



S H A D E S & B L I N D S

**Commercial Window Treatment Specification**  
**Division 12 – Furnishings**  
**Section 12492 – 1” Privacy Standard Roulett Aluminum Blind**

**PART 1 – GENERAL**

**1.01 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

**1.02 REFERENCES**

- A. FLAME-RESISTANT MATERIALS SHALL PASS OR EXCEED ONE OR MORE OF THE FOLLOWING TESTS:
  - National Fire Protection Association (NFPA) 701 (small scale for horizontal applications)
  - Department of Transportation Motor Vehicle Safety Standard 302 Flammability of Interior Materials
  - California Administrative Code Title 19
  - Federal Standard 191 Method 5903 (used by Port Authority of New York and New Jersey for drapery, curtain, and upholstery material)
  - Boston Fire Department Test BFD IX-1
  - New York State Uniform Fire Prevention and Building Code

**1.03 SUBMITTALS**

- A. PRODUCT DATA: Manufacturer’s descriptive literature shall be submitted indicating materials, finishes, construction and installation instructions and verifying that product meets requirements specified. Manufacturers 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 and associated hardware, instructions and warranty.

**1.04 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” Mini Horizontal Aluminum Blinds of only one manufacturer for entire project.

**1.05 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, finishes and operating mechanisms.

**1.06 JOB CONDITIONS:**

- A. Prior to shade installation, building shall be enclosed.
- B. Interior temperature shall be maintained between 60° F. and 90° F. during and after installation; relative humidity shall not exceed 80%. Wet work shall be complete and dry.

**1.07 WARRANTY:**

- A. Lifetime Limited Warranty. Specific product warranties available from manufacturer or its authorized agent.

**PART 2 – PRODUCTS**

**2.01 ACCEPTABLE MANUFACTURER**

- A. Cigma Blind Contact us by email or call (678) 482 7331 (Monday-Friday 8:30 AM to 4:00 PM EST).
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

**2.02 1” HORIZONTAL ALUMINUM BLINDS**

- A. PRODUCT: **Cigma Blind “1” Privacy Standard Roulett Aluminum Blind”**
- B. MATERIALS:
  - 1. SLATS: 1” wide x .008” thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 16.7 slats per foot routed on back edge (de-Light™ feature) to ensure superior closure and light control. Finish with manufacturer’s standard baked-on finish in colors selected by architect from manufacturer’s available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
  - 2. SLAT SUPPORT: Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 18mm.
  - 3. HEADRAIL: U-shaped profile with rolled edges, measuring 3/4” x 1” x .020” constructed of corrosion resistant steel and providing a sleek beveled edge valance-free design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail

1” Horizontal Aluminum Blinds  
12492-1

Cigma Blind

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finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.

4. **BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.
5. **LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .042" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Color Striping, 2 or 3 Blinds on 1 Headrail, Hidden Brackets, Side Channels (limited colors available), Hold Down Brackets, Cutouts.

#### 2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

#### 2.04 FINISHES

- A. **SLAT** finish selection from the following: 285 Alabaster, 848 Almond, 017 Alum Texture, 58 Brushed Aluminum, 60 Char Brown, 1011 Chocolate, 75 Clay, 110 Cloud, 1005 Cobblestone, 61 Fawn, 502 Gloss Black, 23 Linen, 49 Matte Black, 104 Mercury, 258 Midnight Blue, 896 Off White, 266 Oyster White, 260 Porcelain, 10 Shadow Grey, 35 Sierra, 103 Silver Grey, 65 Snow White, 01 White Gloss, 116 Polar Bear, 0750 Pearlized White
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat.

### **PART 3 - EXECUTION**

#### 3.01 INSPECTION:

- A. **SUBCONTRACTOR** shall be responsible for inspection on site, approval of mounting surfaces, installation conditions and field measurement for this work.
- B. **OTHER INTERACTING TRADES** shall receive drawings of shade systems, dimensions, assembly and installation methods from subcontractor upon request.

#### 3.02 INSTALLATION:

- A. **INSTALLATION** shall comply with manufacturer's specifications, standards and procedures as detailed on contract drawings.
- B. **ADEQUATE CLEARANCE** shall be provided to permit unencumbered operation of shade and hardware.
- C. **CLEAN** finish installation of dirt and finger marks. Leave work area clean and free of debris.

#### 3.03 DEMONSTRATION:

- A. Demonstrate operation method and instruct owner's personnel in the proper operation and maintenance of the blinds.

#### 3.04 SCHEDULE:

- A. **EXTERIOR WINDOWS:**
- B. **INTERIOR RELIGHTS:**

**END OF SECTION 12492**

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