

SECTION 08212 – INTERIOR MOULDED DOORS AND FRAMES**PART 1. - GENERAL****A. RELATED DOCUMENTS:**

1. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division-1 Specification sections, apply to of this section.

B. SUMMARY:

1. Refer to Section 09900 "Painting" for field finishing requirements affecting the work of this Section.
2. Types of doors required include:
 - a. Hollow core moulded wood doors prehung on wood frames with manufacturer's installed hardware.

C. SUBMITTALS

1. Label Construction Certification: For door assemblies required to be fire-rated and exceeding limitations of labeled assemblies, submit manufacturer's certification that each door and frame assembly has been constructed to conform to design, materials and construction equivalent to requirements for labeled construction.

D. QUALITY ASSURANCE:

1. Quality Standards: Comply with the following standards:
2. NWWDA Quality Standard: I.S.1 "Industry Standard for Wood Flush Doors", of National Wood Window and Door Association (NWWDA).
3. NWWDA Quality Marking: Mark each wood door with NWWDA Wood Flush Door Certification Hallmark certifying compliance with applicable requirements of NWWDA I.S. 1 Series.
4. For manufacturers not participating in NWWDA Hallmark Program, a certification of compliance may be substituted for marking of individual doors.
5. Manufacturer: Obtain doors from a single manufacturer.

E. PRODUCT DELIVERY, STORAGE, AND HANDLING:

1. Protect doors during transit, storage and handling to prevent damage, soiling and deterioration. Comply with requirements of referenced standards and recommendations of NWWDA pamphlet "How to Store, Handle, Finish, Install, and Maintain Wood Doors", as well as with manufacturer's instructions.

F. PROJECT CONDITIONS:

1. Conditioning: Do not deliver or install doors until conditions for temperature and relative humidity have been stabilized and will be maintained in storage and installation areas during remainder of construction period to comply with the following requirements applicable to project's geographical location:

G. WARRANTY:

1. Door Manufacturer's Warranty: Submit written agreement on door manufacturer's standard form signed by Manufacturer, Installer and Contractor, agreeing to repair or replace defective doors which have warped (bow, cup or twist) or that show telegraphing of core construction in face veneers, or do not conform to tolerance limitations of referenced quality standards.
2. Warranty shall be in effect for 2 years after substantial completion and also include reinstallation that may be required due to repair or replacement of defective doors where defect was not apparent prior to hanging.

3. Contractor's Responsibilities: Replace or refinish doors where Contractor's work contributed to rejection or to voiding of manufacturer's warranty.

PART 2. - PRODUCTS

A. MANUFACTURERS:

1. Available Distributors: Subject to compliance with requirements, distributors offering door which may be incorporated in the work include, but are not limited to, the following:
 - a. Moulded wood doors, frames and hardware:
 - (1) BROSCO.
 - (2) Rivco
 - (3) Mohawk
2. The designs are based on products supplied by BROSCO for the establishment of design intent only.
 - a. INTERIOR MOULDED DOORS:
 - (1) Hollow core doors for paint finish:
 - (a) Brosco Windsor Smooth #550, 1-3/8" thick six panel non textured
 - b. FRAMES:
 - (1) Manufacturer's standard wood, flat board frame, veneered for painted finish in residential construction. Frames shall have applied stops.

B. FABRICATION:

1. Fabricate moulded wood doors to produce doors complying with following requirements:
 - a. Where interior wood doors do not come pre-hung, wood frames shall be materials specified in section 06200, page 2, paragraph "C. Interior Trim". Installation of frames shall be in accordance with AWI Custom Grade. In sizes indicated, pre-hung where available.
 - b. Factory-prefit and premachine doors to fit frame opening sizes indicated with the following uniform clearances and bevels:

PART 3. - EXECUTION

A. EXAMINATION:

1. Examine openings prior to installing doors and frames. Verify that frames comply with indicated requirements for type, size, location, and swing characteristics. Install frames with plumb jambs and level heads. Reject doors with defects.
2. Do not proceed with installation until unsatisfactory conditions have been corrected.

B. INSTALLATION:

1. Manufacturer's Instructions: Install wood doors, frame and hardware to comply with manufacturer's instructions and of referenced AWI standard and as indicated.
2. Fitting Clearances for Doors: Provide 1/8" at jambs and heads; 1/8" from bottom of door to top of decorative floor finish or covering.

C. ADJUSTING AND PROTECTION:

1. Operation: Rehang or replace doors that do not swing or operate freely.
2. Finished Doors: Refinish or replace doors damaged during installation.
3. Protect doors as recommended by door manufacturer to assure that wood doors will be without damage or deterioration at time of Subsequent Completion.

END OF SECTION 08211