

Riviera 2 Inch Blind Model #RIV2
Top quality 2 inch horizontal aluminum window covering for commercial applications.

Part I - General

1.01 Scope

A. Furnish and install LEVOLOR blinds, provided by LEVOLOR, 1400 Lavon Dr., McKinney, TX 75069, in accordance with specifications, drawings, and contract documents.

B. Related work specified elsewhere.

1.02 Quality Assurance

A. Installer's qualifications:

1. The installer shall be a firm approved by LEVOLOR Commercial.

2. The installer shall be qualified to install the product specified, as demonstrated by prior experience.

1.03 Submittals

A. Product information: Submit Levolor's product literature and installation instructions.

B. Shop drawings: Indicate field-measured dimensions of opening which are to receive blinds, details on mounting surface and sill conditions, and details of corners and conditions between adjacent blinds.

C. Color samples: Submit a sample of each type and color of material specified.

1.04 Delivery, Storage, and Handling

A. Packing and Shipping

1. Materials shall be delivered to the project in Levolor's original unopened packaging with labels intact.

2. Stacks shall be covered with tarpaulins or plastic so that ventilation is provided for, and so that contaminants are prevented from contacting surfaces.

B. Storage

1. Materials shall be stored in a clean area which is free of corrosive fumes, dust, and away from construction activities.

2. Materials shall be stacked horizontally using plastic or wood shims so that drainage and ventilation are provided for, and so that water cannot accumulate in, about or upon the containers.

1.05 Project/Site Conditions (Before Product Installation Begins)

A. Roof must be tight, windows and frames installed and glazed, and interior doors hung.

B. Wet work including concrete, masonry, plaster, stucco, terrazzo, sheet-rock, spackling, and taping (including sanding) shall be complete and dry.

C. Ceilings, window pockets, electrical, and mechanical work above the product shall be complete.

D. Electrical power (110 volt AC) shall be available for installer's tools within 500 ft. of product installation areas.

1.06 Warranty

A. Limited Lifetime Warranty: LEVOLOR Commercial shall repair or replace for the life of the blind, at its option, without charge, any part found defective in workmanship or material as long as the blind remains in the same window for which it was purchased.

Part II - Products

2.01 Manufacturer and Product Description

A. Acceptable product: Riviera 2 Inch Blind manufactured by Levolor (model #RIV2)

B. Materials:

1. Headrail shall be of .025 inch thick painted, steel, "U" shaped, 2^{5/16} inches high x 2^{1/4} inch wide. All hardware shall be enclosed in the metal headrail.

2. Cord Tilter: For manual tilt with cord, tilter shall be .050 inch thick Tomized steel, with a gear and pulley mechanism to tilt slats to desired angle. The pulley shall have internal ribs to increase cord traction, and an integral brass worm to positively engage gear. Cord fabric to be dyed to Levolor color standard, have a minimum breaking strength of 175lbs., and be of sufficient length equalized to properly control tilt of blind. Cord shall be fitted with two limiting beads to synchronize slat angle.

3. Cord Lock shall be of .042 inch thick Tomized steel and shall be securely attached to headrail. It shall be a crash-proof type with sufficient sensitivity to lock slats at desired height upon release of cords, or by swinging cords toward jamb while lowering slats. A revolving serrated cam shall gently snub all cords to hold the raised slats level at the desired height, increasing its grip for heavier loads.

4. Drum and cradle shall be provided for each ladder.

a. Drums shall be of .031 inch thick Tomized steel and shall have two prongs to anchor both plastic tapes ends.

b. Cradles shall be of .042 inch thick Tomized steel having openings with rolled edges to guide cords and plastic tapes through the bottom of headrail without abrasion. They shall provide bearing support for the tilt rod, thus preventing the weight of the blind from being transferred to the tilter. Cradles shall center drums over ladder openings.

5. Tilt Rod shall be a D-shaped Tomized steel rod with an average cross section of .28 inches designed to achieve minimum torsional deflection.

6. End Braces shall be of .042 inch thick Tomized steel with reinforcing ribs positively fastened to both ends of headrail. End braces shall incorporate a field adjustable tab to ensure secure installation, center blind in window, and prevent lateral movement.

7. Top Brace shall be of .025 inch thick Tomized steel and shall be attached to headrail for added rigidity.

8. Installation Brackets shall be of at least .050 inch thick painted steel with baked-on finish to match headrail. The brackets shall incorporate a rivet-hinged safety locking front cover to permit removal of headrail without lateral movement. Mounting holes shall be located to accommodate overhead, side or face mounting.

