
TimberBlindMetroShade

1" Horizontal Aluminum Blinds

Professional Series

PART 1 – GENERAL

1.1 SCOPE

- A. SUPPLIER: Furnish and install 1" Horizontal Aluminum Blinds
- B. RELATED WORK SPECIFIED ELSEWHERE:
 - 1) Section 06100: Rough Carpentry
 - 2) Section 08520: Aluminum Windows

1.2 SUBMITTALS

- A. PRODUCT DATA: Manufacturer's descriptive literature shall be submitted indicating materials, finishes, construction & installation instructions, and verifying that product meets requirements specified. Manufacturer's recommendations for maintenance and cleaning shall be included.
- B. DRAWINGS AND DIAGRAMS: Wiring diagrams of any motorized components or units, working and assembly drawings shall be supplied as requested.
- C. SAMPLE: Responsible contracting officer or agent shall supply one sample shade of each type specified in this contract for approval. Supplied units shall be furnished complete with all required components, mounting hardware, instructions, and warranty.

1.3 QUALITY ASSURANCE

- A. SUPPLIER: Manufacturer, subsidiary, or licensed agent shall be approved to supply the products specified, and to honor any claims against product presented in accordance with warranty.
- B. INSTALLER: Installer or agent shall be qualified to install specified products by prior experience, demonstrated performance, and acceptance of requirements of manufacturer, subsidiary, or licensed agent. Installer shall be responsible for an acceptable installation.
- C. UNIFORMITY: Provide 1" Horizontal Aluminum Blinds of only one manufacturer for entire project.

1.4 DELIVERY STORAGE AND HANDLING

- A. Product shall be delivered to site in manufacturer's original packaging.
- B. Product shall be handled and stored to prevent damage to materials, finished, and operating mechanisms.

1.5 PROJECT/SITE CONDITIONS

- A. Prior to shade installation, building shall be enclosed; windows, frames, and sills shall be installed and glazed.
- B. Wet work shall be complete and dry.
- C. Ceilings, window pockets, electrical, and mechanical work above window covering shall be complete.

1.6 WARRANTY

- A. 1 year Limited Warranty
- B. TimberBlindMetroShade warrants the product against original defects in materials or workmanship for 1 year from the date of purchase/install. TimberBlindMetroShade does not warrant damage due to accidents, misuse, abuse, improper installation, alteration, or improper cleaning. Detailed specifics of the warranty are available upon request.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURER

- A. TimberBlindMetroShade, 1400 Lavon Dr. McKinney, Texas 75069; or architect approved equivalent.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.2 1” HORIZONTAL ALUMINUM BLINDS

- A. **PRODUCT:** TimberBlindMetroShade 1” Horizontal Aluminum Blinds
- B. **MATERIALS:**

- a. **SLATS:** Shall be aluminum alloyed for maximum strength, flexibility, and resistance to internal and external corrosion. Slats shall be nominally 1” wide x 0.008 thick with a formed contour that creates a finished crown with corner radius of 0.1875”. Slats shall be have a pre-coating treatment to bond the polyester-baked enamel finish coating.
- b. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn, color compatible with slats and spacing of ladder no more than 22”.
- c. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1” x 1 ½” x 0.024” constructed of corrosion resistant steel. Internally fit with components required for specific performance and designed for smooth, quiet, trouble-free operation. Headrail to be coated with vinyl primer and baked polyester enamel finish coat to match slats, bottom rail and end brackets. Operating hardware shall be locked into the headrail with no mechanical cleats visible from the underside of the headrail.
- d. **BOTTOMRAIL:** Oval-shaped 0.28” thick electro-zinc coated steel for optimum beam and torsion strength. Ends fitted with engineered polymer caps with polymer tape buttons to secure the ladder and cord. Finish to be painted vinyl primer and baked-on polyester enamel finish coat coordinated with slat color.
- e. **LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish. Two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, and cordlock adapter. Each lift cord will have a washer stop located within 3” of headrail when blind is fully lowered.
- f. **TILT MECHANISM:** Permanently lubricated die-cast worm and gear type tilter. Gear mechanism in fully enclosed housing with clutch action to prevent ladder tapes from over-rotation.
- g. **TILT CONTROL WAND:** Hexagonal shaped, clear polycarbonate solid rod measuring approximately 5/16” across the points. Wand shall be attached to the tilter shaft by means of a metal corrosion resistant loop and shall be easily detachable without tools.
- h. **MOUNTING HARDWARE:** Standard hinged cover end support brackets of electroplated steel with finish coat of baked on polyester enamel in color to match headrail. Intermediate support brackets for blinds over 60” wide.
- i. **OPTIONAL SHALL INCLUDE:** Valance, Extension brackets, Hold down brackets, Cut outs, 2 or 3 Blinds on 1 Headrail, Cloth tapes.

2.3 FABRICATION

- A. Blind measurements shall be accurate to within $\pm 1/8$ ” according to specifications established by TimberBlindMetroShade engineering standards.

PART 3 – EXECUTION

3.1 INSPECTION

- A. Installer shall be responsible for inspection of jobsite, approval of mounting surfaces, verification of field measurements and installation conditions. Installation shall commence when satisfactory conditions are met.

3.2 INSTALLATION

- A. Install blinds in accordance with manufacturer's instructions including recommended support brackets and fasteners.
- B. Install blinds with adequate clearance to permit smooth operation of the blinds. Demonstrate blinds to be in smooth, uniform, working order.

3.3 MAINTENANCE AND CLEANING

- A. Clean blinds with mild soap and water only. Do not use cleaning methods involving heat, bleach, abrasives or solvents. Do not use window cloths with paper content. Use of these methods will void the warranty.