Springs Window Fashions LP

Window Treatment Solar Shades
Bali Solar Shading Systems
Chain Control Operation

Bali® CONTRACT

PART 1—GENERAL

1.01 DESCRIPTION

A. Related Requirements

1. The Conditions of the Contract (General and Supplementary, and other Conditions), and Division 1 General Requirements (if any) are part of this section. (Delete or retain as appropriate.)

1.02 QUALITY ASSURANCE

A. Job Mock-Up: (Describe)

1.03 SUBMITTALS

A. Manufacturer's Product Data: Submit manufacturer's descriptive product data and installation instructions for each type of shade specified.

B. Shop Drawings: Submit shop drawings indicating the following:

1. Field-measured dimensions of openings scheduled to receive shades.

2. Illustrations of special accessory components not included in manufacturer's product data.

3. Details of head and sill conditions, corner conditions, and conditions between adjacent shade units.

C. Color Sample: Submit two 8" x 10" samples of material indicating full color range and color variation.

D. Product Sample: Submit one 16" x 24" sample shade.

E. Maintenance Material (Extra Stock): (Describe)

PART 2—PRODUCTS

2.01 SOLAR SHADES

A. Manufacturer and Product:

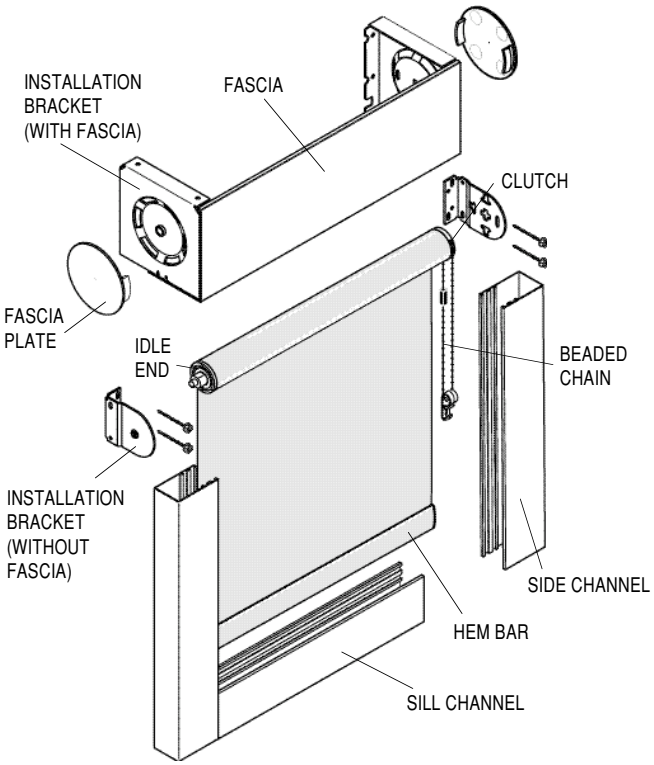
1. Manufacturer: Springs Window Fashions LP.
- **a. Product:** Bali Chain Control Solar Shade.
- **b. Options:** (Describe)
- **c. Color(s):** Selected from Bali fabric color cards.

B. Product Description:

1. Roller Tubes

a. Shades Up to 16 Square Feet will use a 1 ½" O. D. aluminum extruded tube with a wall thickness of .050", incorporating two internal locking channels running the length of the tube for added strength and durability. Shade material will be attached to the tube by placing fabric end into internal locking channel and inserting a vinyl spline the length of the tube, securely locking fabric into place.

b. Shades Over 16 Square Feet and up to 50 square feet will use a 1 ¾" O. D. aluminum extruded tube with a wall thickness of .050", incorporating three internal locking channels running the length of the tube for added strength and durability. Shade material will be attached to the tube by placing fabric end into internal locking channel and inserting a vinyl spline the length of the tube, securely locking fabric into place.



2. Clutch Systems Available in White or Black

- **a. B16 Clutch** for use with 1 ½" tube.
- **b. B24 Clutch** for use with 1 ¾" tube.
- **c. Clutch System** is a wrap spring design with high strength acetal and glass filled nylon components. Spring shall be stainless steel and will raise and lower shade by means of a continuous #10 stainless steel bead chain. Clutch will be press fit into tube with ribs that engage with the tube's internal locking channels.

