

RUSCO® MANUFACTURING INC. Specifications

INSULATED STEEL ENTRANCE DOORS

DOOR SKINS: 6 PANEL

- A. 18, 20 or 22 gauge cold rolled, zinc-coated primed over entire outer surface.
 - b. 16 or 18 gauge cold rolled, zinc-coated primed flushed skins available.
- Returned facing panels locked into place with rigid vinyl extrusion providing positive thermal break.
- 14 gauge galvanized steel stabilizing member around complete door perimeter.
- Snap-in extruded vinyl edge cap.
- Foamed in place polyurethane bonded to all inside facings with a density of 2.3 to 2.7 lbs/ft²
- R-Factor of 14
- U-rating of slab only is .12
 - U-rating of a non-thermally broken Hollow Metal Frame is .21 which was tested and certified by NCTL for Energy Star.
- 1½ pair 4" x 4" steel hinges 26D fastened to steel stabilizing members with steel screws.
OPTION: 4" x 4 ½" steel hinges available for Hollow Metal Frame
- 3" x 12" wood lock block.

ACCESSORIES

- Completely thermally broken aluminum threshold.
- Adjustable vinyl sill sweeps with extended inner leg to provide tight seal.
- OPTION: ADA Sills

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STEEL REPLACEMENT R-FRAME FOR INSERT TO EXISTING WOOD FRAME

- 16 gauge galvanized primed steel replacement frame.
- 11 gauge steel reinforcing plates at all hinge locations.
- Reinforcing plate at lock and deadbolt locations.
- Door attached to frame with steel screws to provide a steel condition for strength.
- Steel stop with kerf for weather-strip.
- *Please refer to the "Marquis I" drawing for detail.*

HOLLOW METAL REPLACEMENT FRAME

- 16, 18 or 20 gauge galvanized primed steel Hollow Metal Frame.
OPTION: Also available: adjustable Flex Fit Frame or adjustable encapsulating frame.
- Magnetic weather-stripping: Weather-stripping shall be thermal plastic elastomer magnetic weather-strip on head and strike side and compression type on hinge side. Full compression weather-stripping is available.
- 10 gauge steel reinforcing plates at all hinge locations
- Reinforcing plate at lock and deadbolt locations.

FINISH COAT

Door skins are painted with polyester powder paint, electrostatically applied and baked for 20 minutes at 350°F. Paint colors to be selected from manufacturer's standard range.

OPTION: Special orders for architectural requirements.

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WARRANTY

Rusco Steel Insulated Doors are warranted for a period of one (1) year from the date of installation. The warranty shall cover the entire door against defects in design, material and workmanship.

The following exceptions shall apply to said warranty:

1. Normal wear and tear
2. Uniform fading of color
3. Improper maintenance
4. Abuse and carelessness

This warranty is null and void if said door was not factory finished. Doors which are purchased with a prime coat only are not covered by this warranty.