

SECTION 122113 - HORIZONTAL LOUVER BLINDS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Horizontal blinds.

1.2 SUBMITTALS

- A. Product Data: For horizontal blinds. Include styles, material descriptions, construction details, dimensions of individual components and profiles, features, finishes, and operating instructions.

B. Samples: For the following:

1. Louver Slats: Not less than 12 inches long.

1.3 QUALITY ASSURANCE

- A. Fire-Test-Response Characteristics: Provide horizontal louver blinds with the fire-test-response characteristics indicated, as determined by testing identical products per test method indicated below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction:

1. Flame-Resistance Ratings: Passes NFPA 701.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Horizontal Louver Blinds, Aluminum Louver Slats:
 - a. Hunter Douglas Window Fashions.
 - b. Springs Window Fashions Division, Inc.; Bali.
 - c. Springs Window Fashions Division, Inc.; Graber.

2.2 HORIZONTAL LOUVER BLINDS, ALUMINUM LOUVER SLATS

A. Location: **Identified by the Architect.**

~~1. Provide horizontal louver blinds for the following Rooms: 102, 102C, 102D, and 108.~~

B. Louver Slats: Aluminum, alloy and temper recommended by producer for type of use and finish indicated; with crowned profile and radius corners.

1. Nominal Slat Width: 1 inch.
2. Nominal Slat Thickness: 8 gauge.
3. Slat Finish: Manufacturer's antistatic, dust-repellent, baked polyester finish.
 - a. Color: White.

C. Headrail/Valance: Decorative, integrated headrail/valance not requiring a separate valance or end brackets for finished appearance; formed steel or extruded aluminum; long edges returned or rolled; fully enclosing operating mechanisms on three sides and ends; capacity for one blind per headrail, unless otherwise indicated in a window treatment schedule.

1. Finish Color: To be selected by the Architect from manufacturer's full range.

D. Bottom Rail: Formed-steel or extruded-aluminum tube, sealed with plastic or metal capped ends bottom contoured for minimizing light gaps; with enclosed and protected ladders and tapes to prevent their contact with sill.

E. Tilt Control: Consisting of enclosed worm gear mechanism and linkage rod, for the following operation:

1. Tilt Operation: Manual with clear plastic wand.
2. Length of Tilt Control: Full length of blind.
3. Tilt: Full.
4. Manual Lift-Operator and Tilt-Operator Lengths: Full length of blind when blind is fully closed.

F. Ladders: Evenly spaced to prevent long-term louver sag.

1. Type: Braided string.

G. Mounting: Wall or jamb mount as indicated; mounting to permit easy removal and replacement without damaging blind or adjacent surfaces and finishes; with spacers and shims required for blind placement and alignment indicated.

1. Provide intermediate support brackets if end support spacing exceeds spacing recommended by manufacturer for weight and size of blind.

H. Hold-Down Brackets and Hooks or Pins: Manufacturer's standard, as indicated.

- I. Side Channels and Perimeter Seals: Manufacturer's standard for eliminating light gaps when blinds are closed.
- J. Colors, Textures, Patterns, and Gloss: As selected by Architect from manufacturer's full range.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, operational clearances, and other conditions affecting performance.
 - 1. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General: Install blinds level and plumb and aligned with adjacent units according to manufacturer's written instructions.
 - 1. Install mounting and intermediate brackets to prevent deflection of headrails.
 - 2. Install with clearances that prevent interference with adjacent blinds, adjacent construction, and operating hardware of glazed openings, other window treatments, and similar building components and furnishings.

3.3 ADJUSTING

- A. Adjust horizontal louver blinds to operate free of binding or malfunction through full operating ranges.

3.4 CLEANING AND PROTECTION

- A. Clean horizontal louver blind surfaces after installation according to manufacturer's written instructions.
- B. Provide final protection and maintain conditions in a manner acceptable to manufacturer and Installer and that ensures that horizontal louver blinds are without damage or deterioration at time of Substantial Completion.
- C. Replace damaged horizontal louver blinds that cannot be repaired in a manner approved by Architect before time of Substantial Completion.

END OF SECTION 122113