

**SECTION 10 11 23
TACKBOARDS**

PART 1 - GENERAL

1.1 DESCRIPTION

- A. This section specifies tackboards (bulletin boards) and glass door bulletin boards and related items.
- B. Boards may be either factory or field assembled.
- C. Where shown, assemble both chalkboards and tackboards into a single unit.

1.2 QUALITY ASSURANCE

Boards shall be the products of one manufacturer.

1.3 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. Bulletin board.
 - 2. Glass door bulletin board.
- D. Samples:
 - 1. Tackboard, 300 by 300 mm (six by six inches), each color, mounted on backing.
 - 2. Integrally colored anodized aluminum, 300 mm (six inch) length.
 - 3. Cork filled map rail, 300 mm (six inch) length.
 - 4. Each accessory (after approval, may be used in the work).

1.4 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 Institute (ANSI):
 - Z97.1-09 Safety Glazing Materials Used in Buildings -
Safety Performance Specifications and Methods
of Test

D. American Society for Testing and Materials (ASTM):

B221/B221M-08 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(R2009) Nonmetallic Gasket Materials

E. Composite Panel Association (CPA):

A208.1-09 Particleboard

A135.4-04 Basic Hardboard

PART 2 - PRODUCTS

2.1 BULLETIN BOARD

Bulletin board shall consist of a tackboard, snap on aluminum frame, grounds and other items specified and shown.

2.2 FABRICATION

A. Materials:

1. Aluminum, extruded: ASTM B221.
2. Cork: ASTM F104, Type II, mildew resistant, Class 2.
3. Backing: Hardboard, AHBA A135.4 or particleboard, CPA A208.1.

B. Components:

1. Tackboard: Cork face, 6 mm (1/4-inch) thick factory laminated to a hardboard or particleboard backing // of thickness required so that the face of the cork will be in the same plane as the face of the chalkboard writing surface, 6 mm to 9 mm (1/4 to 3/8-inch) thick. //
2. Frames (Trim): Extruded aluminum, 1.5 mm (0.060-inch) thick, snap-on type, approximate face width 44 mm (1-3/4 inch), depth and configuration as required to return to wall and engage clips.
3. Display Rail: Snap-on type, same materials as frames, approximate face width one inch with 6 mm (1/4-inch) thick cork insert.
4. Mullions: Snap-on type, same material and face width as frames, designed to finish flush with frame.
5. Grounds: Continuous zinc-coated (galvanized) steel or extruded aluminum members designed to support the tackboard and clips for snap-on frames, and map rail
6. Clips: Manufacturer's standard as required to support frame, mullions, and display rail,

7. Tubular Frame (For glass door bulletin board): Extruded aluminum, 2.34 mm (0.092 inches) thick; tubular or open back in section, with flanges for concealed attachment, designed to support door hardware and tackboard.
- C. Bulletin boards 3660 mm (12 feet) or less in length shall be in one piece. // Larger units shall have one joint at center.// Joints shall have metal spline, with faces in same plane and edges shall touch along entire length. //
- D. Finish exposed aluminum surfaces as follows:
 1. AA 45 chemically etched medium matte, with clear anodic coating Class II Architectural, 0.4 mils thick (AA-M12C22A32).
 2. AA 45 chemically etched medium matte, with integrally colored anodic coating, Class II Architectural, 0.4 mils thick (AA-M12C22A32, of color to match approved sample).

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 BULLETIN BOARD:

- A. Installation
 1. Mount bulletin boards with adhesive and blocking pads spaced 16 inches on center each way.
 2. 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.
 3. Miter trim at corners, conceal fasteners. Modify trim as required to conform to surrounding construction details.

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