

SECTION 08200 - WOOD DOORS

PART I - GENERAL

1.01 DESCRIPTION

- A. Types: 1. 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 IS 1A – 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. Graham® Wood Doors
  - 3. Eggers Industries
  - 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 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 18 ga. metal louvers, of size indicated, formed of 18 gage cold-rolled steel, factory primed for finish painting.

B. Frames for Light Openings in All Wood 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. Trim openings for all doors with metal frame and moldings. 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:

Paint Finish: Prime with one coat of wood primer; interior enamel under coat (FS-TT-E-543).

Moore's alkyd enamel under body.

#### 2.06 PREFITTING AND PREPARATION FOR HARDWARE (contractors option)

A. Prefit and premachine 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

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

END OF SECTION

