

## MOLDED INTERIOR DOORS

## PART 1 GENERAL

## 2.01

## SECTION INCLUDES

- A. Wide Stile Commercial Doors
- B. Passage Doors

## 2.02 REFERENCES

- A. American National Standards Institute (ANSI)
  - 1. ANSI Z97.1: Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test
- B. National Fire Protection Association (NFPA)
  - 1. NFPA 252: Standard Methods of Fire Tests of Door Assemblies.
- C. Underwriters Laboratories, Inc. (UL)
  - 1. UL10B: Standard for Fire Tests of Door Assemblies (Note: Neutral pressure testing standard)
  - 2. UL 10C: Standard for Positive Pressure Fire Tests of Door Assemblies.

## 2.03 DESIGN REQUIREMENTS

- A. Fire-Rated Door Assemblies: Fire door assemblies shall meet or exceed fire-protection ratings indicated when tested in accordance with NFPA 252 and UL 10B

## 2.04 SUBMITTALS

- A. Refer to Section 013300 - Submittals.
- B. Product Data: Submit door manufacturer current product literature, including installation instruction.
- C. Quality Assurance Submittals
  - 1. Manufacturer Instructions: Provide manufacturer's written installation instructions.
- D. Closeout Submittals
  - 1. Refer to Section 017800 - CLOSEOUT SUBMITTALS.

## 2.05 DELIVERY, STORAGE AND HANDLING

- A. Refer to Section 016100 - BASIC PRODUCT REQUIREMENTS..
- B. Deliver doors, materials and components in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Store doors as recommended by manufacturer.

## 2.06 WARRANTY

- A. Manufacturer standard warranty indicating that the door will be free from material and workmanship defects from the date of substantial completion for the time periods indicated below:
  - 1. Door Unit: 5 years

## PART 2 PRODUCTS

### 3.01 MANUFACTURER

- A. JELD-WEN® Interior Doors; 3305 Lakeport Blvd; Klamath Falls, OR 97601, USA; Phone 877.535.3462, fax 541.882.3455; website [www.jeld-wen.com](http://www.jeld-wen.com) or approved equal.

### 3.02 MOLDED INTERIOR DOORS

- A. Basis of Design: Doors are based on JELD-WEN®'s Molded Interior Doors; As selected by the architect.
- B. WIDE STILE COMMERCIAL DOORS
  - 1. Door Style:
    - a. Door Shape: Squared Top
    - b. Surface Finish: Smooth
    - c. Panels and Sticking Profile: Two panels, with ovolo sticking.
  - 2. Core
    - a. Wide stile solid core door
      - 1) Thickness: 1-3/4 inch.
    - b. Solid mineral core door
      - 1) Thickness: 1-3/4 inch with up to 45-minute fire rating.
  - 3. Door Finish:
    - a. Preprimed.
- C. PASSAGE DOORS
  - 1. Door Type: Panel.
  - 2. Door Shape: Squared Top.
  - 3. Door Style: As Selected by the Architect
    - a. Surface Finish: Smooth
      - 1) Panels and Sticking Profile:
        - (a) Two panels, with ovolo sticking.
  - 4. Core:
    - a. Solid core all-wood
      - 1) Thickness: 1-3/4 inch.
  - 5. Hardware
    - a. See Section 087100 for information on Hardware.
    - b. Finish: As selected by the Architect.
  - 6. Finish: Preprimed

## PART 3 EXECUTION

### 4.01 GENERAL

- A. Install doors in accordance with manufacturer's installation guidelines and recommendations.

**4.02 EXAMINATION**

- A. Inspect door prior to installation.
- B. Inspect rough opening for compliance with door manufacturer recommendations. Verify rough opening conditions are within recommended tolerances.

**4.03 PREPARATION**

- A. Prepare door for installation in accordance with manufacturer's recommendations.
- B. Trim bottom of jamb sides to achieve desired distance between door bottom and finished floor height.

**4.04 PASSAGE DOOR INSTALLATION**

- A. Place door unit into opening and level hinge side of jamb. Use shims fastened through jamb and stop to level and temporarily secure in place.
- B. Level latch side of jamb. Use shims fastened through jamb and stop to level and temporarily secure in place.
- C. Verify spacing between jamb and door is uniform on all sides. Adjust as necessary.
- D. Shim top of jamb in center of opening and fasten with nail.
- E. Re-check for square, level and even spacing around door. Nail securely in place through stop, jamb, shims and into studs every 12 inches.
- F. Set nails.
- G. Install trim on both sides using nails every 12 to 16 inches. Wood trim shall be as detailed on the contract documents.

**END OF SECTION**