

**SECTION 10 11 23
TACKBOARDS**

SPEC WRITER NOTES:

1. Use this section only for NCA Projects.
2. Delete between //---// if not applicable to project. Also delete any other item or paragraph not applicable in the section and renumber the paragraphs.

PART 1 - GENERAL

1.1 DESCRIPTION

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

1.2 RELATED WORK

- A. Color of // aluminum anodic coating // tackboard: Section 09 06 00, SCHEDULE FOR FINISHES.

1.3 QUALITY ASSURANCE

- A. Boards to be the products of one manufacturer.

1.4 SUSTAINABILITY REQUIREMENTS

- A. Materials in this section may contribute towards contract compliance with sustainability requirements. See Section 01 81 13, SUSTAINABLE DESIGN REQUIREMENTS, for project // local/regional materials, // low-emitting materials, // recycled content, // certified wood // _____// requirements.
- B. Biobased Material: For products designated by the USDA's BioPreferred® program, provide products that meet or exceed USDA recommendations for biobased content, subject to the products compliance with performance requirements in this Section. For more information regarding the product categories covered by the BioPreferred® program, visit <http://www.biopreferred.gov>.

1.5 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).

1.6 APPLICABLE PUBLICATIONS

- A. Publications listed below form a part of this specification to extent referenced. Publications are referenced in text by the basic designation only. Comply with applicable provisions and recommendations of the following, except as otherwise shown or specified.

SPEC WRITER NOTES:

1. Remove reference citations that do not remain in Part 2 or Part 3 of edited specification.
2. Verify and make dates indicated for remaining citations the most current at date of submittal; determine changes from date indicated on the TIL download of the section and modify requirements impacted by the changes.

B. American National Standards Institute (ANSI):

- | | |
|-----------|--|
| Z97.1-15 | Safety Glazing Materials Used in Buildings -
Safety Performance Specifications and Methods
of Test |
| A208.1-22 | Particleboard |
| A135.4-12 | Basic Hardboard |

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

- | | |
|---------------|--|
| B221/B221M-21 | Aluminum and Aluminum Alloy Extruded Bars,
Rods, Wire, Shapes and Tubes |
| C1036-21 | Flat Glass |
| C1048-18 | Heat-Treated Flat Glass-Kind HS, Kind FT Coated
and Uncoated Glass |
| ASTM-E 84 | Standard Test Method for Surface Burning
Characteristics for Building Materials |

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

2.2 GLASS DOOR BULLETIN BOARD

A. Glass door bulletin board consists of a tackboard, aluminum tubular frame, sliding aluminum framed glazed doors and other items specified and shown.

2.3 FABRICATION

A. Materials:

1. Aluminum, extruded: ASTM B221.
2. Cork: Plastic-impregnated cork, mildew resistant, on core panel indicated.
- //3. Glass: ASTM C1036, Clear, Class 1, Quality q3, 6 mm (1/4-inch) thick.//

SPEC WRITER NOTES:

1. Glazing panels greater than 9 square feet in surface area, must be safety glass per ANSI Z97.1 and be so labeled.
- //4. Tempered Glass: ASTM C1048, Clear Kind FT, Condition A, Type I, Class 1, Quality q3, 6 mm (1/4-inch) thick. Safety glass, ANSI Z97.1, labeled. //
5. Backing: Hardboard, ANSI A135.4 or particleboard, ANSI A208.1.
- //6. Tack Wall Substrate: Mineral or wood fiber product manufactured for this purpose; minimum density 544 Kg/cu.m (34 pcf) and Class A surface burning characteristics.//

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. Tackwall: Cork face, 6 mm (1/4 inch) laminated to specified substrate of 12 mm (1/2 inch) thickness.//
3. 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.
4. Display Rail: Snap-on type, same materials as frames, approximate face width one inch with 6 mm (1/4-inch) thick cork insert.

5. Mullions: Snap-on type, same material and face width as frames, designed to finish flush with frame.
 6. Grounds: Continuous zinc-coated (galvanized) steel or extruded aluminum members designed to support the tackboard and clips for snap-on frames, and map rail.
 7. Clips: Manufacturer's standard as required to support frame, mullions, and display rail.
 8. 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. Provide bulletin boards 3660 mm (12 feet) or less in length as one piece. // Larger units to have one joint at center.// Provide metal spline in joints, with faces in same plane and edges touching 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

SPEC WRITER NOTES:

1. Provide reinforcing at partitions to support visual display boards.

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. Verify partitions 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 BOARDS

- A. (Except glass door bulletin boards):
 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 to 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.

3.3 INSTALLATION OF GLASS DOOR BULLETIN BOARDS

- A. Glass door bulletin board units to be factory assembled, except tackboard may be field mounted or shop mounted on frame.
- B. Provide mounting bolts or screws with oval head of stainless steel or chromium plated steel or brass. Space fasteners 500 mm (20 inches) on center, except not less than three fasteners each side, top and bottom. Heads of fasteners must not show on the frame face.

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