

SECTION 08 14 00

WOOD DOORS

1 PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 specification sections apply to Work of this section.

1.2 SECTION INCLUDES

- A. Wood doors and frames, non-rated and fire rated.

1.3 SUBMITTALS

- A. Shop Drawings: Indicate door elevations.
- B. Product Data: Provide data on door construction.

1.4 QUALITY ASSURANCE

- A. Perform work in accordance with the following:
 - 1. NWWDA I.S.1.
 - 2. Fire Door Construction: Conform to NFPA 252, UL 10B.
 - 3. Installed Door Assembly: Conform to NFPA 80 for fire rated class as scheduled.

1.5 WARRANTY

- A. Section 01001 - Basic Requirements: Provide a five year warranty to include coverage:
 - 1. Interior Doors: Five (5) years.
- B. Include coverage for delamination of veneer, warping beyond specified installation tolerances, defective materials, telegraphing core construction.

2 PART 2 PRODUCTS

2.1 DOOR TYPES

- A. Manufacturers:
 - 1. Blount Lumber Co.
 - 2. Brockway Smith Co.
 - 3. Eggers Industries
 - 4. Jeld-Wen Inc.
 - 5. Landquist and Son, Inc.
 - 6. The Maiman Co.
 - 7. Marshfield Door Systems Inc.

8. Millennium Doors.
9. Mohawk Flush Doors Inc.
10. Substitutions: Permitted, subject to compliance with requirements.

- B. Interior Doors: 1-3/4 inch solid core construction; as indicated on Door Schedule; Jeld-Wen "Cambridge", or equal.
- C. Bifold Closet Doors: 3/4" thick solid particleboard core construction, melamine face, continuous piano hinges; Landquist and Son "Magiglide", or equal.

2.2 DOOR CONSTRUCTION

- A. Core (Solid, non-rated): NWWDA I.S.1-A-97, PC-5 or PC-7, Type Solid particle board mat-formed, bonded core.
- B. Core (Solid, Fire-Rated): NWWDA I.S.1-A-97, FD-5 or FD-7, Type Solid mineral core, bonded.

2.3 DOOR FACING

- A. Face Panel: Hardboard, embossed two panel design two sides, smooth, tempered, 1/8 inch (3 mm) thick; ANSI/AHA A-135.4.
- B. Face Panel, Bifold Closet Doors: Thermofused melamine, smooth, both sides.
- C. Adhesive: NWWDA, Type II - water resistant.

2.4 ACCESSORIES

- A. Glass Stops: Wood type: conform to UL requirements.
- B. Bifold Door Accessories:
 1. Pivot: 14 gage cold rolled steel.
 2. Track: 13/16" X 1-1/4" No. 6063T6 extruded aluminum.
 3. Track Guides: Delrin.
 4. Pivot and Guide Pins: 3" removable compensating pins.
 5. Pulls: White nylon coated wire.

2.5 WOOD DOOR FRAMES

- B. Interior Door Frames: Solid core doors: Solid Double Rabbeted jamb wood frames suitable for paint finish with BROSCO 8710 casings both sides. Refer to Door Schedule.
- C. Interior Door Frames, Fire Rated Doors: 18 gage steel frames with hemmed returns, knocked down for field assembly.

2.6 FABRICATION

- A. Fabricate doors with hardware reinforcement blocking in place.
- B. Factory machine doors for finish hardware.
- C. Factory fit doors for frame opening dimensions identified on shop drawings.

2.7 FINISH

- A. Factory finish doors in manufacturer's standard opaque enamel topcoat over hardboard face panel. Submit samples for finish selection.
- B. Seal door top and bottom edge with finish to match door facing.
- C. Color as selected by Architect from manufacturer's complete color line.

3 PART 3 EXECUTION

3.1 INSTALLATION

- A. Install doors and frames in accordance with manufacturer's instructions and NWWDA I.S.1 requirements.
- B. Coordinate installation of doors with installation of metal frames specified in Section 08 11 13 and hardware specified in Section 08 71 00, glass specified in Section 08 80 00.
- C. Adjust door for smooth and balanced door movement.

3.2 INSTALLATION TOLERANCES

- A. Conform to NWWDA requirements for fit and clearance tolerances and maximum diagonal distortion.
- B. Maximum Diagonal Distortion: 1/8 inch measured with straight edge, corner to corner.

...END OF SECTION 08 14 00