SECTION 10 1113
FIXED CHALKBOARDS

PART 1 - GENERAL

1.1 SUMMARY

A. Products Installed But Not Supplied Under This Section:
   1. Chalkboards and specified hardware: Visual Display Board Type 1.

B. Related Sections:
   1. Section 01 6000: Owner will furnish Chalkboards. PART 2 of this Section establishes quality of materials for information of Contractor, Architect, and Owner's Representatives.
   2. Section 06 1100: Blocking.

1.2 REFERENCES

A. Porcelain Enamel Institute:
   1. PEI S-104.

1.3 SUBMITTALS

A. Product Data:
   1. Manufacturer's literature or cut sheet.
   3. Color selections.

B. Quality Assurance / Control: Manufacturer's published installation instructions.

1.4 WARRANTY

A. Manufacturer's standard five-year warranty against faulty workmanship and materials.

PART 2 - PRODUCTS

2.1 COMPONENTS

A. Chalkboard:
   1. Face shall be steel, 28 ga 0.4 mm minimum, coated two sides with fused ground coat, and finished one side with vitreous porcelain enamel designed for use with chalk. Coating shall meet requirements of PEI S-104.
   2. Core shall be mat-formed particleboard.
      a. 3/8 inch 10 mm thick medium-density or
      b. 1/2 inch 12 mm thick low-density minimum.
   3. Backing shall be 0.005 inch 0.13 mm minimum aluminum foil.
   4. Color: Dark Gray
   5. Trim:
      a. Extruded 6063-T5 alloy aluminum with satin etched, natural aluminum anodized finish.
      b. Extrusions shall match thickness of units without wedging.
      c. Round all sharp edges.
      d. 2 inch 50 mm high map rail.
6. Map Clips:
   a. Manufacturer’s standard.
   b. Provide map clips on chalkboards as follows:
      1) 60 Inches 1 500 mm And Shorter: Two clips
      2) Over 60 Inches 1 500 mm: Four clips

7. Mounting Hardware: Suitable for wall conditions

8. Category Two Approved Manufacturer. See Section 01 6000 for definitions of Categories.
   a. ADP Lemco Corporation, West Jordan, UT www.adplemco.com

2.2 FABRICATION

A. Prefabricate units at factory and ship to Project site in one piece, except for chalktrays. Units shall be of first quality and lamination done by approved standards of industry. Furnish printed cleaning instructions with each shipment.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Mount boards square and level. Shim as necessary to provide permanent installation and smooth operation. Anchor boards securely to wall following Manufacturer’s written installation instructions. Anchor concealed hangers with screws at 24 inches on center.

B. Mounting fasteners shall penetrate framing lumber or blocking 1-1/2 inch 38 mm minimum. Use toggle bolts or expansion bolts in masonry walls.

C. After attaching map clips, apply permanently attached end cap or screw to prevent removal of map clips.

END OF SECTION