

SECTION 101100
VISUAL DISPLAY UNITS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Tackboards.

1.02 REFERENCE STANDARDS

- A. ANSI A135.4 - Basic Hardboard; 2012 (Reaffirmed 2020).
- B. ASTM C208 - Standard Specification for Cellulosic Fiber Insulating Board; 2022.
- C. ASTM F793/F793M - Standard Classification of Wall Coverings and Ceiling Coverings by Use Characteristics; 2025.

1.03 SUBMITTALS

- A. Product Data: Submit construction details, descriptions of materials, dimensions of each component and profile, finishes, and accessories for all visual display units.
- B. Shop Drawings: Indicate plans, wall elevations, dimensions, joint locations.
 - 1. Indicate panel joint locations, including field-assembled joints for factory units exceeding shipping size, if applicable.
- C. Color Samples: Color charts for selection of color and texture of tackboard.
- D. Samples: Two, 10" by 10" inches (254 by 254mm) in size illustrating materials and finish, color and texture of tackboard.
- E. Manufacturer's printed installation instructions.
- F. Manufacturer's Qualification Statement.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum 20 years documented experience.

1.05 WARRANTY

- A. Provide five year warranty for tackboard to include warranty against discoloration due to cleaning, crazing or cracking, and staining.
- B. The warranty excludes labor and any additional material expenses related to the removal or reinstallation of tackboards.

- C. When properly installed per manufacturer instructions, Tackboards are warranted for one year against workmanship defects. This warranty excludes damage from misuse, vandalism, or improper handling and covers only material replacement, not removal or reinstallation costs.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. **Visual Display Units**

1. Nelson Adams NACO.
2. Address: 420 S E st, San Bernardino, CA, 92401.
3. P. (877) 810-4080.
4. Web Page: <https://www.nelsonadamsnaco.com>

2.02 TACKBOARDS.

A. **Tackboards:** Vinyl or Fabric on Natural Cork and MDF.

1. **Material Facing:** [Vinyl][Fabric]
2. **Options Available:**
 - a. Koroseal - Vinyl
 - b. Carnegie Xorel - Fabric
 - c. Guildford of Maine - Fabric
 - d. Maharam - Vinyl
3. **Color and Pattern:** As selected from manufacturer's full range.
4. **Core:** [1/4" Inch (6 mm) Natural Cork on 1/4" Inch (6 mm) MDF]
 - a. **Alternate cores:**
 - 1) 1/4" Inch (6 mm) Natural Cork on 1/4" Inch (6 mm) Hardboard
 - 2) 1/4" Inch (6 mm) Natural Cork on 1/4" Inch (6 mm) MDF
 - 3) 1/2" Inch (12.7 mm) Fiberboard

B. **Tackboards:** Forbo Bulletin Board

1. **Options:** [1/4" Inch (6 mm) Forbo on 1/4" (6 mm) Inch MDF]
 - a. **Alternate Options:**
 - 1) 1/4" Inch (6 mm) Forbo on 1/4" (6 mm) Inch MDF
 - 2) 1/4" Inch (6 mm) Forbo on 1/4" Inch (6 mm) Hardboard
 - b. **Color:** As indicated on drawings.

C. **Dimensions and Frame Information:**

1. **Height:** As indicated on drawings.
2. **Length:** As indicated on drawings.
3. **Frame:** Extruded aluminum .
4. **Frame Profile:** As indicated on drawings.
5. **Frame Finish:** [Anodized, natural][Powder Coating]

2.03 MATERIALS

- A. Vinyl-Coated Fabric: ASTM F793 Category VI.

- B. Forbo Bulletin Board: self-healing linoleum surface made from natural materials including linseed oil, resins, cork, and pigments.
- C. Hardboard for Cores: ANSI A135.4, Class 1 - Tempered, S2S (smooth two sides).
- D. Fiber Board: ASTM C208, cellulosic fiber board.
- E. Adhesives: Type used by manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that field measurements are as indicated.
- B. Verify that internal wall blocking is ready to receive work and positioning dimensions are as indicated on shop drawings.

3.02 PREPARATION

- A. Remove switchplates, wall plates, and surface-mounted fixtures where tackable wall paneling is applied. Reinstall items on completion of installation. [**By Others**]
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions. [**By Others**]

3.03 INSTALLATION

- A. Install boards in accordance with manufacturer's instructions.
- B. Secure units level and plumb.

3.04 CLEANING

- A. Clean board surfaces in accordance with manufacturer's instructions.
- B. Cover with protective cover, taped to frame.
- C. Remove temporary protective cover at Date of Substantial Completion.

END OF SECTION