

## SECTION 08200 - WOOD DOORS

### PART 1 - GENERAL

#### 1.01 DESCRIPTION

- A. Types: Solid core flush wood doors with veneer faces.
- B. Shop priming of wood doors is included.
- C. Louvers for wood doors (furnished and installed) are included.

#### 1.02 QUALITY ASSURANCE

- A. AWI Quality Standards: Section 1300 "Architectural Flush Doors" of "Architectural Woodwork Quality Standards" published by Architectural Woodwork Institute (AWI).
- B. WDMA I.S. – Window and Door Manufacturers Association.
- C. Fire-Rated Wood Doors: Provide wood doors which match units tested in door and frame assemblies per ASTM E 2074 and UL 10C and which are labeled and listed for ratings indicated by UL, other testing and inspection agency acceptable to authorities having jurisdiction.
- D. Manufacturer: Obtain doors from a single manufacturer unless noted otherwise.
- E. Door Manufacturer's Warranty: Submit door manufacturer's standard, signed by Manufacturer, Installer and Contractor, agreeing to repair or replace defective doors.
  - 1. Solid Core Flush Interior Doors: Life of installation.

### PART II - PRODUCTS

#### 2.01 MANUFACTURERS

- A. Subject to compliance with requirements, provide products of one of the following:
  - 1. Algoma Hardwoods, Inc.
  - 2. Eggers Industries
  - 3. Graham® Wood Doors
  - 4. Oshkosh Architectural Door Company
  - 5. Marshfield Doorsystems, Inc. (formerly Weyerhaeuser Company)
  - 6. Mohawk Flush Doors, Inc.

#### 2.02 INTERIOR FLUSH WOOD DOORS

- A. Solid Core Doors for Opaque Finish: Comply with the following requirements:
  - 1. Faces: Any closed-grain standard thickness hardwood of mill option or medium density overlay (MDO)

2. Grade: Custom.
  3. Construction: SLC-5 (Glued block core, 5-ply), edge bands glued to core, SCLC-5 (Structural Composite Lumber Core, 5-ply) or particleboard core (PC-5, 1-LD-2 grade), all edges glued to core. Provide 1-3/8 wide solid wood stiles at top, bottom and center and solid wood lock block.
  4. Thickness 1  $\frac{3}{4}$  inches.
- B. Fire -Rated Solid Core Doors: Comply with the following requirements.
1. Faces and AWI Grade: Match non-rated doors in same area of building, unless otherwise indicated.
  2. Construction: Manufacturer's standard core construction as required to provide fire-resistance rating indicated.

2.03 LOUVERS AND LIGHT FRAMES:

- A. Louvers: Door manufacturer's standard metal louvers, of size indicated, formed of 18 gage cold-rolled steel, factory primed for finish painting.
- B. Frames for Light Openings in Fire Doors: Manufacturer's standard frame formed of 18-gage cold-rolled steel, factory-primed, and approved for use in door of fire rating indicated.

2.04 FABRICATION

- A. Openings: Cut and trim openings through doors and panels as shown. Comply with applicable requirements of referenced standards for kind(s) of doors required.
  1. Light Openings: Factory cut openings. Provide 18-gage cold rolled metal frames. At all pharmacy doors, the removable stops shall be placed on the pharmacy side of door. Non-removable stops shall be placed at opposite side of pharmacy door. Fire rated doors with light openings shall have UL listed wire glass.
  2. Louvers: Factory install louvers in prepared openings.

2.05 SHOP-PRIMING:

- A. Before delivery of doors shop-prime as follows:
  1. Paint Finish: Prime with one coat of wood primer; interior enamel under coat (FS-TT-E-543).
  2. Moore's alkyd enamel under body.

2.06 PREFITTING AND PREPARATION FOR HARDWARE  
(contractor's option)

- A. Prefit and pre machine wood doors at factory.

PART III -EXECUTION

3.01 INSTALLATION

- A. Condition doors to average prevailing humidity in installation area prior to hanging. Seal cut surface after fitting and machining.
- B. Fitting Clearances: For non-rated doors provide clearances of 1/8" at jambs and heads; and 1/8" from bottom of door to top of decorative floor finish or covering. Where threshold is shown or scheduled, provide 1/4" clearance from bottom of door to top of threshold.

For fire-rated doors, provide clearances complying with NFPA 80.

Bevel non-rated doors 1/8" in 2" at lock and hinge edges.

Bevel fire-rated doors 1/8" in 2" in lock edge; trim stile rails only to extent permitted by labeling agency.

3.02 OPERATION

- A. Rehang or replace doors, which do not swing or operate freely, as directed by Architect.

END OF SECTION

