

10120 BULLETIN AND DISPLAY CABINETS

*SPECIFIER: This Section replaces previously issued sections 10120 and 10122.
CSI 2004 MasterFormat number: 01 12 00*

PART 1 GENERAL

1.1 RELATED REQUIREMENTS

- A. Coordinate bulletin and display cabinets with work before and after.
 - 1. Switches for illuminated cabinets: Coordinate with electrical work.

1.2 SUBMITTALS

- A. Product Data: Describe display case materials, design, finishes, trim, hardware, electrical wiring / fixtures and power needs, fastenings, installation and maintenance instructions.
 - 1. State what grounds and other preparation by other trades are needed.
- B. Finish Selection Samples: 1 set, for each component needing color or finish selection.

1.3 SPECIAL WARRANTY

- A. By Producer: In addition to the warranty and the correction of work requirements of the General Conditions, provide a written and signed Special Warranty from the producer (or Subcontractor), endorsed by Contractor, to correct defects in bulletin and display cabinets as follows:
- B. Correct the following by repairing or replacing cabinets before the date of Substantial Completion of the Work and afterward for a period of:
 - 1. 5 years: Cabinets, including aluminum finishes and cork surfaces.
- C. Correct by replacing work that has these defects:
 - 1. Cabinets with structural defects, or whose joints or doors do not remain tight, square and operable.
 - 2. Cork surfaces that crumble, embrittle, or grow mold.

PART 2 PRODUCTS

SPECIFIER: Select cabinet size, posting surface and cabinet finish. Because of design differences, it is good to examine producers' catalogs and to insert actual model numbers before the producers' names listed after basis of design product specified below.

2.1 BULLETIN BOARD CABINETS

- A. Description: Non-illuminated, recessed mounted, aluminum framed cabinet, with cork-on-hardboard posting surface and glazed swing doors with key locks.
1. Dimensions: **[48 in. high x 60 in. wide][48 in. high x 72 in. wide]**, with minimum 2 doors, 1-3/4 to 2-1/2 in. overall depth.
 2. Posting surface: **[1/4 in. colored vinyl impregnated cork] [18 to 24 oz/yd colored polyester fabric-covered 1/4 in. fiberboard, Class A fire resistant,]** on 1/4 in. tempered hardboard. Color: As selected by A/E.
 3. Cabinet and doors: Fabricate from aluminum extrusions with tight-jointed mitered corners. Reinforce door corners with heavy aluminum key splines.
 4. Cabinet and door finish: Low-gloss, **[clear satin anodized aluminum.] [one powder coated aluminum color as selected by A/E from producer's 8 (minimum) standard colors]**.
 5. Doors: Glaze at least 90% of total door area with 3/16 in. clear fully-tempered glass.
 6. Hinges: Full-length piano hinge in finish matching cabinet.
 7. Lock at each door: Cam lock with flat key; all cabinet locks keyed alike.
 8. Producer label: An inconspicuous matte anodized aluminum producer's label may be fastened with pop rivets or epoxy adhesive on the lower side-panel of a unit.
 9. Wall fastenings: Hangers, brackets and anchors located to be invisible from room.
- B. Product / Producer: One of the following:
1. Aywon
 2. DCC Series, by Aarco.
 3. Model 2044, by Claridge.
 4. HBC Series, by Polyvision.
 5. Or equal product in quality and performance as reviewed and approved by A/E using

2.2 DISPLAY CASES

- A. Description: Illuminated, recessed mounted, aluminum framed cabinet with cork-on-hardboard back surface, glass shelves, and 2 glazed sliding doors with key locks.
1. Dimensions: **[48 in. high x 60 in. wide][48 in. high x 72 in. wide]**, 10 to 16 in. overall depth.
 2. Back surface: 1/4 in. colored vinyl impregnated cork on 1/4 in. tempered hardboard. Color: As selected by A/E.
 3. Cabinet: Fabricate from aluminum extrusions with tight-jointed mitered corners. Reinforce door corners with heavy aluminum key splines. Case design shall shield lamps from eyes of observers' who are 5 ft in height, or more.
 4. Shelves: 3 fully tempered 1/4 in. glass shelves with safe edges.
 5. Shelf standards: Height-adjustable chrome-on-steel or stainless steel, no more than 20 in. oc at back panel of case, with matching angle brackets.
 6. Cabinet finish: Low-gloss, **[clear satin anodized aluminum.] [color powder coated aluminum in one of producer's standard colors as selected by A/E]**.
 7. Back panel finish: Color cork.
 8. Door glass: 3/16 in. clear fully-tempered glass.
 9. Door pulls: Clear satin anodized aluminum.
 10. Lock at each door: Keyed tumbler locks on locking clip.

11. Lights: 24 in. and 36 in. long fluorescent units, with lamps inside top of each case as needed to provide a nearly continuous strip of illumination over the length of case.
12. Location of light switches: Administrator's office unless otherwise shown.
13. Producer label: An inconspicuous matte anodized aluminum producer's label may be fastened with pop rivets or epoxy adhesive on the lower side-panel of a case.
14. Wall fastenings: Hangers, brackets and anchors located to be invisible from room.

B. Product / Producer: One of the following:

1. Aywon.
2. Model 373, by Claridge.
3. Series SDC, by Polyvision.
4. Or equal product in quality and performance as reviewed and approved by A/E.

PART 3 EXECUTION

3.1 INSTALLATION OF BULLETIN AND DISPLAY CABINETS

- A. Verify that field conditions are acceptable and are ready to receive cabinets / cases.
1. Verify that walls have been painted all coats and that paint is dry.
 2. Verify that wallboard reinforcement and grounds for fasteners are in place.
 3. Verify that electric outlets/switches for illuminated units are in place, properly located.
- B. Install units following producer's current published recommendations and instructions.
1. Install units in locations and at heights shown on Drawings. Support and fasten to walls so that fastenings are concealed.
 2. Label the switches that operate illuminated cabinets in administrator's office.
- C. Demonstrate doors to be in smooth working order. Clean metal and glass surfaces after installing.

END OF SECTION