

SECTION 10 11 00
VISUAL DISPLAY UNITS

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes:
 - 1. Whiteboards.
 - 2. Horizontal Sliding Whiteboards.
 - 3. Tackable Wall panels.

- B. Related Sections:
 - 1. [_____].

1.02 REFERENCE STANDARDS

- A. [ASTM International:]
 - 1. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. [Coordination:]

- B. [Preinstallation Meeting:]

- C. [Sequencing:]

- D. [Scheduling:]

1.04 [SUSTAINABLE CHARACTERISTICS]

- A. Section 01 35 63 - Sustainability Project Requirements: Requirements for sustainable design compliance.

- B. Materials and Resources Characteristics:
 - 1. [Recycled Content Materials: Furnish materials with maximum available recycled content including:
SPEC NOTE *List materials specified in this section required to have recycled content.*
 - a. [_____].
 - 2. [Regional Materials: Furnish materials extracted, processed, and manufactured within 500 miles of Project site.]
SPEC NOTE *List materials specified in this section required to be regional materials.*
 - a. [_____].

1.05 SUBMITTALS

- A. See Section 01 33 00 - Submittal Procedures, for submittal procedures.

- B. Product Data. Manufacturer's complete product data to include physical characteristics, durability, fade resistances, flame resistance characteristics, installation recommendations, and maintenance data.

- C. Shop Drawings: Show locations, sizes, frame section, and installation details
- D. Samples:
 - 1. [Whiteboard Surface] and Frame]: Minimum 8-1/2 by 11 inch to show construction and samples of surface for verification of surface color.]
 - 2. [Tackable Surface] and Frame]: Minimum 8-1/2 by 11 inch to show construction and samples of surface for verification [of surface color.]
 - 3. Other Samples only as requested.
- E. Certification: Manufacturer's written certification that materials provided comply with Specifications requirements

1.06 [SUSTAINABLE DESIGN SUBMITTALS]

- A. Section 01 35 63 - Sustainability Project Requirements: Requirements for sustainable design submittals.
- B. Manufacturer's Certificate: Certify products meet or exceed specified sustainable design requirements.
 - 1. Materials Resources Certificates:
 - a. Certify source and origin for [salvaged] [and] [reused] products.
 - b. Certify recycled material content for recycled content products.
 - c. Certify source for regional materials and distance from Project site.
- C. Product Cost Data: Submit cost of products to verify compliance with Project sustainable design requirements. Exclude cost of labor and equipment to install products.
 - 1. Provide cost data for the following products:
 - a. [Salvage products.]
 - b. [Reused products.]
 - c. Products with recycled material content.
 - d. Regional products.

1.07 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.

1.08 DELIVERY, STORAGE, AND HANDLING

- A. Identify type, size, and location of each board before site delivery in way not to damage finish.
- B. Store delivered products in clean, safe, dry area.

1.09 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

PART 2 PRODUCTS

2.01 WHITEBOARDS

- A. Description:
 - 1. Writing Surface: Consists of a specially formulated glass substance fused to 28 gauge steel. A porcelain enamel color cover-coat is applied to the ground-coat, then fused with

- a second firing operation to provide a glass hard, smooth surface that is non-porous, non-absorbent and acid resistant. Accepts all magnetic accessories
 2. Size: 24 inches wide by 18 inches high by 1 inch deep.
 3. Accessories: Aluminum pen rail 22 inches long, four dry-erase marking pens, and one eraser for each white board furnished.
 4. Frame Material: Aluminum.
 5. Frame Finish: Clear anodized aluminum.
 6. Provide all mounting accessories for a finished wall mounted product.
- B. Product: Peter Pepper Products' "MiniMint Wall Mounted Writing Surface, Model MM-LBM 2418"; or equal.

2.02 TACKABLE WALL PANELS

- A. Description:
1. Construction: Apply fabric to face of tackable panel and return to back for full finished edges, fully tailor all corners.
 2. Size: 12 inches wide by 12 inches high by 1 inch deep.
 3. Fabric:
 - a. Fire Performance Characteristics: Meet ASTM E84 by UL tests:
 - 1) Flame Spread: 25 or less.
 - 2) Smoke Development: 450 or less
 - b. Manufacturer: Gilford of Maine; or equal.
 - c. Style and Color: As selected by University's Representative
 4. Frame Material: Aluminum.
 5. Frame Finish: Clear anodized aluminum.
 6. Provide all mounting accessories for a finished wall mounted product.
- B. Product: Peter Pepper Products' "Tactics Fabric Tackable Board, Model FB-1212 Frame #3"; or equal.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine surfaces to receive visual display surfaces and systems and verify that:
1. Field measurements are as recommended by the manufacturer.
 2. Internal wall blocking is ready to receive work and positioning dimensions are as indicated on reviewed Shop Drawings.
 3. Surfaces are true and free from foreign matter and projections.
 4. Finishes have been applied to receiving surfaces.
 5. Backing is adequate.
- B. Do not begin work until unsatisfactory conditions have been corrected.

3.02 INSTALLATION

- A. Install panels in strict accordance with the manufacturer's recommendations.
- B. Ensure edges are plumb and vertical, and joints are hairline tight.
- C. Attach securely through finish wall to rigid backing.
- D. Butt Joints: Install with tight hairline joints.

3.03 CLEANING

- A. After completion of installation of visual display surfaces and systems clean all surfaces with a cleaner or detergent as recommended by the manufacturer of the units. Replace all materials damaged during installation
- B. Cover with protective cover, taped to frame.

END OF SECTION