

**SECTION 10 11 14
MARKERBOARDS**

PART 1 - GENERAL

1.1 DESCRIPTION

- A. This section specifies markerboards and related items.
- B. Boards may be either factory or field assembled.
- C. Where shown, assemble both markerboards and tackboards into a single unit.

1.2 RELATED WORK

Color of aluminum anodic coating markerboard writing surface: Section 09 06 00, SCHEDULE FOR FINISHES

1.3 QUALITY ASSURANCE

Boards shall be the products of one manufacturer.

1.4 SUBMITTALS

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA AND SAMPLES.
- B. Shop Drawings: Identifying all parts by name and material and showing design, construction, installation, anchorage and relation to adjacent construction.
- C. Manufacturer's Literature and Data:
 - 1. Markerboard.
- D. Samples:
 - 1. Markerboard writing surface, 300 by 300 mm (six by six inches), each color, mounted on backing.
 - 2. Clear aluminum finish, 300 mm (six inch) length.
 - 3. Each accessory (after approval, may be used in the work).

1.5 APPLICABLE PUBLICATIONS

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by the basic designation only.
- B. National Association of Architectural Metal Manufacturers (NAAMM):
 - AMP 500 Series.....Metal Finishes Manual
 - AMP 501.....Finishes for Aluminum
- C. American National Standards (ANSI):
 - Z97.1-04.....Safety Glazing Materials Used in Buildings -
Safety Performance Specifications and Methods of
Test
- D. American Society for Testing and Materials (ASTM):

B221/B221M-06.....Aluminum and Aluminum Alloy Extruded Bars, Rods,
Wire, Shapes and Tubes

C1036-06.....Flat Glass

C1048-04.....Heat-Treated Flat Glass-Kind HS, Kind FT Coated
and Uncoated Glass

F104-03.....Nonmetallic Gasket Materials

E. Composite Panel Association (CPA):

A208.1-06.....Particleboard

A135.4-04.....Basic Hardboard

PART 2 - PRODUCTS

2.1 MARKERBOARD

Markerboards shall consist of a writing surface, fixed clear aluminum frame, marker trough, mullions, display rail and accessories, grounds and other items specified and shown.

2.2 FABRICATION

A. Markerboards: Porcelain enamel on steel, laminated to core.

1. Color: Low Gloss, White.
2. Metal Face Sheet Thickness: 0.024 inch (24 gage).
3. Core: Particleboard, manufacturer's standard thickness, laminated to face sheet.
4. Backing: Aluminum foil, laminated to core.
5. Size: As indicated on drawings.
6. Frame: Extruded aluminum, with concealed fasteners.
7. Frame Finish: Anodized, natural.
8. Accessories: Provide chalk tray and map rail.

2.3 MATERIALS

- A. Porcelain Enameled Steel Sheet: ASTM A 424, Type I, Commercial Steel, with fired-on vitreous finish.
- B. Particleboard: ANSI A208.1; wood chips, set with waterproof resin binder, sanded faces.
- C. Foil Backing: Aluminum foil sheet, 0.005 inch thick.

2.4 ACCESSORIES

- A. Map Rail: Extruded aluminum, manufacturer's standard profile, with cork insert and runners for accessories; 1 inch wide overall, full width of frame.
- B. Chalk Tray: Aluminum, manufacturer's standard extruded profile one piece full length of chalkboard, molded ends; concealed fasteners, same finish as frame.
- C. Mounting Brackets: Concealed.

PART 3 - EXECUTION**3.1 INSTALLATION, GENERAL**

- A. Install units in accordance with the manufacturer's installation instructions, use concealed fasteners.
- B. Inspect surfaces and related construction to receive units. Partitions shall have reinforcing to receive fasteners. Verify type and placement of reinforcement.
- C. Do not proceed with the installation until reinforcement is in place and surfaces are flat.
- D. Assemble units as specified by the manufacturer.

3.2 INSTALLATION OF MARKERBOARD

- A. Mount markerboard with adhesive and blocking pads spaced 16 inches on center each way.
- B. Grounds designed to receive clips for snap-on trim shall be continuous and be secured 300 mm (12 inches) on center. Space clips 300 mm (12 inches) on center.
- C. Miter trim at corners, conceal fasteners. Modify trim as required to conform to surrounding construction details.

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