
SECTION 10 12 00 - Recessed Display Cases

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specifications, apply to this Section.

1.2 SUMMARY

- A. Recessed Display Cases
- B. Related Sections include the following:
 - 1. Division 06 and 09 sections for structural blocking
 - 2. Division 10 section for Visual Display Surfaces

1.3 SUBMITTALS

- A. Submit under provisions of Section 01 33 00.
- B. Shop Drawings: For each type of recessed display case required:
 - 1. Include dimensioned elevations.
 - 2. Show anchors, grounds, reinforcement, accessories, layout and installation details.
- C. Product Data
 - 1. Provide technical data for materials specified. Include Material Safety Data Sheets, when applicable.
- D. Manufacturer's Installation Instructions
 - 1. Indicate special procedures and perimeter conditions requiring special attention.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Deliver, store, handle and protect units to site under provisions of Section 01 60 00. Wrap or otherwise package display cases assemblies for protection against damage and staining. Store in a clean, dry storage area, as packaged by manufacturer with manufacturer's seals and labels intact. Store sheet material flat. Provide blocking or other supports to retain original shape during storage.

1.5 QUALITY ASSURANCE

- A. Manufacturer: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.
- B. Installer Qualifications: Engage an experienced installer who is an authorized representative of the display case manufacturer for both installation and maintenance of the type of display unit required for this project.

- C. Source Limitations: Obtain display cases through one source from a single manufacturer.
- D. Product Options: Drawings indicate size, profiles and dimensional requirements of visual display boards and are based on the products indicated. Other manufacturers' products with equal performance characteristics may be considered. Refer to Division 1 Section 01 60 00.
 - 1. Do not modify intended aesthetic effects, as judged solely by the Architect, except with the Architect's approval and only to the extent needed to comply with performance requirements. Where modifications are proposed, submit comprehensive explanatory data to Architect for review.

1.7 FIELD MEASUREMENTS

- A. Verify field measurements before preparation of shop drawings and before fabrications to ensure proper fitting. Coordinate fabrication schedule with construction progress to avoid delaying the work.

1.8 WARRANTY

- A. Submit a standard warranty, stating that when installed in accordance with manufacturer's instructions and recommendations, Aarco recessed display cases are guaranteed for one year against defects in material and workmanship. Guarantee does not cover normal wear and tear, improper handling, any misuse or any defects caused by vandalism or subsequent abuse. Guarantee covers replacement of defective material but does not include cost of removal or reinstallation.

PART 2 – PRODUCTS

2.1 MANUFACTURER

- A. Manufacturer: Subject to compliance with requirements, provide products by one of the following:
 - 1. Aarco Products, Inc. as distributed by Blackboard and Casework Design, Inc, P.O. Box 5687, Wyomissing, Pennsylvania, 19610, telephone: 610-777-4226, fax: 610-777-3994, email: paoffice@blackboardcaseworkdesign.com
 - 2. Equal as approved by Architect under provisions of Section 01 60 00.

2.2 MATERIALS

- A. Recessed Sliding Door Display Cases
 - 1. All display cases shall be sized (height x width) as noted on drawings.
 - 2. Case(s) shall be complete with minimum 1/2" plywood box, metal standards & brackets and 3/16"-1/4" tempered plate glass shelves (minimum 3 rows of shelving, unless more is shown on drawings). All exposed metal shall be extruded aluminum alloy, anodized satin finish with a 2" x 2" angle frame. Doors shall be 3/16"-1/4" thick polished plate tempered or safety glass, number of sliding doors per unit as recommended by manufacturer.

3. Top and bottom of doors on cases shall have extruded "H" molding with nylon wheels at the bottom and rubber guides at the top. Rollers shall be concealed and provide smooth, quiet operation. Each glass door shall have finger slots.
4. Provide each case with tamperproof 5-pin tumbler lock(s) or approved equal.
5. The rear wall of each case shall be fitted with tackboard composed of (Architect: please select Vinyl, Forbo, Fabric or Custom) wall covering laminated to 1/4" natural cork laminated to 1/4" hardboard. Top, bottom and end walls of display case shall be plastic laminate or veneer Oak/Maple hardwood surfaced (Architect - please select finish between plastic laminate and hardwood).
6. Display case shall have (2) two lamp (T-8-120V), fluorescent fixtures surface attached to top of case (or LED fixtures). Number and lengths of fixtures shall be as required to light entire length of case. Provide lamps for all fixtures. Ballast shall be for 120 volts. Switch and electrical connection shall be by Electrical Contractor.
7. Aluminum Finish: Clear satin anodized (Architect option: powder coated finish)

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine conditions for compliance with requirements, installation tolerances and other conditions affecting performance of display casework.
 1. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install display casework level and plumb, according to manufacturer's written instructions.
- B. Install display casework with concealed fasteners and shims

End of Section 10 11 00