

## SECTION 10100

### VISUAL DISPLAY BOARDS – HORIZONTAL SLIDING MARKERBOARDS / CHALKBOARDS

#### PART 1 - GENERAL

##### 1.01 DESCRIPTION OF WORK

A. Section Includes:

1. Horizontal Sliding Markerboards / Chalkboards

##### 1.02 REFERENCED STANDARDS

A. American Society for Testing Materials

1. ASTM-E 84 Standard Test Method for Surface Burning Characteristics for Building Materials
2. ASTM B221 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wires, Profiles and Tubes.

##### 1.03 SUBMITTALS

- A. Shop Drawings: Provide shop drawings for each type of porcelain enamel markerboard, chalkboard, cork tackboard, and vinyl-fabric-faced cork tackboard required. Drawings should include dimensioned elevations and show all anchors, grounds, accessories, layout and installation details.
- B. Product Data: Provide technical data for materials specified. Include Material Safety Data Sheets, when applicable.
- C. Samples and color charts: Provide representative samples of face, core, backing and trim material to illustrate finish, color and texture, as required.
- D. Manufacturer's Instructions: Provide Manufacturer's installation instructions.

##### 1.04 QUALITY ASSURANCE

- A. Provide all items in this section as manufactured by: Newline Products, Inc. (NPI), Plano, Texas 75074, Phone: (972) 881-3318, e-mail: info@newlineproduct.com.
- B. Regulatory Requirements: Conform to applicable code for flame/smoke rating in cork tackboards and vinyl-fabric-faced cork tackboards, and colored cork tackboards in accordance with ASTM-E 84.
- C. Operation and Maintenance: Provide Manufacturer's instructions regarding regular cleaning, stain removal, and relevant precautions.
- D. Provide all porcelain enamel markerboards and chalkboards with a factory-installed protective covering designed to be removed after successful installation.

##### 1.05 DELIVERY AND STORAGE

- A. Delivery: Deliver materials in original, unopened, undamaged containers with identification labels intact.
- B. Storage: Store materials upright and in a way to ensure protection from exposure to harmful weather conditions.

##### 1.06

## WARRANTY

- A. Provide a written warranty that states the porcelain enamel markerboard or chalkboard writing surface is guaranteed the life of the building in which it is originally installed, provided the Manufacturer's instructions for handling, installation, protection, and maintenance are followed. The warranty covers markerboards and chalkboards that do not retain their original writing or erasing qualities, or exhibit crazing, cracking, flaking or staining. The warranty covers replacement of defective markerboards and chalkboards but does not cover the costs associated with the removal of defective markerboards and chalkboards or the reinstallation of replacement markerboards and chalkboards.
- B. Provide a written warranty that states the natural cork tackboards, vinyl-fabric-faced cork tackboards, and colored cork tackboards are guaranteed for one year against defects in materials and/or workmanship, provided the Manufacturer's instructions for handling, installation, protection, and maintenance are followed. The warranty covers replacement of defective tackboards but does not cover the costs associated with the removal of defective tackboards or the reinstallation of replacement tackboards.

## PART 2 - PRODUCTS

### 2.01 MANUFACTURERS

- A. Horizontal Sliding Markerboards / Chalkboards Manufacturer: Newline Products, Inc. (NPI).
  1. Contact: Newline Products, Inc. (NPI) 2901 Technology Drive, Suite 135, Plano, Texas 75074; Telephone: (972) 881-3318; Fax: (972) 881-0985; E-mail: info@newlineproduct.com.

### 2.02 MATERIALS

- A. Horizontal Sliding Markerboards / Chalkboards:
  1. Trim and all panel edging are heavy-gauge extruded aluminum with satin anodize finish (Color Anodize and Powder Coat finishes are optional.)
  2. Corners are reinforced with angles to strengthen frame.
  3. Max. height of panel - up to 4'0"
  4. Standard lengths - 6', 8', 10', 12', 14', 16', 20', 24'
  5. Two, three, or four sliding panels on 2, 3, or 4 tracks
  6. Panels are 1/2" thick, and are top-suspended and glide easily over aluminum track on molded nylon rollers.
  7. Writing Surface Options Porcelain Enamel Steel Markerboard, Porcelain Enamel Steel Chalkboard
  8. Series: (Specify series from manufacturer's standard units - two-track; three-track; four-track; or component parts.) Sliding Panels and/or Back Panel - Writing surface: (Specify 24 gauge steel Markerboard or 24 gauge steel Chalkboard)
  9. Sizes: (Specify panel length and height. Standard height - 4 feet. Standard length is up to 24 feet)
  10. Typical Arrangements: (Specify type and color of back panel, if required, and number, type and color of sliding panels. Select from manufacturer's standards.)

### 2.03 FABRICATION

- A. Assembly: Provide factory-assembled horizontal sliding markerboards / chalkboards units, unless field-assembled units are required.

## PART 3 - EXECUTION

### 3.01 EXAMINATION

- A. Prior to accomplishing installation, verify that interior moisture and temperature approximate normal occupied conditions.
- B. Verify that wall surfaces are properly prepared and free of dirt, scaling paint, and projections or depressions that would affect the smooth, finished surfaces of markerboards.
- C. Do not proceed with installation until all unsatisfactory conditions have been corrected.

### **3.02 INSTALLATION**

- A. Deliver factory built units completely assembled and of dimensions shown in Manufacturer's shop drawings as approved by Architect. Provide all mounting materials and accessories necessary for complete installation.
- B. Follow Manufacturer's instructions for storage and handling of units.
- C. Install boards level and plumb, keeping perimeter trim straight in accordance with Manufacturer's instructions.

### **3.03 ADJUSTING AND CLEANING**

- A. Verify all accessories have been properly installed and are operating properly.
- B. Clean surfaces and trim in accordance with Manufacturer's recommendations, leaving all boards ready for use.

**END OF SECTION 10100**