
1 GENERAL

1.1 General Requirements

- .1 All requirements of the Contract apply to and govern all work of this Section.
- .2 Comply with the requirements of Division 1.

1.2 Related Work Specified in Other Sections

- .1 Submittal Procedures Section 01 33 00
- .2 Door Hardware Section 08 71 00
- .3 Interior Painting Section 09 91 23

1.3 Standards Referred to in this Section

- .1 Architectural Woodwork Manufacturers Association of Canada (AWMAC)
 - .1 Architectural Woodwork Standards, 2014.
- .2 Canadian Standards Association (CSA International).
 - .1 CAN/CSA O132.2 Series-90(R1998), Wood Flush Doors.

1.4 Quality Assurance and Extended Guarantees

- .1 At no cost to the Departmental Representative, remedy any defects in the Work, including work of this and other sections, due to defects in doors provided under this section appearing within a period of three (3) years from the date of final inspection. Provide a written warranty to this effect.
 - .1 maximum warp or twist: 3 mm measured diagonally
 - .2 telegraphing of stile or rails

1.5 Specific Handling and Transportation Requirements

- .1 No specific requirements.

1.6 Submittals

- .1 Shop drawings :
 - .1 Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures.
 - .2 Indicate door types, sizes, core construction.
- .2 Samples : Not required.

1.7 Closeout Submittals

- .1 Maintenance Data and Materials
 - .1 Provide maintenance data for cleaning wood doors for incorporation into manual specified in Section 01 78 00 - Closeout Submittals.

1.8 Specific Environmental Requirements

- .1 No specific requirements.

1.9 Specific Protection Requirements

- .1 Protect doors from dampness. Arrange for delivery after work causing abnormal humidity has been completed.
- .2 Store doors in well ventilated room, off floor, flat, with 19 mm blocking between each door and in accordance with manufacturer's recommendations.
- .3 Protect doors from scratches, handling marks and other damage. Crate doors to withstand handling stresses in transportation without glass breakage.

2 PRODUCTS

2.1 Wood Flush Doors

- .1 Construction:
 - .1 To CAN/CSA-O132.2.1 modified as indicated.
 - .2 Particleboard core: solid wood stile and rail frame bonded to solid particleboard core with wood lock blocks. Stile and rail minimum 115mm wide. 7-ply construction. Frame minimum 50mm wide.
 - .3 Particleboard core of wood chips bonded with resin. Density 448 kg/m³ minimum with AWMAC type 2 wood edge.
- .2 Face Panels: Maple species, AWMAC premium grade (no heartwood), rotary cut, book matched for clear finish.
- .3 Adhesive: Type II (water resistant) for interior doors.
- .4 Core Sealer: Clear, water resistant synthetic resin sealer.
- .5 Door thickness : 45 mm.

2.2 Fabrication

- .1 Vertical edge strips to match face veneer.
- .2 Bevel vertical edges of single acting doors 3 mm in 50 mm on lock side and 1.5 mm in 50 mm on hinge side.

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- .3 Seal core at openings and cutouts.

3 EXECUTION

3.1 Installation

- .1 Unwrap doors and seal faces of doors and all edges in accordance with CAN/CSA-O132.2 Series, Appendix A.
- .2 Install doors and hardware in accordance with manufacturer's printed instructions, and templates supplied by Section 08 71 00 - Door Hardware.
- .3 Adjust hardware for correct function.

3.2 Adjustment

- .1 Re-adjust doors and hardware just prior to completion of building to function freely and properly.

3.3 Cleaning

- .1 Perform cleaning as soon as possible after installation to remove construction and accumulated environmental dirt.
- .2 Remove traces of primer, caulking; clean doors and frames.
- .3 On completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

END OF SECTION