

## Riviera Contract 1 Inch Blind Model #RIV1C

Competitively positioned 1 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 Contract 1 Inch Blind manufactured by Levolor (model #RIV1C).

**B.** Materials:

1. Headrail shall be of .025 inch thick painted, steel, "U" shaped, 1 inch high x 1 9/16 inches wide with flanged edges at top, and coated with baked on finish. All hardware shall be enclosed in the metal headrail.

2. Guardian Tilter mechanism shall be of a not less than .042 inch thick Tomized steel housing with a self-lubricating nylon, automatically disengaging worm and gear mechanism to provide maximum closure, eliminate overdrive, and prevent strain or damage to blind.

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

4. Cord Lock shall be .042 inches 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.

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

**a.** Drums shall be of .031 inch thick Tomized steel providing secure attachment for both ladder ends.

**b.** Cradles shall be of .042 inch thick Tomized steel having two holes with rolled edges to guide cords through 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.

6. Tilt rod shall be solid D-shaped with an average cross section of .28 inches designed to achieve minimum torsional deflection.

**7.** End Braces shall be of .037 inch thick Tomized steel with reinforcing ribs and field adjustable tabs. End braces shall incorporate a field adjustable tab to ensure secure installation, center blind in window, and prevent lateral movement.

**8.** Installation Brackets shall be of at least .048 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 of .050 inch thick Tomized steel and shall be installed with blinds over 60 inches wide and under 80 inches long, or over 55 inches wide and over 80 inches long. 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 .076 inches x .038 inches designed for maximum flexibility combined with minimum stretch and tensile strength of not less than 50 lbs. per cable. Horizontal components (rungs) shall consist of not less than two cables inter-braided with the vertical components. Ladder shall support the slats without visible distortion. Distance between slats shall not exceed 21.5mm. Distance between ladders shall not exceed 23 inches for blinds up to 80 inches long. For blinds over 80 inches long, distance between ladders shall not be greater than 22 inches. Distance between end ladder and end of slat shall not be 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 1 inch wide and the thickness of the slats shall be nominally 6 gauge. Slats shall have a coating thickness of .8 mil to 1.5 mil. Unperforated slats shall perform for 500 hours of 100% relative humidity testing, 300 hours of 5% salt spray solution at 95 degrees 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.

Features a permanent, patented paint process that disrupts the natural static attraction of airborne dust particles.

**12.** Bottomrail shall be of .023 inch thick painted steel formed after coating and shall be provided with color compatible molded plastic ladder and clear end caps having integral protrusions designed to prevent bottom bar from marring window sill and/or mullions.

**13.** Lift Cord shall be braided of high strength, 1.4mm dia. Polyester fiber, 34 picks per inch, 16 carrier smooth braids, and shall be flexible, have minimum stretch, maximum abrasion resistance characteristics, and a minimum breaking strength of 130 lbs. Cord shall be of sufficient length equalized to properly control raising and lowering of blind and spaced not over 46 inches between cords.

**14.** Options shall include:

- a. Cutouts
- b. Extension Brackets
- c. Hold-down Brackets
- d. Multi-Colored Striping
- e. Multiple Blinds on One Headrail
- f. Pivot Plate
- g. Projection Brackets
- h. Restrictive Cam Tilter
- i. Ring Pull
- j. Telescopic or Non-Telescopic Tilter Pole
- k. Top Lok Cord Lock
- l. Universal Ring Tilter
- m. 2 Slat Framed Vogue Valance

## 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.