

Exterior Building Color & Material Samples
Color Drawdowns
Drainage Reports
TIMA
Abbreviated Water & Sewer Need Report
Archaeological Resources
Airport Vicinity Development Checklist
Parking Study
Trip Generation Comparison
Parking Master Plan
Water Study
Wastewater Study
Stormwater Waiver Application



specifications

general

Aluminum Multi-Slide doors shall be Series 600 as manufactured by Western Window Systems, 5621 South 25th Street, Phoenix, Arizona 85040-3628. Medium stile doors can be specified for doors up to 144" in height and shall have a 2.55" wide interlock stile. All Multi-Slide doors shall be custom manufactured to the specific size and configuration for each application. The standard "Water Barrier" threshold provides a .75" (1.5" leg overall) water barrier, and is recommended for exterior applications. With the optional 1.875" water barrier threshold, doors up to 96.00" in height conform to AAMA/NWWDA 101/I.S.2-97 Specification, SGD-R20, CAWM 300-96 "Forced Entry Resistance," NFRC 100-2001 for U-factor and NFRC 200-2001 for Solar Heat Gain Coefficient (SHGC) and Visible Transmittance (VT). The "Flush" threshold traps and diverts water to the exterior, but will not prevent water penetration when a differential pressure exists between the inside and outside of the building. The "Thin-line" threshold imbeds flush with the floor and provides no water protection. Shop drawings shall be prepared for each job and approved by the customer prior to manufacturing. Western reserves the right to change specifications without notice.

material

Aluminum extrusions shall be of commercial quality 6063-T5 alloy and temper. Component parts and accessories shall be of aluminum alloy, plated steel, stainless steel, or nonmetallic materials to resist deterioration and corrosion. Thermally broken frames and panels are available.

construction

All frame and panel members shall be neatly fitted and mechanically joined using plated or stainless steel screws. Panel horizontal members shall be designed to nest with vertical members to eliminate daylight and shine from cut edge. Panel lead stiles and interlock stiles shall be full-hollow (tubular) extrusions. An extended leg on the bottom rail of all operating panels shall penetrate a weather-stripped channel in the threshold to eliminate the possibility of the panels being disengaged from the sill under wind loads. Pocket type doors shall be equipped with post interlock frame members at the interior and exterior of the pocket openings. The post interlock frame members shall be designed with an integral J-channel to receive interior and exterior wall finishes. All glazed panels shall be removable for re-glazing and maintenance.

finish

Extruded aluminum members furnished from stock inventory shall be Dark Bronze anodized. Custom colors are available in both painted and anodized finishes. Unless otherwise specified, painted finishes on extruded aluminum frame and screen 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 I on Dark Bronze and Class II on Satin Anodized.

glazing

Insulating glass shall be DUO-PANE® as manufactured by Western Window Systems, and shall conform to ASTM E774-97 Specification for Sealed Insulating Glass. Units shall have a dual seal of polyisobutylene (PIB) and silicone. Insulating glass shall be manufactured using 5mm (3/16") thick glass up to 40 square feet and 6mm (1/4") thick glass over 40 square feet, both with a minimum air gap of .50". Insulating and single pane glass shall conform to ASTM Specification C1036-01, Standard Specification for Flat Glass. All glazing in doors shall be fully tempered or laminated. Laminated is only recommended for special applications up to 28 square feet.