

SECTION 081416

WOOD DOORS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Wood doors; fire rated and non-rated.

1.2 SUBMITTALS

- A. Shop Drawings: Indicate door elevations and cutouts for hardware and channel edge protectors.

1.3 QUALITY ASSURANCE

- A. Perform work in accordance with the following:
 - 1. ANSI/NWWDA I.S.1.
 - 2. Fire Door Construction: Conform to ASTM E152.
 - 3. Installed Door Assembly: Conform to NFPA 80 for 45-minute fire rating as indicated on the Door Schedule.
- B. Certification: All wood doors shall be delivered to the site bearing the certification label to ANSI/NWWDA I.S.1 Standards.

1.4 WARRANTY

- A. Provide warranty under provisions of Section 010001 to the following term:
 - 1. Interior Doors: Two (2) years.
- B. Include coverage for delamination of veneer, warping beyond specified installation tolerances, defective materials, and telegraphing core construction.

PART 2 PRODUCTS

2.1 WOOD DOORS

- A. Manufacturers
 - 1. Mohawk Door Co., Inc.
 - 2. Fenestra Corporation
 - 3. Doorcraft Doors by Jeld-Wen

2.2 DOOR TYPES

- A. Interior Doors: 1-3/8 inches thick; Hollow Core
- B. Interior Doors: 1-3/8 inches thick Solid Core; Non-Rated

2.3 DOOR CONSTRUCTION

- A. Core
 - 1. Hollow Core: Honey comb Hollow Cellular Paper Core (NWWDA I.S.1)
 - 2. Solid Core: Non-Rated Profiled Particle Board Core
- B. Face
 - 1. Two (2) Panel embossed hardboard Craftmaster Carrara Style – Smooth Finish

2.4 FABRICATION

- A. Fabricate non-rated doors in accordance with ANSI/NWWDA I.S.1 requirements.
- B. Fabricate fire rated doors in accordance with ANSI/NWWDA I.S.1 and to Warnock-Hersey requirements. Attach fire-rating label to door edge.
- C. Fabricate doors with hardware reinforcement blocking in place.
- D. Factory machine doors for finish hardware.
- E. Doors to be pre-finished.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install doors in accordance with manufacturer's instructions/NWWDA I.S.1 requirements.
- B. Coordinate installation of doors with installation of frames specified in Section 081113 and hardware specified in Section 087100.
- C. Adjust door for smooth and balanced door movement.

3.2 INSTALLATION TOLERANCES

- A. Conform to ANSI/NWWDA requirements for fit and clearance tolerances and maximum diagonal distortion.

3.3 SCHEDULE - See Door Schedule.

END OF SECTION