

**PARTNER DOOR
21A - Aluminum Frame**



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Prehung Universal Swing Door

Building Ideas

DOOR TYPE

- Prehung 4-way universal swing, insulated leaf with aluminum jamb, header and sill.
- Door panel is thermally broken.

DOOR CONSTRUCTION

- 1-3/4" thick door pressure injected polyurethane foam.
- 24 gauge hot dipped galvanized smooth steel panels, painted and baked for a durable and long lasting finish.
- Rollformed panel for style, strength, and corrosion resistance.
- Door edges are 20 mil polyester coated and end-sealed wood for durability and performance.
- Polyurethane foam core for R11 insulation value.

MASTER FRAME CONSTRUCTION

- Frame jamb, header, and sill are fabricated of commercial quality aluminum extrusions 3-1/2" wide with 0.062" minimum wall thickness.
- Frame jamb, header and sill are polyester painted and baked for a durable and long lasting appearance.
- Master frame is shipped completely assembled with hinges and door attached.
- A unique design allows the weather-stripped header parting stop to be snapped in place after the door has been installed to insure a weather tight installation.
- Sill is a low profile design, which complies with the ADA handicap accessible guidelines. It is 3-1/2" deep and 1/2" high.
- Optional slide-on nail fin verticals for ease of installation.

HARDWARE

- Door is mounted to the frame by three, 12 gauge zinc plated steel, 4-1/2" x 4" fixed pin hinges.
- Door edge is pre-drilled for universal handing.
- Door is prepped for lockset with a 2-1/8" diameter stamped face bore at a 2-3/8" backset.
- Door edge is prepped with a 1" edge bore and a pass through mortise.

WEATHERSTRIPPING

- Master frame is weather-stripped with woven polypropylene pile.
- Heavy duty bulb and leaf vinyl bottom sweep packed in carton for installation when the door is handed.

OPTIONAL DOOR LITES

- 22" x 36" Insulated 1-Lite, consisting of 2 pieces of 1/8" tempered glass with 1/2" dead air space.
- 22" x 36" Insulated 9-Lite, consisting of 2 pieces of 1/8" tempered glass with exterior grids.