

Design Series Outswing Patio Door Specifications

- Frame:** Shall be select softwoods treated with water repellent preservative in accordance with WDMA I.S. 4-00. Interior of the frame will be clear pine. Exterior of the frame will be painted extruded aluminum. Brickmould and exterior trims will be painted extruded aluminum. Sill on outswing units is Oak interior threshold. Bronze and champagne anodized sills are optional at no additional charge. Standard frame depth is 4 9/16". 2" jamb extension is available for 6 9/16" frame depth.
- Door Panels:** Shall be select softwoods with Radiata pine or Knotty Alder veneers treated with water repellent preservative in accordance with WDMA I.S. 4-00. Stiles and rails shall be fastened with ribbed hardwood dowels. Engineered cores are constructed of laminated wood components for maximum strength and stability. Stiles are 4-1/2" wide, top rail is 5-1/4" wide, 8" bottom rail.
- Finish:** A clear Pine or Knotty Alder veneer interior, painted aluminum exterior in white, sandstone, earthtone, bronze, ivory, green, black, and cinnamon. Primed interior also available.
- Glazing:** Cardinal® supplies Atrium's Insulated Glass. These shall be 3/4" double pane LoE² insulating glass as standard, a full perimeter bead of silicone, and interior wood stops. A wide array of other glass options is offered including clear, tinted (grey or bronze), obscure, and Neat™.
- Weather-stripping:** Frame weather-stripping on outswing single units shall be a dual-seal weather-strip, while outswing french units shall be single seal weatherstrip, which seals against both the face and the edge of the panel. It shall be installed in the side jambs and head for positive protection against air and water infiltration. The sill weather-stripping is an integrated sweep that weather seals for maximum performance.
- Hardware:** Adjustable hinges are standard. Multipoint locking hardware is included. Handles sets are an option. Hardware finishes are available in brass, white, black, pewter, antique brass, brushed chrome, polished chrome, satin nickel, and oil rubbed bronze. The handleset finish is applied over a solid brass substrate. Cylinders can be keyed alike.
- Screens:** N/A on Outswing units.
- Grilles:** The following are the available grille options.
- Simulated Divided Lite with inner bar (SDL) simulates true divided lite by adhering exterior painted aluminum bars, wood bars on the interior and mill finish innerbar. Bars are available in 7/8" and 1-1/8" widths.
 - Simulated Divided Lite without inner bar (SDL) only has adhered exterior painted aluminum bars and wood bars on the interior (no innerbar). Bars are available in 7/8" and 1-1/8" widths.
 - Perimeter grilles shall be select pine, fastened to interior glazing stops with screws. Perimeter grilles are available in 7/8" or 1 1/8" widths.
 - Inner grilles (bars between glass) are also available in either 3/4" or 5/8" flat, 3/4" or 1" profiled.
 - Two-toned inner grilles in flat or profiled bars are available with a white interior, and exterior matches the exterior of the door.