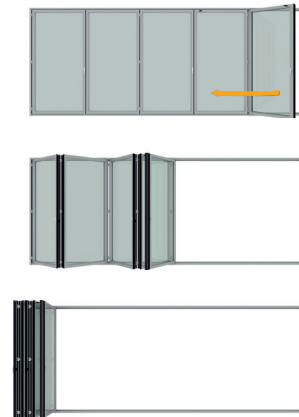


Folding Sliding System SF50i



System information

Profile System

- Glass folding impact rated system with non-insulated aluminum profiles
- Bottom supported construction
- Construction profile depth: 2 3/16" (55 mm)
- Recessed or surface-mounted floor track (optional)
- Opens to inside or outside
- Opens by sliding to one side or both sides
- Carrier 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: 226 1/2" w x 96" h Overall Size / Weathered Sill)

- Air infiltration ASTM E283
- Test Pressure +1.57 = Air Leakage Rate (ft³ /min- ft²) = 0.000/0.00 (Inswing/Outswing)
- Test Pressure +6.24 = Air Leakage Rate (ft³ /min- ft²) = 0.025/0.06 (Inswing/Outswing)
- Uniform static air pressure ASTM E330
- DP +/- 60 psf rated and tested in accordance to AAMA/WDMA/CSA 101/I.S.2/A440-05
- Uniform static test, forced entry test TAS 202
- Water Infiltration ASTM E331 = 12 psf/ 15 psf result (Inswing/Outswing)
- Water Infiltration ASTM E547 (5-1-5-1-5)= 9 psf result (Inswing only)
- Florida product approval #17774.1
- 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 carriers
- 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)
- Glazing can be replaced without difficulty