

DIVISION 10 – SECTION 10 11 00 – VISUAL DISPLAY SURFACES

PART 1 – GENERAL

1.01 DESCRIPTION OF WORK

- A. Section Includes:
 - 1. Fixed dry-erase magnetic glass markerboards
 - 2. Fixed dry-erase non-magnetic glass markerboards

1.02 REFERENCED STANDARDS

- A. American National Standard's Institute
 - 1. ANSI Z97.1 Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test
- B. American Society for Testing Materials
 - 1. ASTM B221 Standard Specification for Aluminum and Aluminum Alloy Extruded Bars, Rods, Wires, Profiles and Tubes
- C. GREENGUARD Environmental Institute
 - 1. GREENGUARD Certified. UL2818-2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings.
 - 2. GREENGUARD Gold Certified. UL2818-2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings.

1.03 SUBMITTALS

- A. Shop Drawings: Provide shop drawings for each type of visual display board required.
- B. Product Data: Provide technical data for materials specified. Include Material Safety Data Sheets, when applicable.
- C. Samples: Provide sample to illustrate finish and texture, where required.
- D. Manufacturer's Instructions: Provide Manufacturer's installation and cleaning instructions.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications:
 - 1. Manufacturer shall be a firm engaged in the manufacture of visual display boards in the United States.
 - 2. Manufacturer shall have a minimum of 5 years experience in the manufacture of visual display boards.
- B. Operation and Maintenance: Include data on regular cleaning, stain removal, and precautions.
- C. Product Certifications: Provide GREENGUARD / GREENGUARD Gold certificates for markerboard surfaces, as applicable.

1.05 PROJECT CONDITIONS

- A. Field measure prior to preparation of shop drawings and fabrication to ensure proper fit.
- B. Comply with manufacturer's recommendations for acclimating area for interior moisture and temperature to approximate normal occupied conditions.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Schedule delivery of visual display boards with spaces sufficiently complete so that visual display boards can be installed upon delivery.
- B. Store products in manufacturer's unopened packaging until ready for installation.
- C. Store materials protected from exposure to harmful weather conditions and at temperatures and humidity conditions recommended by manufacturer.

1.07 WARRANTY

- A. Submit a warranty, stating that under normal usage and maintenance, and when installed in accordance with manufacturer's instructions and recommendations, Claridge glass markerboard writing surfaces are guaranteed for ten (10) years. Guarantee covers replacement of defective boards but does not include cost of removal or reinstallation.

PART 2 – PRODUCTS

2.01 MANUFACTURERS

- A. Visual Display Board Manufacturer: Claridge Products and Equipment, Inc., Harrison, Arkansas 72601; Toll Free: 800-434-4610; Telephone: 870-743-2200; Fax: 870-743-1908; E-mail: claridge@claridgeproducts.com; website: www.claridgeproducts.com.

2.02 MATERIALS

A. Glass Markerboards

1. Glass: ¼ -inch thick, tempered, low-iron, extra clear, safety writing glass with polished edges
2. Glass Markerboard writing surface: Smooth finish intended for use with dry-erase markers
3. Glass Sizes: Sizes available - 2'0" x 3'0" through 4'0" x 8'0". (Specify size.)
4. Back-Painted Color: 10 standard colors. Calm White furnished if color not specified (optional colors available). Specially formulated back paint creates a durable paint/glass bond that is fade resistant, water resistant, heat resistant, and environmentally friendly and free of unsafe chemicals.
5. Backing: Magnetic glass markerboards have steel backing permanently adhered to the back of the glass. (BPG – Back-painted glass markerboards do not have steel backing.)

B. Mounting Methods (specify)

3. MGM and BPG - Brushed stainless edge grips for stand-off mounting (4 stand-offs with sizes up to 4' x 6'; 6 with 4' x 6' and 4' x 8')
4. MGMI - Invisi-Mount – no visible mounting hardware; concealed hanger mounted to back of board. Full-length, minus 3", concealed z-bar hanger for the wall. Furnished with 3M Dual Lock™ fasteners to hold bottom of board firmly in place. Z-bar mounting method to pass 500 lb. load test without failure.

D. Accessories

1. Rare Earth Magnets furnished with MGM and MGMI.
2. Optional Aluminum Accessory tray equipped with double-sided tape
3. Optional Aluminum Accessory tray equipped with rare earth magnets (Magnetic Glass Markerboards only)
4. Optional Marker Caddy and Magnetic Eraser (Magnetic Glass Markerboards only)

PART 3 – EXECUTION

3.01 PROJECT CONDITIONS

- A. Interior moisture and temperature should approximate normal occupied conditions.
- B. Verify that wall surfaces are true and plumb and 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. Do not install on damp walls or in damp and humid weather without heat in the building.

- D. Install level and plumb, keeping perimeter trim straight in accordance with manufacturer's recommendations.

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.