LEVOLOR®

GUIDE SPECIFICATIONS

Custom 2" PVC Foam Wood Blind

Model #PLFWOOD2

Value priced wood look blind with Fire Resistant properties

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's Contract Division.

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. One Year Limited Warranty: Levolor Contract shall repair or replace for one year from the date of purchase 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: Custom 2" PVC Foam Wood Blind manufactured by Levolor.

B. Materials:

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

2. Tilt Wand shall be of PVC with a .38" diameter, color coordinating with the slats of the blind.

3. Cord Lock shall be of .032" thick 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 are injection molded thermo plastic or .020 galvanized steel. Drum, in combination with cradles shall provide smooth, noise free operation when blind is tilted.

b. Cradles shall be of injection molded engineering thermoplastic. 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 .030" thick Tomized steel with reinforcing ribs positively fastened to both ends of headrail. End braces shall incorporate a field adjustable tab to insure secure installation, center blind in window, and prevent lateral movement.

7. Installation Brackets shall be of a least .040" 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.

8. Intermediate Brackets shall be installed with blinds over 55 sq ft. Brackets shall be U-shaped, .044" 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.

9. Ladders (slat supports) shall be braided polyester yarn dyed to Levolor color standard. 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 consists 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 44 mm (nominally 6.9 slats per vertical foot). Distance between ladders shall not exceed 12" for blinds up to 80" long. Distance between end ladder and end of slat shall not exceed 5".

10. Slats shall be of UV Stabilized PVC Foam formula that surpass Flame Resistance of Material testing (NFPA 701). The finish on the slat shall have a consistent texture and sheen. Selection shall be from the Levolor 2" PVC Foam sample deck. Maximum slat length is 93" to avoid material deflection. Standard 2" slats are nominally 2" wide. Slat thickness is nominally 1/8". 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.

11. Bottomrail shall be of UV stabilized PVC Foam, nominally 2" wide x 5/8" high and finished to coordinate with slats. Bottomrail shall have protective ladder caps designed to prevent bottom bar from marring window sill and/or mullions.

12. 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 36" between cords.

13. Options shall include:

a. Fabric Tapes: Woven cotton twill tapes shall be 1-1/2" wide and dyed to Levolor color standard. Fabric rungs shall be permanently sewn to vertical components. Distance between tape centers shall not exceed 12". Distance between center of end tape to end of slat shall not exceed 5", unless otherwise specified for special job condition. Distance between slats shall not exceed 44 mm (nominally 6.9 slats per vertical foot).

b. LightMaster™ privacy feature – Patent pending edge route design provides tighter closure, darker rooms, and increased privacy. Slats can be removed for cleaning and easy replacement with accidental breakage. Cord will be 1.4 mm in diameter and will be run up both sides of ladder to provide full support. Distance between ladders shall not exceed 14". Distance between center of end tape to end of slat shall not exceed 5", unless otherwise specified for special job condition

c. Cord Tilter: For manual tilt with cord, tilter shall be zinc die cast, 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 zinc die cast 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.

d. Cutouts
e. Extension Brackets
f. Hold Down Brackets
g. Multiple Blinds on One Headrail
h. Multi-Colored Striping
i. Ring Pull
j. Telescopic or Non-Telescopic Tilter Pole
k. 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. Keep your Levolor PVC Foam blinds looking their best by periodically wiping them with a soft, lightly dampened cloth, dusting mitt, or the round brush attachment from a vacuum cleaner.

Do not use solvents, abrasive solutions, or ultrasonic cleaners and equipment on your Levolor PVC Foam Wood blinds which could cause damage to your blinds. The Warranty does not cover damage caused by cleaning methods that use abrasive solutions or ultrasonic cleaning machines.

LEVOLOR®

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