9. Intermediate Brackets shall be installed with blinds over 86 inches wide. Brackets shall be U-shaped, .062 inches Tomized steel, with retainer fingers and mounting holes for overhead or face mounting. They shall be evenly spaced at maximum 72 inches apart. Brackets shall be supplied as required.

10. Ladders (slat supports) shall be braided polyester yarn dyed to Levolor color standards. The two vertical components shall be .080 inches x .063 inches designed for maximum flexibility combined with minimum stretch and tensile strength of not less than 70 lbs. per cable. Horizontal components (rungs) shall consist of not less than four cables inter-braided with the vertical components. Ladder shall support the slats without visible distortion. Distance between slats shall not exceed 44mm. Distance between ladders shall not exceed 36 inches. Distance between end ladder and end of slat shall not exceed 7 inches.

11. Slats shall be of 5000 series magnesium aluminum alloy to optimize tensile and yield strength for superior slat strength, resiliency, and corrosion resistance. Slats shall be nominally 2 inches wide and the thickness of the slats shall be nominally .009 inches. Slats shall have a coating thickness of 1.0 mil to 1.5 mil. Slats shall perform to 500 hours of 100% relative humidity testing, 300 hours of 5% salt spray solution at 95 degree F testing, and 250 hours of accelerated weathering testing without blistering, fading, corroding, or adhesive failure. Slat thickness and ladder support distances shall prevent visible sag or bow after continued use indoors.

DustGuard® feature is a permanent, patented paint process that disrupts the natural static attraction of airborne dust particles.

12. Bottomrail shall be of .025 inch thick painted steel formed after coating. Bottomrail shall have two ½ inch parallel ribs running lengthwise to impact rigidity, and shall enclose ends of ladders. Molded plastic end caps shall protect window jamb and sill.

13. Tilt Wand shall be transparent with a hexagonal cross section 5/16 inches across flats.

14. Lift Cord shall be braided of high strength, 1.8mm dia. polyester fiber, 26 picks per inch, 16 carrier smooth braids, and shall be flexible, have minimum stretch, maximum abrasion resistance characteristics, and a minimum breaking strength of 175 lbs. Cord shall be of sufficient length equalized to properly control raising and lowering of blind and spaced not over 36 inches between cords.

15. Color of blind shall be selected from Riviera 2 Inch Blind standard and specialty finishes.

16. Options shall include:

a. Plastic Tapes: Plastic tapes shall be 1 ½ inches wide woven stabilized base fabric with integral vinyl plastic coating and shall have a low gloss finish to Levolor color standard. Vinyl plastic tape rungs shall be pliable, fungus resistant, and shall be permanently attached to vertical components. Distance between center of end tape to end of slat shall not exceed 7 inches, unless otherwise specified for special job condition. Rung spacing shall be approximately 1 ¾ inches o.c.

b. Fabric Tapes: Woven cotton twill tapes shall be 1 ½ inches wide and dyed to Levolor color standard. Fabric rungs shall be permanently sewn to vertical components. Distance between tape centers shall not exceed 36 inches. Distance between center of end tape to end of slat shall not exceed 7 inches, unless otherwise specified for special job condition. Rung spacing shall be approximately 1 ½ inches o.c.

c. Cord Tilter

d. Cutouts

e. C90 Heavy-Duty Cord

f. Extension Brackets

g. Fixed Height Lift Cord

h. Hold-Down Brackets

i. Multi-Colored Striping

j. Multiple Blinds on One Headrail

k. Ring Pull

l. School Blinds includes:

I. Heavy duty cord

II. Cordlock

III. Cradles

IV. Plastic tapes

m. Telescopic or Non-Telescopic Tilter Pole

n. Universal Ring Tilter

Part III - Execution

3.01 Inspection

A. Window treatment subcontractor shall be responsible for inspection of site, field measurements, and approval of mounting surfaces and installation conditions.

B. Subcontractor shall verify that site is free of conditions that interfere with blind installation and operation, and shall begin installation only when any unsatisfactory conditions have been rectified.

3.02 Installation

A. Installation shall comply with Levolor specifications, standards, and procedures.

B. Provide support brackets as per Levolor's installation instructions.

C. See installation instructions packaged with blinds for more installation details.

D. Provide adequate clearance to permit unencumbered operation of blind and hardware.

E. Demonstrate blinds to be in uniform and smooth working order.

3.03 Cleaning

A. Clean soiled blinds with a mild soap solution only. Do not use cleaning methods involving heat, bleach, abrasives, or solvents. Do not use window cleaner or cloths with paper content.

B. Ensure proper drying following cleaning by providing adequate ventilation.

LEVOLOR

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