

**Part 1            General**

**1.1               RELATED SECTIONS**

- .1        Section 01 33 00 - Submittal Procedures.
- .2        Section 01 74 21 - Construction/Demolition Waste Management And Disposal.
- .3        Section 01 61 00 - Common Product Requirements.
- .4        Section 01 78 00 - Closeout Submittals.
- .5        Section 06 20 00 - Finish Carpentry
- .6        Section 06 40 00 - Architectural Woodwork.

**1.2               REFERENCES**

- .1        Canadian General Standards Board (CGSB), most recent version
  - .1        CAN/CGSB-69.25-M90/ANSI/BHMA A156.9, Cabinet Hardware.
  - .2        CAN/CGSB-69.27-93/ANSI/BHMA A156.11, Cabinet Locks.
  - .3        CAN/CGSB-69.32-M90/ANSI/BHMA A156.16, Auxiliary Hardware.
  - .4        CAN/CGSB-69.34-93/ANSI/BHMA A156.18, Materials and Finishes.

**1.3               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        Samples:
  - .1        Submit samples in accordance with Section 01 33 00 - Submittal Procedures
- .3        Hardware List:
  - .1        Submit contract hardware list in accordance with Section 01 33 00 - Submittal Procedures
  - .2        Indicate specified hardware, including make, model, material, function, finish and other pertinent information.
- .4        Manufacturer's Instructions:
  - .1        Submit manufacturer's installation instructions.
- .5        Closeout Submittals:

- .1 Provide maintenance data, parts list, and manufacturer's instructions for incorporation into maintenance manual specified in Section 01 78 00 - Closeout Submittals

#### **1.4 QUALITY ASSURANCE**

- .1 Test Reports: certified test reports showing compliance with specified performance characteristics and physical properties.
- .2 Certificates: product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.
- .3 Pre-installation Meetings: conduct pre-installation meeting to verify project requirements, manufacturer's installation instructions and manufacturer's warranty requirements.

#### **1.5 DELIVERY, STORAGE, AND HANDLING**

- .1 Packing, Shipping, Handling and Unloading:
  - .1 Deliver, store, handle and protect materials in accordance with Section 01 61 00 - Common Product Requirements
  - .2 Package items of hardware including fastenings, separately or in like groups of hardware, label each package as to item definition and location.
- .2 Storage and Protection:
  - .1 Store cabinet hardware in locked, clean and dry area.

#### **1.6 WASTE MANAGEMENT AND DISPOSAL**

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management And Disposal.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .3 Dispose of corrugated cardboard, polystyrene, plastic packaging material in appropriate on-site bin for recycling in accordance with site waste management program.

### **Part 2 Products**

#### **2.1 HARDWARE ITEMS**

- .1 Use one manufacturer's product for all similar items.
- .2 Finish shall be Brushed Nickel or Stainless Steel

#### **2.2 CABINET HARDWARE**

- .1 Cabinet hardware: to CAN/CGSB-69.25, designated by letter B and numeral identifiers as listed below.

- .1 Hinges: European style hinge with 110d swing of operation.
- .2 Pulls: surface mounted pull, type D shape,
- .3 Knobs: surface mounted knob
- .4 Latches: elbow latch,
- .5 Catches: friction catch .
- .6 Shelf rests and standards: adjustable shelf standards, with open shelf rests.
- .7 Shelf brackets and standards: vertical slotted shelf standard, with shelf brackets.
- .8 Drawer slides: side mounted drawer slides.
- .9 Track and guides for sliding panels: surface or recessed mounted with anti-friction inserts.

## **2.3 FASTENINGS**

- .1 Supply screws, bolts, expansion shields and other fastening devices required for satisfactory installation and operation of hardware.
- .2 Exposed fastening devices to match finish of hardware.
- .3 Use fasteners compatible with material through which they pass.

## **2.4 STANDARD OF ACCEPTANCE**

- .1 Eurostyle wall and base cabinet boxes, 19mm melamine, white.
- .2 Eurostyle Wood Door, Milano, Departmental Representative to select finish and colour.

## **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 Install hardware to standard hardware location dimensions in accordance with manufacturer's recommendations and to project design requirements.

### **3.3 ADJUSTING**

- .1 Adjust cabinet hardware for optimum, smooth operating condition.
- .2 Lubricate hardware and other moving parts, as recommended by manufacturer.
- .3 Adjust cabinet door hardware to provide tight fit at contact points with frames.

### **3.4 CLEANING**

- .1 Perform cleaning after installation to remove construction and accumulated environmental dirt.
- .2 Clean hardware with damp rag and approved non-abrasive cleaner, and polish hardware in accordance with manufacture's instructions.
- .3 Remove protective material from hardware items where present.
- .4 Upon completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

### **3.5 DEMONSTRATION**

- .1 Designated Staff Briefing.
  - .1 Brief designated staff regarding:
    - .1 Proper care, cleaning, and general maintenance of projects complete hardware.
    - .2 Description, use, handling.
- .2 Demonstrate operation, operating components, adjustment features, and lubrication requirements.

**END OF SECTION**