

Openings

Flush Wood Doors (08 14 16)

For questions regarding this section contact: Physical Plant
Mike Vadney, mvadney@albany.edu

Part 1 – General

Section Includes:

- Solid-core doors and transom panels with wood-veneer faces.
- Factory finishing flush wood doors.
- Factory fitting flush wood doors to frames and factory machining for hardware.

Part 2 – Product

Manufacturers: Subject to compliance with requirements, available manufacturers offering that may be incorporated into the work include, but are not limited to, the following:

- Algoma Hardwoods, Inc.
- Eggers Industries
- Marshfield Door Systems, Inc.
- Mohawk Flush Doors, Inc.; A Masonite Company
- Oshkosh Architectural Door Company
- VT Industries Inc.

Door Construction General:

- Low-Emitting Materials: Provide doors made with adhesives and composite wood products that do not contain urea formaldehyde
- WDMA I.S.1-A Performance Grade: Extra Heavy Duty
- Provide doors with structural-composite-lumber cores instead of particleboard cores for doors indicated to receive exit devices
- Structural-Composite-Lumber-Core Doors
- Structural Composite Lumber: WDMA I.S.10
- Screw Withdrawal, Face: 700 lbf (3100 N)
- Screw Withdrawal, Edge: 400 lbf (1780 N)

Veneered Faced Doors for Transparent Finish Interior Solid-Core Doors:

- Grade: Custom (Grade A faces)
- Species: Job Specific
- Cut: Plain sliced (flat sliced)
- Match between Veneer Leaves: Slip match
- Assembly of Veneer Leaves on Door Faces: Balance match
- Pair and Set Match: Provide for doors hung in same opening or separated only by mullions
- Exposed Vertical and Top Edges: Same species as faces Applied wood edges of same species as faces and covering edges of cross bands
- Core: Particleboard or Structural composite lumber
- Construction: Five plies. Stiles and rails are bonded to core, and then entire unit abrasive planed before veneering. Faces are bonded to core using a hot press.
- WDMA I.S.1-A Performance Grade: Extra Heavy Duty