

SERIES 7100
PREHUNG 4-WAY UNIVERSAL SWING
WALK DOOR



A.J. Manufacturing, Inc.
1217 Oak Street
Bloomer, WI 54724
P: 800-328-9448
715-568-2204
F: 715-568-3099
www.ajdoor.com

Building Ideas

DOOR TYPE

- Prehung 4-way universal swing, insulated smooth steel leaf with thermally broken 16 ga steel jamb and thermally broken aluminum header and sill.

DOOR CONSTRUCTION

- 1-3/4" thick door pressure injected with 2.2 pounds of polyurethane foam per cubic foot.
- 24 gauge hot dipped galvanized smooth steel panels, polyester painted and baked for a durable and long lasting finish.
- Flush design - rolled edges for style, strength, and corrosion resistance.
- High strength internal fiberglass reinforced pultruded stiles and rails for thermal break.
- Exposed surface of stiles coated with color matched paint.
- Polyurethane foam core for an R12 insulation value.

MASTER FRAME CONSTRUCTION

- Frame jamb is fabricated of thermally broken, 16 gauge steel.
- Parting stop is fabricated of commercial quality aluminum extrusions with a 0.050 minimum wall thickness.
- Header and sill are fabricated of commercial quality thermally broken 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.
- Pre-cut closed cell reflective insulation strips are provided to insulate the jamb.
- A unique design allows the weatherstripped 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.

HARDWARE

- Door is mounted to the frame by three, 12 gauge stainless steel, 4-1/2" x 4" fixed pin hinges.
- Door is prepped for lockset by boring a 2-1/8" diameter hole with a 2-3/4" backset and a 1" edge bore.
- Door panel is strengthened with reinforcing blocks at the location for entry lock, deadbolt lock, panic bar and closer.

WEATHERSTRIPPING

- Master frame is weatherstripped with a dual seal bulb and leaf of extruded Santoprene®.
- The sill sweep is a dual durometer vinyl consisting of two flexible wands and a center bulb with a rigid base.

DOOR LITES

Series 7100 door may be ordered with six different types of door lites

1. 22" x 22" Single Glazed Vue Lite, consisting of 1 piece of 1/8" tempered glass.
2. 22" x 22" Insulated Vue Lite, consisting of 2 pieces of 1/8" tempered glass with 1/2" dead air space.
3. 22" x 36" Insulated 1-Lite, consisting of 2 pieces of 1/8" tempered glass with 1/2" dead air space.
4. 22" x 36" Insulated 9-Lite, consisting of 2 pieces of 1/8" tempered glass with a rigid aluminum grid system installed within the 1/2" dead air space.
5. 22" x 36" Insulated Vent Lite, consists of a 3/4" tempered glass unit with one fixed sash, one operating sash and screen.
6. 22" x 64" Insulated Fullview, consisting of 2 pieces of 1/8" tempered glass with 1/2" dead air space.

All door lites are installed in pre-painted color matched extruded aluminum frames, which are foamed in place. A bonding type black bedding glazing tape provides a watertight seal and secures the glass in the opening. Glazing is completed with a snap-in dual durometer glazing bead.