

**Responder Series by AJ  
R51 – Steel Frame**

**Prehung 4-Way Swing Walk Door**



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**Building Ideas**

**DOOR TYPE**

- R51 is a Prehung, insulated panel with steel jamb and aluminum head/sill.

**DOOR CONSTRUCTION**

- 1-3/4" thick door pressure injected polyurethane foam.
- 24 gauge exterior & 28 gauge interior hot dipped galvanized premium smooth steel panels, polyester painted and baked for a durable and long lasting finish.
- Flush design - folded edges for style, strength, and corrosion resistance.
- Polyurethane foam core for an R11 insulation value.

**MASTER FRAME CONSTRUCTION**

- Frame jamb with vertical parting stop is fabricated of 16 gauge steel.
- 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.

**HARDWARE**

- Door is mounted to the frame by three, 12 gauge, 4-1/2" x 4" fixed pin stainless steel 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 a steel C channel at the location for entry lock.

**WEATHERSTRIPPING**

- Master frame is weatherstripped with bulb weatherseal.
- Top and bottom sill sweeps are factory installed and field replaceable.

**OPTIONAL DOOR LITES**

- 22" x 22" Single Glazed Vue Lite, consisting of 1 piece of 1/8" tempered glass.
- 22" x 22" Insulated Vue Lite, consisting of 2 pieces of 1/8" tempered glass with 1/2" dead air space.
- 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 a rigid aluminum grid system installed within the 1/2" dead air space.
- 22" x 64" Insulated Fullview, consisting of 2 pieces of 1/8" tempered glass with 1/2" dead air space