
Part 1 General

1.1 SECTION INCLUDES

- .1 Linoleum bulletin boards.

1.2 REFERENCES

- .1 ANSI A208.1 - Particleboard.
- .2 ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
- .3 ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
- .4 CAN/ULC S102 - Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.

1.3 SUBMITTALS FOR REVIEW

- .1 Section 01 33 00: Submittal procedures.
- .2 Shop Drawings: Indicate wall elevations, dimensions, joint locations, special anchor details.
- .3 Samples:
 - .1 Submit two 300 mm x 300 mm samples each of tack board illustrating materials and finish, colour and texture of tack board surfacing, core and backing materials, trim and the following:
 - .1 Each sample shall indicate trim details and fabrication at the corners.
 - .2 Each sample shall contain a full splice butt joint representative of manufacturer's recommended field technique.

1.4 DELIVERY, STORAGE, AND PROTECTION

- .1 Protect pre-finished surfaces with wrapping.
- .2 Deliver material in original, undamaged and unopened wood crates or pallets.
- .3 Store material in dry areas and protected from exposure to weather.

1.5 COORDINATION

- .1 Coordinate the Work with installation of wall outlets and switches that are within the wall space for Work of this section.

1.6 OPERATION AND MAINTENANCE DATA

- .1 Maintenance Data: Include data on regular maintenance cleaning, stain removal.

1.7 WARRANTY

- .1 Provide a five year warranty to include coverage for failure to meet specified requirements.
- .2 Warranty: Include coverage of white board surfaces from discolouration due to cleaning, crazing or cracking, staining, warping.

Part 2 Products

2.1 TACK BOARDS

- .1 Materials:
 - .1 Tack Surface: Uni-coloured homogeneous linoleum resilient tackable surface material in sheets; 6 mm thickness.
 - .2 Backing: 13 mm Particleboard unless otherwise shown on on Drawings.
 - .3 Laminating and Mounting Adhesives: site applied adhesives shall be VOC compliant.
 - .4 Joint Reinforcement: H-profile anodized aluminum divider for joining panels.
 - .5 Anchor Clips, Brackets and Fasteners: Concealed type recommended by manufacturer.
- .2 Trim and Framing:
 - .1 Aluminum Trim: Anodized Aluminum.
 - .2 Provide for full perimeter, profile height to suit tack surface and backing thickness.
- .3 Finishes:
 - .1 Tack Surface: Colour selected by Departmental Representative.
 - .2 Trim and Framing Finish: Clear anodized.
- .4 Fabrication:
 - .1 Fabricate tack board to sizes indicated on drawings.
 - .2 Make finish panels flat and rigid.

Part 3 Execution

3.1 EXAMINATION

- .1 Verify dimensions, tolerances, and method of attachment with other work.
- .2 Verify that internal wall blocking is ready to receive work and positioning dimensions are as indicated on shop drawings.

3.2 INSTALLATION

- .1 Install boards in accordance plumb and level, provide rigid, secure surface.
- .2 Install trim around panels, make miters and intersection joints to hairline fit, free of rough edges.
- .3 Use concealed brackets to reinforce and hold joints tight and flush. No exposed fasteners permitted.

3.3 CLEANING

- .1 Remove protective material from surfaces.

3.4 PROTECTION OF FINISHED WORK

- .1 Protect finished Work from damage.

END OF SECTION

Part 1 General

1.1 SUMMARY

- .1 Frame tags for facility management.

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 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.

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

Part 1 General

1.1 SECTION INCLUDES

- .1 Corner guards.

1.2 RELATED SECTIONS

- .1 Section 06 10 53 - Miscellaneous 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 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 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 ACTION AND INFORMATIONAL 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 Manufacturers: 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