

SECTION 101100
VISUAL DISPLAY UNITS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Tackstrips.

1.02 REFERENCE STANDARDS

- A. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2024.
- B. ASTM F793/F793M - Standard Classification of Wall Coverings and Ceiling Coverings by Use Characteristics; 2025.

1.03 SUBMITTALS

- A. Product Data: Provide manufacturer's data on Tackstrips. Include Material Safety Data Sheets when applicable.
- B. Shop Drawings: Submit shop drawings for each type of visual display board as specified, including sectional details, trim, face and core materials, dimensions, joint locations, and any
- C. Color Samples: Provide a complete set of color swatches showcasing the manufacturer's full
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- D. Product Samples: Two, [1" by 10"] inches [25.4 by 254] mm in size illustrating materials finish, color and texture of tackstrips surfaces.and
- E. Manufacturer's printed installation instructions.

1.04 QUALITY ASSURANCE

1.05 WARRANTY

- A. Provide the manufacturer's standard five-year warranty for workmanship, confirming that, with proper usage, maintenance, and installation according to the manufacturer's guidelines, the tackstrips are guaranteed for five-year from the date of substantial completion.
- B. When properly installed per manufacturer instructions, Tackstrips are warranted for one year against material and 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 DISPLAY RAILS

A. Tackstrips: Fabric or Vinyl laminated to cork.

1. **Cork Thickness:** [1/4" inch (6 mm)].
2. **Material Facing:** [Vinyl][Fabric].
 - a. **Multiple Options Available:**
 - 1) Koroseal - Vinyl
 - 2) Carnegie Xorel - Fabric
 - 3) Guildford of Maine - Fabric
 - 4) Maharam - Vinyl
3. **Color:** As selected from manufacturer's full range.

B. Tackstrips: Forbo Bulletin.

1. **Forbo Bulletin Thickness:** [1/4" Inch (6 mm)].
2. **Color:** As indicated on drawings.

C. General Dimension and Frame Information:

1. **Surface Burning Characteristics:** Flame spread index of 50, maximum, and smoke developed index of ___, maximum, when tested in accordance with ASTM E84.
2. **Height:** [1" inches (25.4 mm)][2" inches (50.8 mm)].
3. **Length:** As indicated on drawings.
4. **Frame and End Stops:** Extruded aluminum, with concealed fasteners.
5. **Frame Profile:** As indicated on drawings.
6. **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.

2.04 ACCESSORIES

- A. Map Rail: Extruded aluminum, manufacturer's standard profile, with cork insert and runners for accessories; 1 inch wide overall (; 25 mm wide overall) and 2" inch (50 mm) , full width of frame.
- B. Flag Holders: Cast aluminum bored to receive 1 inch (25 mm) and 2" inch (50 mm) diameter flag staff, bracketed to fit top rail of board.

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. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.03 INSTALLATION

- A. Install Tackstrips in accordance with manufacturer's instructions.
- B. Secure units level and plumb.
- C. Mounting Method: Concealed.

3.04 CLEANING

- A. Clean board surfaces in accordance with manufacturer's instructions.

END OF SECTION