

SECTION 081420
PRE HUNG WOOD DOORS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Hollow core pre-hung wood doors with frames and hinges.

B. Hollow core wood doors without frames for sliding and bi-fold closet doors.

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1.02 REFERENCE STANDARDS

A. ICC A117.1 Accessible and Usable Building and Facilities.

1.03 SUBMITTALS

- A. Product Data: Indicate door and frame materials and construction; type and characteristics.
- B. Shop Drawings: Show doors and frames, elevations, sizes, types, swings, undercuts, beveling, blocking for hardware, factory machining, factory finishing, cutouts for glazing and other details.
- C. Schedule: Provide integrated door, frame, and hardware schedule using door numbers indicated on drawings.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Mark doors with location of installation, door type, color, and weight
- B. .Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact
- C. .Deliver pre-assembled doors and frames with braces, spreaders, and packaging as required to prevent damage
- D. Store materials in original packaging, under cover, protected from exposure to harmful weather conditions and from direct contact with water. Store at temperature and humidity conditions recommended by manufacturer
- E. .Do not use non-vented plastic or canvas shelters
- F. Immediately remove wet wrappers.

- G. Store in position recommended by manufacturer, elevated minimum 4 inches above grade, with minimum 1/4 inch space between doors.

1.05 WARRANTY

- A. Manufacturer Warranty: Provide manufacturer's standard one-year warranty on interior doors.
 - 1. Include coverage for delamination of veneer, warping beyond specified installation tolerances, defective materials, and telegraphing core construction.

PART 2 PRODUCTS

2.01 DOORS AND PANELS

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- A. Doors: See drawings for locations and additional requirements.
 - 1. Pre-hung hollow core doors and sliding/bi-fold hollow core flush wood doors:
 - a. Factory primed for field applied opaque finish.
 - b. Stiles and Rails: Wood. Vertical edges beveled.
 - c. Core: Corrugated Cell.
 - d. Construction: Paint grade wood veneer facings, three ply structural attachment, edge-bonded, 1 3/8-inch total thickness.
 - e. Door Frame: Manufacturer's standard solid wood flat jambs with integral door stop.
 - f. Opaque Finish: Provide doors factory primed prepared for field-applied finish paint per Section 099000 Painting. Prime all six sides.
 - g. Door Hinges: Three per side-hung door, manufacturer's standard 3-1/2 inch, full mortise, 5-knuckle, plain bearing hinges, brushed chrome/nickel finish.
 - h. Other door hardware specified in Section 087100 – Door Hardware. Provide solid blocking for surface mounted hardware.
 - i. Basis of Design: "Flush Door Series Hollow Core Interior Doors" by Masonite Corporation.

2.02 DOOR FABRICATION

- A. Factory machine doors for hardware other than surface-mounted hardware, in accordance with hardware requirements and dimensions.
- B. Factory fit doors in frame opening dimensions identified on shop drawings.

PART 3 EXECUTION

3.01 INSTALLATION

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- A. Priming: Touch-up all damaged factory prime coat prior to field finishing. Lightly sand as needed prior to field finish.
- B. Install doors in accordance with manufacturer's instructions.
- C. Coordinate installation of doors with installation of hardware.
- D. Install doors and wood frames as scheduled on the drawings.

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- E. Install sliding and bi-fold closet doors with hardware specified in Section 087100 and adjust for smooth operation. Ensure door bumpers are in place and aligned to avoid damage to doors/wall finishes.

END OF SECTION

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