

SECTION 08211

WOOD DOORS

PART 1 - DESIGN DIRECTIVES

1.1 PROJECT INCLUDES

- A. Flush Wood Doors:
  - 1. Exterior solid core flush doors.
  - 2. Interior solid core flush doors.
  - 3. Fiberglass doors should be considered in areas of high moisture or corrosive environments.

1.2 QUALITY ASSURANCE

- A. Quality Standards: NWWDA I.S. 1, and AWI Architectural Quality Standards.
- B. Quality Standards: NWWDA I.S. 1, and WIC Manual of Millwork.
- C. Fire Rated Wood Doors: Meeting ASTM E 152 requirements.

1.3 DESIGN CRITERIA

- A. All doors will be reviewed with FOM and FPO at a design review meeting that only addresses the door schedule.
- B. All corridor and stairway doors shall be equipped with vision panels. All other doors shall be reviewed with user group for vision panel needs.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Exterior Doors:
  - 1. Grade: Premium
  - 2. Construction:
    - a. Laminated door construction will not be allowed.
  - 3. Minimum door thickness is 1-3/4"; 1-11/16" doors are not acceptable.
- B. Interior Doors:
  - 1. Grade: Custom or better
  - 2. Construction:
    - a. Five ply construction.
    - b. Particle board core doors are not acceptable.
  - 3. Minimum door thickness is 1-3/4"; 1-11/16" doors are not acceptable.

- C. Style and rail construction:
  - 1. Minimum stile width:
    - a. Interior doors - 4-1/2".
    - b. Exterior doors - 5-1/2".
  - 2. Minimum bottom rail height:
    - a. Interior doors - 9".
    - b. Exterior doors - 11".

**PART 3 - EXECUTION**

**3.1 STORAGE**

- A. Store doors flat on level surface in a clean, dry, and well ventilated area protected from sunlight.
- B. Doors shall not be subjected to extremes of heat and humidity. Relative humidity shall be 25% - 55%.

**3.2 INSTALLATION**

- A. Doors must adjust to building heat and humidity prior to hanging.
- B. Exterior doors shall be sealed, including edges, immediately after machining. It is the responsibility of the door installation contractor to coordinate and insure the completion of this requirement.

**3.3 OWNER INSPECTION**

- A. The installation of the first 6 door framed shall be inspected for rigidity, square, and plumb and approved by FOM representatives prior to proceeding with the balance of the project.
- B. The installation of the first 6 doors shall be reviewed and approved by a representative of FOM before proceeding with the balance of the project.

END OF SECTION 08211