

## **INTERIOR WOOD DOORS**

### **PART 1 - GENERAL**

#### **1.1 SUMMARY**

- A. Section Includes:
  - 1. Interior flush wood doors // White Vinyl // finish.
    - a. Fire rated doors for 1 hour
    - b. Smoke rated doors.

#### **1.2 RELATED REQUIREMENTS**

- A. Paints and Coatings and Composite Wood and Agrifiber VOC Limits:

#### **1.3 APPLICABLE PUBLICATIONS**

- A. Comply with references to extent specified in this section.
- B. American National Standards Institute/Window and Door Manufacturers Association (ANSI/WDMA):
  - 1. I.S. 1A-13 - Architectural Wood Flush Doors.
- C. ASTM International (ASTM):
  - 1. E90-09 - Laboratory Measurements of Airborne Sound Transmission Loss of Building Partitions and Elements.
- D. National Fire Protection Association (NFPA):
  - 1. 80-16 - Fire Doors and Other Opening Protectives.
  - 2. 252-12 - Fire Tests of Door Assemblies.
- E. Window and Door Manufacturers Association (WDMA):
  - 1. TM 7-14 - Cycle-Slam Test.
  - 2. TM 8-14 - Hinge Loading Test.
  - 3. TM 10-14 - Screw Holding Capacity.

#### **1.4 SUBMITTALS**

- A. Submittal Procedures: All submittals will be delivered 10 day prior to start of project
- B. Submittal Drawings:
  - 1. Show size, configuration, and fabrication and installation details.
  - 2. Include details of // glazing //.
  - 3. Indicate project specific requirements not included in Manufacturer's Literature and Data submittal.
- C. Manufacturer's Literature and Data:
  - 1. Description of each product.
  - 2. // Fire rated doors showing conformance with NFPA 80 //.
- D. Samples:

## **GLASS FOR CANTEEN MANAGER'S DOOR GLAZING**

### **PART 1 - GENERAL**

#### **1.1 DESCRIPTION:**

1. Glass.

#### **1.2 RELATED WORK:**

- A. Factory glazed by manufacturer in following units:

1. Sound resistant doors.

#### **1.3 LABELS:**

- A. Permanent labels:

2. Label in accordance with ANSI Z97.1 and SGCC label requirements.

- a. Tempered glass.

4. Fire rated glazing assemblies: Mark in accordance with IBC.

#### **1.4 PERFORMANCE REQUIREMENTS:**

- A. General: Design glazing system consistent with guidance and practices presented in the GANA Glazing Manual, GANA Laminated Glazing Manual, and GANA Sealant Manual, as applicable to project. Installed glazing is to withstand applied loads, thermal stresses, thermal movements, building movements, permitted tolerances, and combinations of these conditions without failure, including loss or glass breakage attributable to defective manufacture, fabrication, or installation; failure of sealants or gaskets to remain watertight and airtight; deterioration of glazing materials; unsafe engagement of the framing system; deflections beyond specified limits; or other defects in construction.

#### **1.5 SUBMITTALS:**

- A. 10 days pror to start of project.

- C. Manufacturer's Certificates:

1. Certificate stating that fire-protection and fire-resistive glazing units meet code requirements for fire-resistance-rated assembly and applicable safety glazing requirements.

6. Electrochromic Glazing Certificates:

- b. Documentation indicating compliance with ASTM E2141, Chromogenic fenestration standard as verified by third party test laboratory such as National Renewable Energy Laboratory (NREL) or equivalent.