

## SECTION 10100

### VISUAL DISPLAY BOARDS – DISPLAY CASES

#### PART 1 - GENERAL

##### 1.01 DESCRIPTION OF WORK

- A. Section Includes:
  - 1. Surface-mounted Display Cases
  - 2. Recessed Display Cases

##### 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 display case required. Drawings should include dimensioned elevations and show all anchors, 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, 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.

##### 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 display cases 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 display cases but does not cover the costs associated with the removal of defective display cases or the reinstallation of replacement display cases.

## **PART 2 - PRODUCTS**

### **2.01 MANUFACTURERS**

- A. Surface-mounted and/or Recessed Display Case 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. Surface-mounted and/or Recessed Display Case:
  1. Subject to customer specification, provide natural cork, vinyl-faced cork, or colored cork tackable back panel.
  2. Housing: Perimeter housing constructed of 1.5" x 2" extruded aluminum tubing with a satin clear anodized finish.
  3. Glass Doors: Glass doors are constructed of 3/16" tempered safety glass, subject to customer specifications. Either sliding doors or hinged doors are available, subject to customer specification.
  4. Aluminum Trim: Trim shall be heavy gauge extruded 6063/T5 aluminum and shall meet or exceed ASTM B221 Alloy Standards. Finish shall be satin clear anodized.
  5. Glass Shelving: Provide three, adjustable glass shelves with brackets enabling attachment to vertical standards.
  4. Lock: Provide sliding, ratchet-type lock, subject to customer specification.
  5. Header Panel: (Optional, subject to customer specification) Provide 6" translucent plexiglass header panel.
  6. Lighting: (Optional, subject to customer specification) Provide concealed, top-mounted fluorescent-strip lighting fixtures.
  7. Wood Box: (Optional on recessed display cases, subject to customer specification) Provide light-colored wood grain, low pressure laminate

material. Depth of wood box, up to 24 inches, subject to customer specification.

## **2.03 FABRICATION**

- A. Assembly: Provide factory-assembled display cases constructed to the requirements documented in the submittals and/or shop drawings.

## **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 or openings are properly prepared to receive display cases.
- 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 units level and plumb, 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 all glass surfaces, back and side panels, and trim in accordance with Manufacturer's recommendations, leaving all boards ready for use.

## **END OF SECTION 10100**

## SECTION 10100

### VISUAL DISPLAY BOARDS – BULLETIN BOARDS

#### PART 1 - GENERAL

##### 1.02 DESCRIPTION OF WORK

- A. Section Includes:
  - 1. Bulletin Boards

##### 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 bulletin board required. Drawings should include dimensioned elevations and show all anchors, 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, vinyl-fabric-faced cork tackboards, and colored cork tackboards in accordance with ASTM-E 84.
- D. Operation and Maintenance: Provide Manufacturer's instructions regarding regular cleaning, stain removal, and relevant precautions.

##### 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**

- B. Provide a written warranty that states the bulletin boards 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 bulletin boards but does not cover the costs associated with the removal of defective bulletin boards or the reinstallation of replacement bulletin boards.

## **PART 2 - PRODUCTS**

### **2.01 MANUFACTURERS**

- B. Bulletin Board 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.

### **2.04 MATERIALS**

- B. Bulletin Board:
  - 1. Subject to customer specification, provide natural cork, vinyl-faced cork, or colored cork tackable back panel.
  - 3. Housing: Perimeter housing constructed of 3" extruded aluminum trim.
  - 6. Glass Doors: Glass doors are constructed of 3/16" tempered safety glass, subject to customer specifications. Sliding doors and hinged doors available, subject to customer specification. Number of doors depends on size of bulletin board.
  - 7. Aluminum Trim: Trim shall be heavy gauge extruded 6063/T5 aluminum and shall meet or exceed ASTM B221 Alloy Standards. Finish shall be satin clear anodized (colored anodized trim and powder coated trim available).
  - 8. Lock: Provide sliding, ratchet-type lock, subject to customer specification.

### **2.05 FABRICATION**

- B. Assembly: Provide factory-assembled bulletin boards constructed to the requirements documented in the submittals and/or shop drawings.

## **PART 3 - EXECUTION**

### **3.01 EXAMINATION**

- D. Prior to accomplishing installation, verify that interior moisture and temperature approximate normal occupied conditions.
- E. Verify that wall surfaces are properly prepared to receive bulletin boards.
- F. 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 units level and plumb, in accordance with Manufacturer's instructions.

### **3.03 ADJUSTING AND CLEANING**

- C. Verify all accessories have been properly installed and are operating properly.
- D. Clean all glass surfaces, back and side panels, and trim in accordance with Manufacturer's recommendations, leaving all boards ready for use.

**END OF SECTION 10100**