

**PART I – GENERAL****WORK SPECIFIED HEREIN**

All labor, material, equipment and services necessary to furnish the wood doors and related items as indicated or specified. **This is a Required Vendor.**

**SUPPLIER**

Per a Required Vendor Agreement, all material in this section shall be purchased by the General Contractor from National Vendor, see drawing A0.1.

**SUBMITTALS**

Unless otherwise noted, the contractor shall prepare all shop drawings, product literature, etc. only as required to properly coordinate and construct the project.

Review of submittals by the Professional of Record is limited to specific shop drawings as called for in the Project Manual.

**QUALITY ASSURANCES**

Standards: Architectural Woodwork Manufacturer's Association of Canada, 2003 Edition (AWMAC) and AWI Quality Standards, 3rd Edition, Section 1300 as modified below, and ANSI A-208.1, govern all work hereunder.

**PRODUCT DELIVERY, STORAGE AND HANDLING**

Do not deliver wood doors to the job site until a suitable storage room is provided to protect the doors from either excessive moisture or excessive dryness. Store doors flat prior to hanging. Do not install doors until plaster and wallboard operations are completed and buildings are protected from excessive temperature changes. Apply painter's finish as soon as practicable after the doors are hung with particular attention to sealing all edges.

Carefully stack doors laid flat and level on three (3) 2 X 4's, one at center and one 300 mm (12") from each end, in a dry, clean, well-ventilated space. Place corrugated cardboard or plywood under bottom doors and over doors.

**GUARANTEE - SOLID CORE DOORS**

Furnish manufacturer's standard "Life of the Installation" guarantee for all interior doors. Repair or replacement shall include reasonable cost for rehanging and refinishing.

Obtain detailed instructions on the limitations imposed on this guarantee by the door manufacturer and his recommendations with respect to storage, installation and maintenance, including sealing finishing, and shall notify all subcontractors of these requirements before any doors are delivered.

**PART II – PRODUCTS****MANUFACTURER**

Refer to Materials and Product List on Drawings.

No field staining/shop staining will be accepted

**MATERIALS**

*Solid Core Wood Doors:*

Flush, AWI/AWMAC Spec. Symbol PC-7 (7-Ply).

*Face Veneers:*

Standard thickness rotary cut, natural birch, prefinished (Color: As indicated on drawings).

Thoroughly dried hardwood, 1.5 mm (1/16") minimum thickness extending the full width of the door and laid with the grain at right angles to the face veneers.

*Core:*

Particleboard Grade I-L-1.

*Side Stile Edges:*

Double thickness, minimum 35 mm (1-3/8") optional stiles (must be requested when ordering) of same species of wood as face veneers. Outer edge band shall be one piece, no finger joints. Top and bottom rail edges of double thickness, minimum 28 mm (1-1/8") minimum wood one piece or laminated (SCL) thoroughly kiln-dried hardwood.

*Note:* For pivot hinges, concealed closers or holders, or other hardware mortised into top and bottom edges, edges shall be a minimum 114 mm (4-1/2"), as above. Laminate all edges to the core, prior to the application of cross bands and faces with Type II face bond interior adhesive.

*Pre-fitting:*

Pre-fit doors at factory in accordance with tolerance requirements of the NWMA Standards with allowances for specific undercuts as indicated on the door schedule. Provide standard bevel or radius to edge of door as required for the installation.

*Labeled Wood Doors:*

Flush. AWI/AWMAC type FD mineral core, faces and finished as specified above the UL label as listed. Edges shall be fire treated birch and shall be compatibly finished to match door faces. Schedule hardware in accordance with the manufacturer's comparative data or Underwriter's Laboratories, Inc. listings. Pre-fit doors to 3 mm (1/8") under net opening width and 11 mm (7/16") under net height. Where transoms are indicated at labeled doors, construct transom panels to meet UL requirements.

**DOOR MODIFICATION**

Door cutouts: Door manufacturer shall make necessary provisions in the mill for all door cut-outs as indicated on the drawings.

Hardware preparation: Doors to be factory machined for hardware, beveled and exactly fitted for hanging.

Provide prefinished snap-in aluminum (Clear anodized) frames at all vision lites.

**PART III – EXECUTION****INSTALLATION**

- Place frames prior to construction of enclosed walls and ceilings. Set frames accurately in position plumbed, aligned, and braced securely until permanent anchors are set. After wall construction is completed, remove temporary braces and spreaders leaving surfaces smooth and undamaged.
- Doors shall be accurately fitted with proper clearances and left in perfect working order. All re-fitting necessary due to swelling, shrinking, faulty assembly or installation shall be done by the contractor, without cost to the Owner, for a period of two-year after completion and acceptance of the building. When dressing or cutting has been done, these surfaces shall be repainted or varnished.
- Provide standard pre-fit clearances of 3 mm (1/8") at top 3 mm (1/8") each side and minimum 10 mm (3/8") at bottom; increase bottom clearances over carpet and saddles.

**ADJUST AND CLEAN**

- Final Adjustments: Check and re-adjust operating finish hardware items in hollow metal. Work just prior to final inspection. Leave work in complete and proper operating condition. Remove and replace defective work, including doors or frames, which are warped, bowed or otherwise damaged.
- Touch Up: Immediately after erection, sand smooth any rough or damaged or damaged areas and apply touch-up so that there is no visual evidence of touch up.

**END OF SECTION**