

series 9500

bi-fold door



specifications

general

- ▶ Available in a 4.5" frame width and a 2.25" x 3.5" door stile
- ▶ Conforms to AAMA/WDMA/CSA/A440 101/I.S.2 R-PG20
- ▶ Conforms to NFRC 100 for U-factor
- ▶ Conforms to NFRC 200 for Solar Heat Gain Coefficient (SHGC) and Visible Transmittance (VT)

material

- ▶ Commercial quality 6063-T5 alloy and temper extruded aluminum
- ▶ Component parts and accessories shall be made of aluminum alloy, plated steel, stainless steel, or nonmetallic materials to resist deterioration and corrosion
- ▶ Thermally broken frames and panels available

construction

- ▶ All frame members are neatly fitted and mechanically joined at the corners with stainless steel screws
- ▶ Door stiles shall be fabricated to achieve an interlock system that engages rails and is secured with a tie rod assembly to ensure a permanent rigid connection at the top and bottom corners of the door panel
- ▶ Glazing shall be secured with extruded aluminum snap-in stops, removable for glazing
- ▶ Window glazing is held in place with extruded aluminum snap-in stops removable for reglazing

finish

- ▶ Extruded aluminum members furnished from stock inventory available in dark bronze anodized and satin anodized
- ▶ Custom colors are available in both painted and anodized finishes
- ▶ Unless otherwise specified, painted finishes on extruded aluminum members shall conform to a minimum of AAMA 2605, Specification for High Performance Organic Coatings on Aluminum Extrusions and Panels
- ▶ Anodized finishes shall be Class 1 on dark bronze and satin anodized

specifications subject to change without notice

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glazing

- ▶ Insulating glass conforms to ASTM E774 specification for sealed insulating glass
- ▶ Units shall have a dual seal of Thermo Plastic Spacer (TPS) and silicone
- ▶ Insulating glass manufactured using 5mm (3/16") thick glass with a minimum air gap of .50"
- ▶ Insulating glass conforms to ASTM Specification C1036, Standard Specification for Flat Glass
- ▶ All glazing in doors shall be fully tempered

hardware

- ▶ Shall be stainless steel at sealed bearing rollers, carriers, and pivots
- ▶ Operable door leaf handle hardware shall be solid brass with several finishes available
- ▶ Active door leaf locking hardware shall be stainless steel
- ▶ Standard cylinder lock with Schlage 5-pin keyway
- ▶ Manual multi-point locking system with shoot bolts locking panels at head and sill
- ▶ Laminated is only recommended for special applications up to 40 square feet

weather stripping

- ▶ Shall be Q-LON at the door jambs, and head and sill track
- ▶ Shall be Q-LON at the panel stiles
- ▶ Shall be wool pile at the top and bottom rails at the panels

screens

- ▶ Insect screens are not available for Bi-Fold doors.

installation

- ▶ Installation shall be in accordance with published instructions by Western Window Systems

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