

**Part 1            General**

**1.1                SUMMARY**

- .1     Frame tags for facility management.
- .2     Plastic lettering for wall elevation.

**1.2                SUBMITTALS**

- .1     Submit in accordance with Section 01 33 00.
- .2     Submit shop drawings, catalogue sheets and full size templates.
- .3     Indicate materials, thicknesses, sizes, finishes, colours, construction details, mounting methods, schedule of signs.
- .4     Submit duplicate representative sample of each type sign, sign image, lettering and mounting method.

**Part 2            Products**

**2.1                MATERIALS**

- .1     Engraving sheet: lamicoid 3.2 mm thick plastic sheet, Face colour selected by Departmental Representative, white core.
- .2     Plastic Blanks: 6 mm thickness acrylic plate, laser-cut to letters required.
- .3     Self-stick foam tape: polyurethane open-cell foam tape for sign purposes, with synthetic self-stick adhesive on both sides. Width: to suit sign sizes.

**2.2                FABRICATION - GENERAL**

- .1     Fabricate signs in accordance with details, specifications and shop drawings.
- .2     Build units square, true, accurate to size, free from visual or performance defects.
- .3     Exposed fasteners permitted only where indicated or approved by Departmental Representative and to be inconspicuous and same finish and colour as base material, or as noted.
- .4     Manufacturer's nameplates on sign surface locations visible in completed work not acceptable.

**2.3                FABRICATION - DOOR AND FRAMES PLATES**

- .1     Fabricate sign faces of lamicoid.

- .1 Sizes:
  - .1 Frame Tags: Size as indicated.
  - .2 Colour as selected by Departmental Representative.
- .2 Engraving: apply sign images using pantograph mechanical engraving machine to obtain incised letters in font as selected by Departmental Representative's sample.
- .3 Fixed mounting: use self-stick foam tape.
- .4 Schedule:
  - .1 Frame Tags: Provide for four numerals per sign, one tag per frame in contract.

## **2.4 FABRICATION - BUILDING LETTERING**

- .1 Plastic blanks:
  - .1 6 mm thickness acrylic, gloss finish; white colour unless otherwise selected by Departmental Representative.
  - .2 All edges to be smooth and polished, free from sharp transitions or roughness.
- .2 Font and Height: Font selected by Departmental Representative without restriction; Font height to be minimum 250 mm.
- .3 Lettering: Refer to Drawings.

## **Part 3 Execution**

### **3.1 INSTALLATION**

- .1 Erect and secure signs plumb and level at elevations as directed by Departmental Representative.
- .2 Comply with sign manufacturer's installation instructions and approved shop drawings.

### **3.2 CLEANING**

- .1 Leave signs clean.
- .2 Touch up any damaged finishes.

**END OF SECTION**

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**Part 1            General**

**1.1                SECTION INCLUDES**

- .1      Corner guards.

**1.2                RELATED SECTIONS**

- .1      Section 06 10 00 - Rough Carpentry: Support blocking for wall and corner guard anchors.
- .2      Section 09 21 16 - Gypsum Board Assemblies.

**1.3                ADMINISTRATIVE REQUIREMENTS**

- .1      Coordinate with other work having a direct bearing on work of this section.
- .2      Coordinate the work with wall or partition sections for installation of concealed blocking or anchor devices.

**1.4                SUBMITTALS FOR REVIEW**

- .1      Submit in accordance with Section 01 33 00.
- .2      Product Data: Indicate physical dimensions, features, wall mounting brackets with mounted measurements, anchorage details, and rough-in measurements.
- .3      Installation Data: Manufacturer's special installation requirements including special procedures, perimeter conditions requiring special attention, and anchorage requirements.

**Part 2            Products**

**2.1                MATERIALS**

- .1      Type 1 PVC Corner Guard - Surface Mounted:
  - .1      Material: High impact vinyl, 6 mm radiused profile with 38 mm legs, with extruded aluminum retainer, for 90 and 135 degree corners.
  - .2      Length: 1220 mm height.
  - .3      Quantity: Refer to Drawings.
  - .4      Colour: Colour selected by Departmental Representative from full range without restrictions.
  - .5      Acceptable Products: C/S Group Acrovyn VA-200N, Koroguard G815, InPro G2.
- .2      Type 2 Stainless Steel Corner Guard - Surface Mounted:
  - .1      Material: 16 gauge Type 304 stainless steel alloy with No.4 satin finish.

- .2 Size: 100 mm x 100 mm legs x 1220 mm height.
- .3 Quantity: Refer to Drawings.
- .4 Acceptable Products: C/S Group CO-8 Series, InPro Stainless Steel Corner Guard or approved alternate.
- .3 Mounting Brackets and Attachment Hardware: Supplied by manufacturer and appropriate to component and substrate.

## **2.2 FABRICATION**

- .1 Fabricate components with tight joints, corners and seams.
- .2 Pre-drill holes for attachment.
- .3 Form end trim closure by capping and finishing smooth.

## **Part 3 Execution**

### **3.1 EXAMINATION**

- .1 Verify that field measurements are as indicated on Drawings.
- .2 Verify that rough-in for components are correctly sized and located.

### **3.2 INSTALLATION**

- .1 Install components to manufacturer's written instructions.
- .2 Install components level and plumb, secured rigidly in position to wall framing members only.
- .3 Installation height to be determined by Departmental Representative.

### **3.3 ERECTION TOLERANCES**

- .1 Maximum Variation From Required Height: 6 mm.
- .2 Maximum Variation From Level or Plane For Visible Length: 6 mm.

**END OF SECTION**

**Part 1            General**

**1.1            RELATED SECTIONS**

- .1      Section 09 91 23 - Interior Painting.

**1.2            REFERENCES**

- .1      American National Standards Institute (ANSI)
  - .1      ANSI/NFPA 10, Portable Fire Extinguishers.
- .2      Underwriters' Laboratories of Canada (ULC)
  - .1      CAN/ULC-S508 - Standard for the Rating and Fire Testing of Fire Extinguishers, Including Amendments 1 and 2.

**1.3            SUBMITTALS**

- .1      Submit in accordance with Section 01 33 00.
- .2      Provide maintenance data.

**Part 2           Products**

**2.1            EXTINGUISHERS**

- .1      Multi-Purpose Dry Chemical Extinguishers: Stored pressure rechargeable type with hose and shut-off nozzle, ULC labelled for A, B and C class protection. Size 4.5 kg.
  - .1      Quantity: As indicated.
  - .2      Acceptable Manufacturers: Kidde, Amerex, Ansul Sentry Safety Pro Inc.

**2.2            CABINETS**

- .1      Wall Cabinets: Recessed type, steel frame and swing door, continuous piano hinge, with latching device, viewing area to have clear bubble glazing.
  - .1      Size: To suit specified extinguishers.
  - .2      Finish: factory primed for field painting.
  - .3      Quantity: as indicated.
  - .4      Acceptable Manufacturer: National Fire Equipment, Canadian Fire Hose Corp., Larsen Manufacturing Company.

**2.3            IDENTIFICATION**

- .1      Identify extinguishers in accordance with recommendations of CAN/ULC-S508.
- .2      Attach bilingual tag or label to extinguishers, indicating month and year of installation. Provide space for service dates.

**Part 3            Execution**

**3.1                PREPARATION**

- .1            Coordinate installation of recessed wall cabinets with interior partition erection.

**3.2                INSTALLATION**

- .1            Install extinguishers in cabinets where indicated.
- .2            Paint out cabinet with wall.

**END OF SECTION**