
SECTION 12 21 13 - HORIZONTAL LOUVER BLINDS**PART 1 GENERAL****1.1 SECTION INCLUDES**

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

1.2 REFERENCE STANDARDS

- A. WCMA A100.1 - Safety of Window Covering Products; 2018.

1.3 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data indicating physical and dimensional characteristics and operating features.
- C. Shop Drawings: Indicate opening sizes, tolerances required, method of attachment, clearances, and operation.
- D. Samples: Submit two samples, 18 inch long illustrating slat materials and finish, cord type and color.

1.4 PROJECT CONDITIONS

- A. Coordinate the work with window installation and placement of concealed blocking to support blinds.
- B. Store, handle, protect and install absorptive materials, including fabrics materials, in accordance with the Construction IAQ Management Plan required by Division 1 specifications.
- C. Take field measurements to determine sizes required.

PART 2 PRODUCTS**2.1 MANUFACTURERS**

- A. Hunter Douglas; Model CD80: www.hunterdouglas.com.
- B. Levolor Contract; Riviera Classic DustGuard 1-inch Blind: www.levolorcontract.com/#sle.
- C. SWFcontract, a division of Spring Window Fashions, LLC.; Bali Classic Custom Mini Blind Series 3000: www.swfcontract.com/#sle.

2.2 BLINDS

- A. Description: Horizontal slat louvers hung from full-width headrail with full-width bottom rail.
- B. 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.
- C. Metal Slats: Spring tempered pre-finished aluminum; square slat corners, with manufacturing burrs removed.
 - 1. Width: 1 inch.
 - 2. Thickness: 0.008 inch.
 - 3. Color: As selected from manufacturers full range of colors.
- D. Slat Support: Woven polypropylene cord, ladder configuration.

- E. 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.
- F. Bottom Rail: Pre-finished, formed aluminum with top side shaped to match slat curvature; with end caps. Color: Same as headrail.
- G. Control Wand: Extruded solid plastic; hexagonal shape.
 - 1. Non-removable type.
 - 2. Length of window opening height less 3 inches.
 - 3. Color: Clear.
- H. Headrail Attachment: Wall brackets.

2.3 FABRICATION

- A. Fabricate blinds to fit within openings with uniform edge clearance of 3/8 inch.
- B. At openings requiring multiple blind units, provide separate blind assemblies with space of 1/4 inch between blinds, located at window mullion centers.

PART 3 EXECUTION

3.1 INSTALLATION

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

3.2 TOLERANCES

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

3.3 ADJUSTING

- A. Adjust blinds for smooth operation.

3.4 CLEANING

- A. Clean blind surfaces just prior to occupancy.

END OF SECTION