

**Suggested Specifications: Division 10 – Section 10100 – Visual  
Display Surfaces**

**Part 1 – GENERAL**

**1.01 Section Includes**

- A. Porcelain enamel marker boards
- B. Porcelain enamel chalk boards
- C. Tack boards
- D. Tack Walls / Tackable Surface

**1.02 Related Sections**

- A. 6100 – Blocking
- B. 9000 – Gypsum Wall Board
- C. 9720 – Vinyl Wall Coverings.
- D. 10300 – Directory and Bulletin Boards Cabinets
- E. 10200 – Display Cases

**1.03 Referenced Standards**

- A. ASTM B221 – Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.
- B. ASTM E84 – Test Method for Surface Burning and Characteristics of Building Materials.
- C. ASTM C540 – Gloss Test for Porcelain Enamel Steel (Porcelain Enamel Institute PEI-501).

**1.04 Submittals**

- A. Submittal Drawings – Provide ‘as-built’ shop drawings for individual visual display boards as required per the dimensions on the architectural drawings.
- B. Product data – Provide technical data for materials specified. Include material safety data sheets when applicable.
- C. Color charts and material samples – Provide the manufacturer’s color charts and laminated composition samples. Samples should include surface, core, backing, and perimeter trim.

**1.05 Project Conditions**

- A. Dimensions on all architectural drawings and actual field dimensions are to be field verified by the general contractor prior to fabrication.
- B. Comply with the manufacturer’s recommendation for proper ‘climate control’ during and after installation.

**1.06 Warranty**

- A. Submit a manufacturer’s “Life of Building” warranty, stating that under normal usage and maintenance, and when installed in accordance with the manufacturer’s instructions and recommendations, porcelain enamel steel marker

boards and chalkboards are guaranteed for the life of the building.

- B. The warranty shall cover the replacement of defective porcelain enamel steel marker boards and chalkboards due to discoloration, excessive fading of color, crazing, cracking or flaking. The warranty does not cover the cost of removal or reinstallation.

## **PART 2 – PRODUCTS**

### **2.01 – Manufacturers**

- A. American Visual Display Products, LLC.  
100 Barrett Industrial Blvd. Wetumpka, Alabama  
36092 (866)583-4268; Fax: 334-514-4855  
information@americanvisualdisplay.com  
[www.americanvisualdisplay.com](http://www.americanvisualdisplay.com)

### **2.02 – Framed and unframed Marker Board and Chalk Board Composition Materials**

- A. Porcelain enamel steel face sheets: Porcelain enamel finish shall be fuse bonded with 24 or 28 gauge sheet steel using a continuous coil process. Specify gauge.
- B. Core Material – Specify 7/16” MDF; 1/2” fiber board. Specify core.
- C. Backing Material shall be .005” or .015” aluminum foil. Specify backing.

### **2.02 – Framed and unframed Tack Board Composition Materials**

- A. Face material - Specify vinyl fabric; FR701 woven fabric; natural cork; or Forbo (plastic impregnated color cork).
- B. Core Material – Specify ½” fiber board; 1/8” natural cork laminated to 3/8” fiber board; 1/4” natural cork laminated to 1/4” hard board, 1/4” forbo laminated to 1/4” hard board.

### **2.03 - Factory Built Marker and Tack Boards**

- A. Provide Marker boards and Chalk Boards from the manufacturer’s standard 1000, 1500, and 2000 series. Size as defined by the architectural drawings or specifications. Color as selected from the manufacturer’s standard colors.

#### **1. Metal Perimeter trim: Series 1000**

Chalk tray shall be flat, ribbed with protective tray dipped plastic end covers.

Map rail shall be standard 1” high continuous with a natural cork insert.

Perimeter trim shall be channel frame with 3/4” wide face.

## **2. *Metal Perimeter trim: Series 1500***

Chalk tray shall be hollow, ribbed, 'box' shaped with protective cast aluminum end caps.

Map rail shall be standard 1" high continuous with a natural cork insert.

Perimeter trim shall be channel frame with 3/4" wide face.

## **3. *Metal Perimeter trim: Series 2000.***

Chalk tray shall be hollow, ribbed, 'box' shaped with protective cast aluminum end caps.

Map rail shall be standard 2" high continuous with a natural cork insert.

Perimeter trim shall be channel frame with 1-1/2" wide face.

## **PART 3 – EXECUTION**

### **3.01 – Installation**

- A. Verify before installation that the installation area is climate controlled, and that the temperature and humidity are at normalized occupied conditions.
- B. Comply with the manufacturer's installation instructions.

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***"A Team Focused on Always Exceeding Our Customer's Expectations"***

Specifications given are for our standard line of Marker and Tack Boards. Specialty boards are available. Contact one of our consultants for individual specifications. We can meet or exceed all your requirements.