

Commercial Window Treatment Specification

Division 12-Furnishings

Section 122113-2" Aluminum School 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. SWFcontract 2" Aluminum School 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 [Window-Covering Allowance] <Insert name of allowance>.

1.04 REFERENCES

- A. Reference Standards:
 - 1. GREENGUARD Gold Certified
 - 2. 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 [manufacturer and witnessed by a qualified testing agency] [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.

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1. Window treatments: Full-size units equal to 5 percent of quantity installed for each size and color material indicated, but no fewer than [two] <Insert number> 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 Springs Window Fashions LLC.
2. Installer shall be responsible for acceptable installation in accordance with instructions published by Springs Window Fashions LLC.
3. Single Source Requirement: To the greatest extent possible, provide 2" Aluminum School 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. SWFcontract by Springs Window Fashions, LLC / 7549 Graber Rd / Middleton, WI 53562 / Phone: 1-800-327-9798 or Email: 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 2" ALUMINUM HORIZONTAL BLINDS

A. Product: **SWFcontract 2" Aluminum School Blinds**

1. Materials:

- a. SureTight Headrail shall be 1-5/8" high x 2-1/4" wide x .022" thick U-shaped steel with 1/8" lightblocking lip on the bottom center line. 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.

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- b. Cord tilter shall be a snap-in component incorporating a worm and pulley of low-friction thermoplastic and a nylon gear. Standard tilt cords shall measure 2.2mm diameter.
 - c. Tilt rod shall be electro-zinc coated solid steel measuring 1/4" square.
 - d. Cordlock shall be a metal snap-in design incorporating a floating, shaft-type locking pin and shall incorporate a crash-proof safety feature that will lock the blinds automatically upon release of cord.
 - e. Drums shall be made of high-strength thermoplastic, which securely anchors vinyl tapes.
 - f. Installation brackets shall be phosphate treated steel with a urethane primer and polyester-baked enamel finish to match headrail. The design shall incorporate a hinged front cover.
 - g. Lift cord shall be made of braided polyester measuring 2.2mm in diameter.
 - h. Vinyl ladder tape shall be 1-1/2" wide reinforced vinyl. Standard ladder spacing shall be 42mm.
 - i. 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 2" wide x .008" 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.
 - j. Bottomrail shall be C-shaped 9/16" high x 2" wide x .040 thick anodized aluminum. It shall be fully enclosed with a dust cover slat and finished with a polyester-baked enamel to match headrail.
 - k. Additional Options: Inverted slat for daylighting, Wand tilt, Ring Tilt, Ring Pull, Extension brackets, Hold-down brackets, Cut-outs, Deluxe Valance.
2. Finishes:
- a. Slats: 2" Aluminum Slats finish selection: 005 White Gloss, 062 Char Brown, 112 Alabaster, 121 Brushed Aluminum, 205 White Satin, 386 Snowcap White, 670 Creamy Beige, 724 Almond, 741 Polished Aluminum, 904 Lamplight, 983 Gray Haze.
 - b. Vinyl Tapes: 1-1/2" Vinyl tapes finish selection: 005 White, 670 Creamy Beige, 904 Lamplight, 983 Gray Haze.

PART 3-EXECUTION

3.01 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, operational clearances, [accurate locations of connections to building electrical system, 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.

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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 122113