

**DIVISION 10 - SECTION 10 10 00 VISUAL DISPLAY BOARDS -
SECTION 10 11 33 HORIZONTAL SLIDING UNITS**

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK

- A. This section includes Horizontal Sliding Chalkboard/Markerboard units with visual display boards of the following type:
 - 1. Porcelain enamel chalkboards
 - 2. Porcelain enamel markerboards
 - 3. Tackable Panels: Claridge Cork; Fabricork; Designer Fabric; Tan Nucork; Hook-Fab
 - 4. Accessories

1.02 REFERENCED STANDARDS

- A. ASTM-E 84
- B. ASTM B221

1.03 SUBMITTALS

- A. Shop Drawings: Provide shop drawings for each horizontal sliding unit required.
- B. Product Data: Provide technical data for materials specified. Include Material Safety Data Sheets, when applicable.
- C. Samples:
 - 1. Manufacturer's color charts
 - 2. Composition samples of face, core, backing material and trim to illustrate finish, color and texture.

1.04 OPERATION & MAINTENANCE

- A. Include data on regular cleaning, stain removal, and precautions.

1.05 REGULATORY REQUIREMENTS

- A. Conform to applicable code for flame/smoke rating in tackboards in accordance with ASTM-E 84.

1.06 QUALITY ASSURANCE

- A. Provide all items in this section as manufactured by:
Claridge Products and Equipment, Inc.
Harrison, Arkansas 72602-0910
Phone: 870/743-2200 Fax: 870/743-1908

1.07 FIELD CONDITIONS

- A. Field measure prior to preparation of shop drawings and fabrication to ensure proper fit.

1.08 WARRANTY

- A. Submit a "**Life of the Building**" warranty, stating that under normal usage and maintenance, and when installed in accordance with manufacturer's instructions and recommendations, Claridge porcelain enamel steel chalkboards and markerboards are guaranteed for the life of the building. Guarantee covers replacement of defective boards but does not include cost of removal or reinstallation.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Horizontal Sliding Chalkboard units - as manufactured by: **Claridge Products and Equipment, Inc., Harrison, Arkansas 72602-0910; Phone: 870-743-2200; Fax: 870-743-1908**

2.02 MATERIALS

- A.. Horizontal Sliding Chalkboard/Markerboard Units
 - 1. Series: (Architect to specify from manufacturer's standard units - two-track; three-track; four-track; or component parts.)
 - a. Sliding Panels and/or Back Panel - Writing surface:
 - 1. Porcelain enamel steel Markerboard
 - 2. Porcelain enamel steel Chalkboard
 - b. Sliding Panels and/or Back Panel – Tack surface:
 - 1. Claridge Cork
 - 2. Fabricork
 - 3. Designer Fabric

4. Tan Nucork
5. Hook-Fab
2. Sizes: (Specify panel length and height.) Standard height is 4 feet; standard length, up to 24 feet.
3. Typical Arrangements: (Specify type and color of back panel, if required, and number, type and color of sliding panels. Select from manufacturer's standards.)
4. Component Parts: (Specify top mounted panels without housing or bottom mounted panels without housing.)
- B. Metal Trim and Accessories: Provide aluminum extrusions as manufactured by Claridge Products and Equipment, Inc. Frame and exposed members shall be heavy gauge extruded aluminum and shall meet or exceed ASTM B221 Alloy Standards.
 1. Finish: Etched and anodized satin finish.
 - a. Optional Finishes: Color Anodize or Powder Coat finishes available
 2. Chalktrough: Standard continuous, solid type aluminum accessory tray with ribbed section and injection molded end closures.
- C. Colors: As selected from manufacturer's standard colors. Color charts furnished on request.
- D. Adhesive: As recommended by manufacturer.

2.03 FABRICATION

- A. Shop assembly: Provide Horizontal Sliding Units with all corners reinforced with angles to strengthen frame. Nylon ball bearing rollers at top of unit and nylon guide rollers at bottom of unit to be of sufficient size and number to eliminate vibration and provide smooth and quiet operation of the panels
 1. Porcelain Markerboard or Chalkboard:
 - a. Sliding Panels:
 1. Face Sheet: Porcelain Enamel Steel
 2. Core: 1/2" honeycomb
 3. Backing: steel
 - b. Back Panels:
 1. Face Sheet: Porcelain Enamel Steel
 2. Core: 7/16" MDF (Medium Density Fiberboard)
 3. Backing: Moisture Barrier Back
 2. Claridge Cork Tackboard:
 - a. Sliding Panel or Back Panel:
 1. Face Sheet: 1/4" Claridge Cork
 2. Binder: Burlap
 3. Backing: Hardboard

PART 3 - EXECUTION

3.01 PROJECT CONDITIONS

- A. Verify before installation that interior moisture and temperature approximate normal occupied conditions.
- B. Verify that wall surfaces are prepared and ready to receive boards.

3.02 INSTALLATION

- A. Deliver factory built units completely assembled and of dimensions shown in details and in accordance with manufacturer's shop drawings as approved by the architect.
- B. Follow manufacturer's instructions for storage and handling of units before installation.
- C. Install level and plumb, keeping perimeter trim straight in accordance with manufacturer's recommendations.
- D. Do not install boards on damp walls or in damp and humid weather without heat in the building.

3.03 ADJUST AND CLEAN

- A. Verify that all accessories are installed as required for each unit.
- B. At completion of work, clean surfaces and trim in accordance with manufacturer's recommendations, leaving all materials ready for use.