



Riviera® 2" Blind

Top quality 2" horizontal aluminum window covering for commercial applications.

PART I – GENERAL

1.01 SCOPE

A. Furnish and install Levolor blinds, provided by Levolor, 4110 Premier Drive, High Point, NC 27265, 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.
2. The installer shall be qualified to install the product specified, as demonstrated by prior experience.

B. Job mock-up: (Describe)

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.

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 such that drainage and ventilation are provided for, and such that water cannot accumulate in, about or upon the containers.

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

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, sheetrock, 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 Contract 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" blind manufactured by Levolor (model# RIV2).

B. Materials:

1. Headrail shall be of .025" thick Tomized® steel, "U" shaped, 2 $\frac{1}{8}$ " high x 2 $\frac{1}{4}$ " wide with flanged edges at top, and coated with baked-on finish. All hardware shall be enclosed in the metal headrail.

2. Cord Tilter: For manual tilt with cord, tilter shall be .050" 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 175 lbs., 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" thick Tomized steel and shall be securely attached to headrail. It shall be a crashproof 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" thick Tomized steel and shall have two prongs to anchor both plastic tapes ends.

b. Cradles shall be of .042" 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" designed to achieve minimum torsional deflection.

6. End Braces shall be of .042" 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" thick Tomized steel and shall be attached to headrail for added rigidity.

8. Installation Brackets shall be of a least .050" thick Tomized 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.

PART III – EXECUTION

9. Intermediate Brackets shall be installed with blinds over 86" wide. Brackets shall be U-shaped, .062" Tomized steel, with retainer fingers and mounting holes for overhead or face mounting. They shall be evenly spaced at maximum 72" 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" x .063" 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". Distance between end ladder and end of slat shall not exceed 7".

11. Slats shall be of 5000 series magnesium aluminum alloy, which includes 90% or higher recycled aluminum materials. Aluminum alloy shall be tempered to optimize tensile and yield strength for superior slat strength, resiliency, and corrosion resistance. Slats shall be nominally 2" wide and the thickness of the slats shall be nominally .009". 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, reducing dust build up by 50-70 percent.

12. Bottomrail shall be of .023" thick Tomized steel formed after coating. Bottomrail shall have two 1/2" parallel ribs running lengthwise to impart 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" across flats.

14. Lift Cord shall be braided of high strength, 1.8 mm dia. polyester fiber with a high tenacity polyester core, 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 72" between cords.

15. Color of blind shall be selected from 40 Riviera® standard and specialty finishes.

16. Options shall include:

a. Plastic Tapes: Plastic tapes shall be 1½" 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 tape centers shall not exceed 7", unless otherwise specified for special job condition. Rung spacing shall be approximately 1¾" o.c.

b. Fabric Tapes: Woven cotton twill tapes shall be 1½" wide and dyed to Levolor color standard. Fabric rungs shall be permanently sewn to vertical components. Distance between tape centers shall not exceed 36". Distance between center of end tape to end of slat shall not exceed 7", unless otherwise specified for special job condition. Rung spacing shall be approximately 1½" 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 heavy duty cord, cordlock, cradles, and plastic twill tapes

m. Telescopic or Non-Telescopic Tilter Pole

n. Universal Ring Tilter

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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High Point, NC 27265

Contract Customer Service

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