

SECTION 08 14 16 - FLUSH WOOD DOORS

PART 1 - GENERAL

1.1 SYSTEM REQUIREMENTS

- A. Design Requirements:
 - 1. Provide solid-core doors only; hollow-core not permitted.
 - 2. Flush wood doors permitted for interior use only; exterior wood doors are not permitted.
 - 3. In new construction use close-grained wood veneer; in existing buildings match existing doors.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products from one of the following:
 - 1. Algoma Hardwoods, Inc.
 - 2. VT Industries, Inc / Eggers Industries.
 - 3. Marshfield Door Systems, Inc.
 - 4. Oshkosh Architectural Door Company.

2.2 MATERIALS, GENERAL

2.3 DOOR CONSTRUCTION, GENERAL

- A. Quality Standard: WDMA I.S.1-A.
- B. WDMA I.S.1-A Performance Grade:
 - 1. Heavy Duty unless otherwise indicated.
 - 2. Extra Heavy Duty: Classrooms, public toilets, janitor's closets, assembly spaces, and exits.

2.4 VENEER-FACED DOORS FOR TRANSPARENT FINISH

- A. Interior Solid-Core Doors:
 - 1. Grade: Premium, with Grade A faces.
 - 2. Species: Close-grained.
 - 3. Cut: Plain sliced (flat sliced) or quarter sliced.
 - 4. Assembly of Veneer Leaves on Door Faces: Center-balance match.
 - 5. Core: Particleboard.
 - 6. Rails and Stiles: LSL, adhered to core.
 - 7. Construction: Five or seven plies, bonded.
 - 8. Edge Band: With matching veneers.

2.5 DOORS FOR OPAQUE FINISH

- A. Interior Solid-Core Doors:
 - 1. Grade: Premium.
 - 2. Faces: Medium-density overlay.
 - 3. Core: Particleboard.
 - 4. Construction: Five or seven plies, bonded.

2.6 PRIMING/FINISHING

- A. Shop Priming:
 - 1. Doors for Opaque Finish: One coat of wood primer.
- B. Factory Finishing: Doors indicated to receive transparent finish.
- C. Transparent Factory Finishes:
 - 1. Grade: Premium.
 - 2. Finish: Catalyzed polyurethane.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Seal top, bottom, and edges of doors immediately after fitting.
- B. Through-bolt (barrel bolts) door closers and exit devices.

PART 4 – CHANGES

- 4.1 Updated 2.A, 1, 2 to include VT Industries, Inc. (1/1/2020)

END OF SECTION 08 14 16