

**SECTION 10 11 23  
TACKBOARDS**

**PART 1 - GENERAL**

**1.1 DESCRIPTION:**

- A. This section specifies bulletin boards, which include tackboards and related items.

**1.2 QUALITY ASSURANCE:**

- A. Provide bulletin boards that are the product of one (1) manufacturer that has provided bulletin boards as specified for a minimum of three (3) years.

**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.
- D. Samples:
1. Tackboard material, 305 x 305 mm (6 x 6 inches), each color, mounted on backing.
2. Frame material, 305 mm (6 inch) length.
- E. Manufacturer's qualifications.

**1.4 WARRANTY:**

- A. Construction Warranty: Comply with FAR clause 52.246-21, "Warranty of Construction".

**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. American Architectural Manufacturers Association (AAMA):
- 611-14.....Anodized Architectural Aluminum
- 2603-13.....Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels
- C. American National Standards Institute (ANSI):

10-01-15

Z97.1-09.....Safety Glazing Materials Used in Buildings -  
Safety Performance Specifications and Methods  
of Test

D. ASTM International (ASTM):

B221 -14.....Aluminum and Aluminum Alloy Extruded Bars,  
Rods, Wire, Shapes and Tubes

B221M-13.....Aluminum and Aluminum Alloy Extruded Bars,  
Rods, Wire, Shapes and Tubes (Metric)

B429/B429M-10(R2012)....Aluminum-Alloy Extruded Structural Pipe and  
Tube

C208-12.....Cellulosic Fiber Insulation Board

C1036-11(R2012).....Flat Glass

C1048-12.....Heat-Treated Flat Glass-Kind HS, Kind FT Coated  
and Uncoated Glass

F104-03(R2009).....Nonmetallic Gasket Materials

E. Code of Federal Regulation (CFR):

40 CFR 59.....Determination of Volatile Matter Content, Water  
Content, Density Volume Solids, and Weight  
Solids of Surface Coating

F. Composite Panel Association (CPA):

A208.1-09.....Particleboard

A135.4-12.....Basic Hardboard

G. National Association of Architectural Metal Manufacturers (NAAMM):

AMP 500 Series.....Metal Finishes Manual

AMP 501.....Finishes for Aluminum

**PART 2 - PRODUCTS**

**2.1 BULLETIN BOARD:**

A. Provide bulletin board that consists of a tackboard, snap on aluminum  
frame and grounds.

**2.2 MATERIALS:**

A. Hardboard: ANSI A135.4, tempered.

B. Fiberboard: ASTM C208.

C. Particleboard: ANSI A208.1, Grade M-1.

D. Hardwood Plywood: HPVA HP-1.

E. Natural-Cork Sheet: Seamless, single-layer, compressed fine-grain cork  
sheet; bulletin board quality; face sanded for natural finish.

F. Extruded-Aluminum Bars and Shapes: ASTM B221M (ASTM B221), Alloy 6063.

G. Aluminum Tubing: ASTM B429/B429M, Alloy 6063.

H. Fasteners: Provide screws, bolts, and other fastening devices made from same material as items being fastened, except provide hot-dip galvanized, stainless-steel, or aluminum fasteners for exterior applications. Provide types, sizes, and lengths to suit installation conditions. Provide security fasteners where exposed to view.

I. Adhesives:

1. Adhesives for Field Application: Mildew-resistant, nonstaining adhesive for use with specific type of panels, sheets, or assemblies; and for substrate application; as recommended in writing by visual display unit manufacturer.
2. Adhesives to have VOC content of 50 g/L or less when calculated according to 40 CFR 59 (EPA Method 24).

**2.3 COMPONENTS:**

- A. Tackboard: Cork face, 6 mm (1/4-inch) thick factory laminated to a hardboard or particleboard backing.
- B. 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.
- C. Display Rail: Snap-on type, same materials as frames, approximate face width 25 mm (1 inch) with 6 mm (1/4-inch) thick cork insert.
- D. Mullions: Snap-on type, same material and face width as frames, designed to finish flush with frame.
- E. Grounds: Continuous zinc-coated (galvanized) steel or extruded aluminum members designed to support the tackboard and clips for snap-on frames, and map rail.
- F. Clips: Manufacturer's standard as required to support frame, mullions, and display rail.
- H. Provide bulletin boards 3657 mm (12 feet) or less in length in one (1) piece. Provide larger units with one (1) joint at center. Fabricate joints with metal spline, with faces in same plane and edges that touch along entire length.

**2.4 FABRICATION:**

- A. Fabricate bulletin boards to dimensions indicated on construction documents, and as specified for dimensions, design, and thickness and finish of materials.
- B. Provide metals and shapes of thickness and reinforcement required to produce flat surfaces, and to impart strength for size, design, and application.

- C. Fabricate cabinets and door frames with reinforced corners, mitered to a hairline fit, with no exposed fasteners.
- D. Grind metal edges smooth.

**2.5 GENERAL FINISH REQUIREMENTS:**

- A. Comply with NAAMM AMP 500 Series for recommendations for applying and designating finishes.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Appearance of Finished Work: Noticeable variations in same piece are unacceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved samples and are assembled or installed to minimize contrast.

**2.6 ALUMINUM FINISHES:**

- A. Clear Anodic Finish: AAMA 611, AA-M12C22A31, Class II, 0.010 mm (0.4 mil) or thicker.

**PART 3 - EXECUTION**

**3.1 INSTALLATION, GENERAL:**

- A. Install units in accordance with the manufacturer's installation instructions with concealed fasteners.
- B. Inspect surfaces and related construction to receive units. Verify reinforcement and blocking has been provided in partitions before installation.
- C. Install units as specified by the manufacturer.
- D. Grounds Designed to Receive Clips for Snap-On Trim: Continuous and be secured 305 mm (12 inches) on center.
- E. Miter trim at corners, conceal fasteners. Modify trim as required to conform to surrounding construction details.

**3.2 CLEANING:**

- A. Clean tackboards in accordance with manufacturer's written instructions.
- B. Touch-up factory applied finishes restoring damaged or soiled areas.

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