

**Part 1            General**

**1.1                RELATED REQUIREMENTS**

- .1     Section 08 11 00 – Metal doors dans frames
- .2     Section 08 71 00 – Door hardware
- .3     Section 08 80 50 - Glazing

**1.2                REFERENCE STANDARDS**

- .1     Architectural Woodwork Manufacturers Association of Canada (AWMAC).
  - .1     Quality Standards for Architectural Woodwork 1998.
- .2     Canadian General Standards Board (CGSB).
  - .1     CAN/CGSB-71.19-M88, Adhesive, Contact, Sprayable.
  - .2     CAN/CGSB-71.20-M88, Adhesive, Contact, Brushable.
- .3     Canadian Standards Association (CSA International).
  - .1     CSA A440.2-98(R2003), Energy Performance of Windows and Other Fenestration Systems.
  - .2     CSA O115-M1982(R2001), Hardwood and Decorative Plywood.
  - .3     CAN/CSA O132.2 Series-90(R1998), Wood Flush Doors.
  - .4     CAN/CSA-O132.5-M1992(R1998), Stile and Rail Wood Doors.
  - .5     CAN/CSA-Z808-96, A Sustainable Forest Management System: Guidance Document.
  - .6     CSA Certification Program for Windows and Doors 2000.
- .4     Environmental Choice Program (ECP).
  - .1     CCD-045-92, Sealants and Caulking Compounds.
  - .2     CCD-046-92, Adhesives.

**1.3                ACTION AND INFORMATIONAL SUBMITTALS**

- .1     Product Data:
  - .1     Submit manufacturer's printed product literature, specifications and data sheet in accordance with Section 01 33 00 - Submittal Procedures.
  - .2     Submit 1 copy of WHMIS MSDS - Material Safety Data Sheets in accordance with Section 01 33 00 - Submittal Procedures. Indicate VOC's:
    - .1     For caulking materials during application.
    - .2     For door materials and adhesives.
- .2     Shop Drawings:
  - .1     Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures.

- .2 Indicate door types and cutouts for louvres, lights, sizes, core construction, transom panel construction and cutouts.

#### **1.4 SAMPLES**

- .1 Submit samples in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Manufacturer's Instructions:
  - .1 Submit manufacturer's installation instructions.

#### **1.5 QUALITY ASSURANCE**

- .1 Regulatory Requirements
- .2 Test Reports: certified test reports showing compliance with specified performance characteristics and physical properties.
- .3 Certificates: product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.

#### **1.6 DELIVERY, STORAGE, AND HANDLING**

- .1 Storage and Protection:
  - .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, in accordance with manufacturer's recommendations.
  - .3 Protect doors from scratches, handling marks and other damage.
  - .4 Store doors away from direct sunlight.

### **Part 2 Products**

#### **2.1 WOOD FLUSH DOORS**

- .1 Refer to Section 08 71 00 – Door hardware
- .2 Solid core: to CAN/CSA-O132.2.1.
  - .1 Construction:
    - .1 Solid particleboard core: stile and rail frame bonded to particleboard core with wood lock blocks and special wood blocking
  - .2 Face Panels:
    - .1 Masonite veneers 3mm thick to paint color to the departmental representative's choice.
  - .3 Adhesive: Type II (water resistant) for interior doors.

#### **2.2 GLAZING**

- .1 Glass: clear, 6 mm
- .2 Refer to specifications contained in section 08 80 50 - Glazing

## **2.3 FABRICATION**

- .1 Vertical edge strips to match face veneer.
- .2 Prepare doors for glazing. Provide glazing stops to match face veneer with mitred corners.
- .3 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.

## **Part 3 Execution**

### **3.1 MANUFACTURER'S INSTRUCTIONS**

- .1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.

### **3.2 INSTALLATION**

- .1 Unwrap and protect doors in accordance with CAN/CSA-O132.2 Series, Appendix A.
- .2 Install labelled fire rated doors to NFPA 80; these doors must bear the certification label of the competent body.
- .3 Install doors and hardware in accordance with manufacturer's printed instructions and CAN/CSA-O132.2 Series, Appendix A.
- .4 Adjust hardware for correct function.
- .5 Install glazing in accordance with Section 08 80 50 - Glazing.
- .6 Install stops louvres.

### **3.3 ADJUSTMENT**

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

### **3.4 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 Clean glass and glazing materials with approved non-abrasive cleaner.
- .4 On completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

**END OF SECTION**