

PART 1 GENERAL

1.1 REFERENCE

- .1 Comply with the General Conditions of the Contract, Supplementary General Conditions and the requirements of Division 1.

1.2 RELATED WORK SPECIFIED ELSEWHERE

- .1 Rough Carpentry - install Section 06100
- .2 Finish Hardware Section 08710
- .3 Miscellaneous Glass and Glazing Section 08800

1.3 SCOPE OF WORK INCLUDED

- .1 Supply only of Plastic Laminated solid core wood doors as shown on Door Schedule c/w preparation for Glazing .

1.4 WARRANTY

- .1 Provide a Warranty as stipulated in the General Conditions, but for an extended period of three [3] years from the date of final completion and acceptance of the Work. Warranty shall be signed by both manufacturer and installer.
- .2 Defects shall include warpage of doors in excess of 1/4", delamination or other defects as a result of defective design, faulty materials or workmanship. Upon written notification from the owner that the doors are defective promptly repair or replace defective work at no cost to owner. Replacement shall include delivery, hanging, fitting hardware and refinishing replacement doors and adjacent surface.

1.5 PROTECTION

- .1 All materials shall be free of damage when delivered to site.
- .2 Under conditions of high humidity , heating or forced ventilation shall be supplied by the contractor to prevent the accumulation of moisture.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- .1 Doors shall be manufactured in accordance with CSA 0132.2 - 1979 by one of the following manufacturers :

- .1 Premdor.
- .2 Cambridge Doors, Division of Won-Door Products
- .3 JWS Doors
- .4 Baillargeon
- .5 Approved equal

2.2 MATERIALS

- .1 The design of the doors to be suitable to accept mortise latch sets, full mortised hinges and surface mounted door closers.
- .2 **Cores** : medium density solid particle board.
- .3 **Crossband** : 3 ply 1/8" thick (before sanding) Birch plywood.
- .4 **Perimeter Edging** : 3/4" minimum thick one piece solid Birch after trimming on all 4 edges.
- .5 **Stiles and Rails** : 2 1/4" solid wood stop and bottom rails , 3 5/8" solid wood stiles.
- .6 **Facings** : 1/16" thick, plastic laminate. Conforming to CSA A.172-1974, High Pressure Plastic Laminates.
 - .1 Plam Finishes as follows :
- .7 Glazing beads to be flush type front edge recessed 1/8" at bottom. Mitre cut and fit all corners to form tight flush joints.

Plastic Laminate Door Schedule :

[PL-3] Wilsonart # 7054-60 Wild Cherry

PART 3 EXECUTION

3.1 FABRICATION

- .1 Solid particle board core to be glued to stiles and rails. Floating core construction will not be allowed.
- .2 Perimeter edging, solid birch bonded to cores.
- .3 Crossband : Birch plywood glue bonded to cores and edging.
- .4 Frame all openings in doors with solid wood. Cut openings as shown. Provide hardwood stops for glazing and louvres. Fit stops and attach loosely in place.
- .5 Plastic Laminate to be glued to stiles and core.
- .6 Paint edges and window trim to match plastic laminate.
- .7 Seal top and bottom edges with 2 coats urethane finish or lacquer applied in manufacturer's plant.
- .8 Undercut doors as required.

END OF SECTION