

**SECTION 122113**  
**HORIZONTAL LOUVER BLINDS**

**PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Horizontal slat louver blinds.
- B. Operating hardware.

**1.02 RELATED REQUIREMENTS**

- A. Section 061000 - Rough Carpentry: Concealed wood blocking for attachment of headrail brackets.

**1.03 REFERENCE STANDARDS**

- A. WCMA A100.1 - Safety of Corded Window Covering Products; Window Covering Manufacturers Association; 2010. (ANSI/WCMA A101.1)

**1.04 ADMINISTRATIVE REQUIREMENTS**

- A. Coordinate the placement of concealed blocking to support blinds.

**1.05 SUBMITTALS**

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data indicating physical and dimensional characteristics.
- C. Shop Drawings: Indicate opening sizes, tolerances required, method of attachment, clearances, and operation.
- D. Samples: Submit two samples, 24 inch long illustrating slat materials and finish, color, cord type and color.
- E. Manufacturer's Installation Instructions: Indicate special procedures.
- F. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
  - 1. See Section 016000 - Product Requirements, for additional provisions.
  - 2. Extra Blind Assemblies: One of each size.
  - 3. Extra Slats: 20 of each type and size.
  - 4. Extra Lift Cords, Control Cords, and Wands: One of each type.

**1.06 QUALITY ASSURANCE**

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

**1.07 WARRANTY**

- A. Installation: One year from date of Substantial Completion.

**PART 2 PRODUCTS****2.01 MANUFACTURERS**

- A. Horizontal Louver Blinds:
  - 1. Hunter Douglas; Product LightLine: [www.hunterdouglas.com](http://www.hunterdouglas.com).
  - 2. Substitutions: See Section 016000 - Product Requirements.

**2.02 BLINDS AND BLIND COMPONENTS**

- A. Blinds: Horizontal slat louvers hung from full-width headrail with full-width bottom rail; manual control of raising and lowering by cord with full range locking; blade angle adjustable by control wand; complying with WCMA A100.1.

Alternate specification provided post bidding, at Owners request

- B. Metal Slats: Spring tempered pre-finished aluminum; radiused slat corners, with manufacturing burrs removed.
  - 1. Width: 1 inch.
  - 2. Thickness: 0.008 inch minimum.
  - 3. Color: As selected.
- C. Slat Support: Woven polypropylene cord, ladder configuration.
- D. Head Rail: Pre-finished, formed aluminum box, with end caps; internally fitted with hardware, pulleys, and bearings for operation; same depth as width of slats
  - 1. Height: 3 inches.
  - 2. Color: Same as slats .
  - 3. Snap off fascia.
- E. Bottom Rail: Pre-finished, formed aluminum with top side shaped to match slat curvature; with end caps. Color: Same as headrail.
- F. Lift Cord: Braided nylon; continuous loop.
  - 1. Free end looped through wall mounted spring tensioned pulley.
  - 2. Color: As selected.
  - 3. Slat routing: Off center, to rear.
- G. Control Wand: Extruded aluminum; hexagonal shape.
  - 1. Removable type.
  - 2. Length of window opening height less 3 inches.
  - 3. Color: clear .
- H. Headrail Attachment: Wall brackets.
- I. Accessory Hardware: Type recommended by blind manufacturer.

### **2.03 FABRICATION**

- A. Determine sizes by field measurement.
- B. Fabricate blinds to fit within openings with uniform edge clearance of 1/8 inch.
- C. Fabricate blinds to cover window frames completely.
- D. At openings requiring multiple blind units, provide separate blind assemblies with space of 1/8 inch between blinds, located at window mullion centers.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verify that openings are ready to receive the work.
- B. Ensure structural blocking and supports are correctly placed.

### **3.02 INSTALLATION**

- A. Install blinds in accordance with manufacturer's instructions.
- B. Secure in place with flush countersunk fasteners.

### **3.03 INSTALLATION TOLERANCES**

- A. Maximum Variation of Gap at Window Opening Perimeter: 1/4 inch.
- B. Maximum Offset From Level: 1/8 inch.

### **3.04 ADJUSTING**

- A. Adjust blinds for smooth operation.

**3.05 CLEANING**

- A. Clean blind surfaces just prior to occupancy.

**END OF SECTION**

