

**SECTION 12511R – CORDLESS HORIZONTAL LOUVER BLINDS****PART 1 - GENERAL****1.01 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

**1.02 SUMMARY**

- A. Section Includes:
  - 1. Basis of design: SWFcontract Classics™ 1” Cordless Aluminum Blinds
- B. Related Requirements:
  - 1. Section 061053 “Miscellaneous Rough Carpentry” for wood blocking for mounting window treatments and accessories.
  - 2. Section 092900 “Gypsum Board” for coordination with installation of brackets and related accessories.
  - 3. Section 095123-Acoustical Tile Ceilings
  - 4. Section 099123-Interior Painting

**1.03 ALLOWANCES**

- A. Aluminum horizontal blinds are part of Alternate No. Two (2).

**1.04 REFERENCES**

- A. Reference Standards:
  - 1. NFPA No. 701-Standard Method of Fire Tests for Flame Propagation of Textiles and Films, 2015 Edition, Small Scale

**1.05 ACTION SUBMITTALS**

- A. Product Data: For each type of product.
  - 1. Include styles, material descriptions, construction details, dimensions of individual components and profiles, features, finishes, and operating instructions for window treatments.
  - 2. Preparation instructions and recommendations.
  - 3. Storage and handling requirements and recommendations.
  - 4. Mounting Details and installation methods
- B. Shop Drawings: Show fabrication and installation details for window treatments.
- C. Samples for selection: for each color and texture specified, submit 2 sets of samples representing manufacturer’s standard range of finishes for aluminum slats at 6 inches (152 mm) long.
  - 1. Include Samples of accessories involving color selection.
- D. Samples for Verification: for each color and texture specified, submit 2 sets of samples representing actual finishes for aluminum slats at 6 inches (152 mm) long.
  - 1. Include Samples of accessories involving color selection.
- E. Window treatments Schedule: Use same designations indicated on Drawings.

**1.06 INFORMATIONAL SUBMITTALS**

- A. Qualification Data: For Installer.
- B. Product Certificates: For each type of window treatments, signed by product manufacturer.
- C. Product Test Reports: For each type of window treatments, for tests performed by a qualified testing agency.

**1.07 CLOSEOUT SUBMITTALS**

- A. Maintenance Data: For window treatments to include in maintenance manuals.
- B. Sample warranty document

#### 1.08 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
  - 1. Window treatments: Full-size units equal to 5 percent of quantity installed for each size and color material indicated, but no fewer than one units.

#### 1.09 QUALITY ASSURANCE

- A. Installer Qualifications: Fabricator of products.
  - 1. Installer shall be qualified to install specified products by prior experience and approved by the blinds manufacturer.
  - 2. Installer shall be responsible for acceptable installation in accordance with instructions published by the blinds manufacturer.
  - 3. Single Source Requirement: To the greatest extent possible, provide Classics™ 1” Aluminum Blinds from the same manufacturer for the entire project.
- B. Mockups: Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.
  - 1. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
  - 2. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

#### 1.10 DELIVERY, STORAGE, AND HANDLING

- A. Deliver product in factory packages, marked with manufacturer, product name, and location of installation using same designations indicated on Drawings.
- B. Store product in clean, dry areas indoors, in manufacturer’s unopened packaging, laid flat to prevent sagging and twisting until ready for installation, in accordance with manufacturer’s instructions.
- C. Handling: Protect materials and finish from damage during handling and installation.

#### 1.11 FIELD CONDITIONS

- A. Environmental Limitations: Do not install window treatments until construction and finish work in spaces, including painting, is complete and dry and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- B. Field Measurements: Where window treatments are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication and indicate measurements on Shop Drawings. Allow clearances for operating hardware of operable glazed units through entire operating range. Notify Architect of installation conditions that vary from Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

#### 1.12 WARRANTY

- A. Limited Lifetime Warranty per manufacturer standard.

### PART 2 - PRODUCTS

#### 2.01 MANUFACTURERS

- A. Basis of Design: SWFcontract by Springs Window Fashions, LLC / 7549 Graber Rd / Middleton, WI 53562 / Phone: 1-800-327-9798 or Email: [architectsolutions@SWFcontract.com](mailto:architectsolutions@SWFcontract.com) / Website: <https://www.SWFcontract.com/>, or architect approved equivalent.
- B. Product substitutions must be pre-approved by the architect in accordance with project documents.

## 2.02 1" ALUMINUM HORIZONTAL BLINDS

- A. Product: Basis of Design: SWFcontract Classics™ 1" Cordless Aluminum Blinds

### 1. Materials:

- a. Headrail shall be 1" high x 1-1/2" wide x .025" thick U-shaped steel. The steel finishing process includes phosphate treatment for corrosion resistance, a chrome-free sealer, a low HAP urethane primer, and a topcoat of low HAP polyester-baked enamel.
- b. Tilter shall be made of injection-molded thermoplastics for smooth low-friction operation and shall incorporate a clutch mechanism to prevent damage due to over tilting.
- c. Tilt wand shall be clear polycarbonate with a hexagonal cross section measuring approximately 1/4" diameter and attached to the tilter shaft by means of a spring clip for easy removal.
- d. Drum and cradles shall be low-friction thermoplastic and provided for each ladder.
- e. Installation brackets shall be made of phosphate-treated steel with a urethane primer and polyester-baked enamel finish to match headrail. The design shall incorporate a hinged front cover.
- f. Braided ladder shall be made of 100% polyester yarn, incorporating two extra-strength rungs per ladder for slat support. Standard ladder spacing shall be 21.5mm.
- g. Slats shall be 5000 series cold-rolled aluminum containing the maximum allowable recycled content to produce a high-strength and corrosion-resistant flexible product. Slats shall be nominally 1" wide x .006" thick and processed to provide a smooth, hard, less porous surface with antistatic performance to repel dust. Slats shall be treated with a topcoat of polyester-baked enamel.
- h. Bottomrail shall be a completely enclosed tubular shape made of phosphate-treated steel for corrosion resistance and finished with a chrome-free sealer, low HAP urethane primer, and a topcoat of low HAP, polyester-baked enamel. Bottomrail shall measure .025" thick.
- i. Specialty shapes (arches). The upper section within the arch will not be operable, but the section below the arch will be operable.

### 2. Finishes:

- i. Slats: 1" Aluminum Slats finish selection: the color will be selected during the submittal process by the architect from the manufacturer's standard colors.

## PART 3 - EXECUTION

### 3.01 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, operational clearances, and other conditions affecting performance of the work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.02 WINDOW TREATMENTS INSTALLATION

- A. Install window treatments level, plumb, and aligned with adjacent units per manufacturer's written instructions.
  - 1. Install with adequate clearance to permit smooth operation of the window treatments through the entire operational range.

### 3.03 ADJUSTING

- A. Adjust and balance window coverings to operate smoothly, easily, safely, and free from binding or malfunction throughout the entire operational range.

### 3.04 CLEANING AND PROTECTION

- A. Clean surfaces after installation, per manufacturer's written instructions. Do not use cleaning methods involving heat, bleach, abrasives, or solvents.
- B. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer, ensuring that window treatments are without damage or deterioration at time of Substantial Completion.
- C. Replace damaged window treatments that cannot be repaired, in a manner approved by Architect, before time of Substantial Completion.

### 3.05 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain window treatments.

END OF SECTION 12511R