3. Clutch Operation will be by means of a continuous #10 stainless steel bead chain providing positive lifting and lowering of the shade. Chain control will be available on either the right or left side of the shade. Optional color-coordinated plastic chain is available.

4. Idle End is made of nylon with a spring steel loaded center pin for smooth and quiet operation. Idle end spring made of zinc plated spring steel. Idle end will be press fit into the tube with ribs that engage with the tube's internal locking channels.

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5. **Installation Brackets without Fascia** shall be .060" thick and available in white or black and shall facilitate side, rear and top mounting applications. For shades with fascia option, brackets shall measure .065" thick and will facilitate rear and top mounting applications. Brackets are color-coordinated to fascia in White, Off White, Gray or Bronze.

6. **Fabrics:** Choose from NFPA 701-1999 FR and ASTM-G21 and G22 Bacteria and Fungal Resistance approved Phifer SheerWeave® fabrics.

Fabric	Style	Openness	Standard Width
SheerWeave	2000	5%	96"
SheerWeave	2100	10%	96"
SheerWeave	2390	5%	98"
SheerWeave	2360	10%	98"
SheerWeave	2410	3%	98"
SheerWeave	3000	14%	96"
SheerWeave	4000	5%	98"
SheerWeave	4100	10%	98"
SheerWeave	4400	3%	98"
SheerWeave	4800	1%	96"
Blackout shade material also available.			

See Bali Solar Shading Systems fabric sample cards for color choices and complete information on fabric and coating content, solar optical and shading coefficient test results and additional FR test certifications.

7. **Roll Orientation:** Standard will be fabric coming from backside of tube closest to window. Optional reverse roll will have fabric coming over the roller tube. (Reverse roll not available with fascia)

8. **Bottom Hem Ba**r will be extruded aluminum measuring 1.2" high by .58" deep with a .050" wall thickness. The room facing side of the hem bar will be fabric wrapped with the fabric secured by a vinyl spline insert at the top and bottom of the bar. The backside of the bar will be either White, Anodized Silver, or Bronze with color-coordinated injection molded thermoplastic end plugs.

9. **Size Limitations are as follows:**
   - **a.** Maximum shade size with B24 clutch is 50 square feet.
   - **b.** Maximum exact width based on fabric width. (Special widths up to 120" available by railroading fabric. In this case, maximum length will be governed by standard fabric width).
   - **c.** Minimum exact width is 12".
   - **d.** Maximum length is 120".
   - **e.** Minimum length is 12".

10. **Optional Fascia, Side and Sill Channels**
    - **a. Optional 3" and 4" Fascia** will be extruded aluminum measuring .075" thick, available in White, Off White, Anodized Silver, or Bronze. The fascia plate will enclose the roller tube and mounting brackets. The brackets will facilitate rear and top mounting applications. The fascia will be securely attached to the brackets by means of snap in locking channels.
    - **b. Optional Side Channels** will be extruded aluminum measuring 1.25" by 2.06" with a wall thickness of .060" available in White, Off White, Anodized Silver, or Bronze. Side channels will include a mole hair weather stripping insert.
    - **c. Optional Sill Channels** will be extruded aluminum measuring 1.25" by 2.06" with a wall thickness of .060" available in White, Off White, Anodized Silver, or Bronze. Sill channels will include a mole hair weather stripping insert.

2.02 FABRICATION

A. Prior to fabrication, verify actual opening dimensions by on-site measurement. Calculate shade dimensions to fit within specified tolerances.

B. Fabricate shades to fill openings from head to sill and jamb to jamb. Locate shade divisions at mullions.

C. Fabricate shades to fill all exterior window openings except at doors, door sidelights and transoms unless noted.

PART 3—EXECUTION

3.01 INSPECTION: Verify that the work area in which the shades will be installed is free of conditions that interfere with shade's installation and operation. Begin shade installation only when unsatisfactory conditions have been corrected.

3.02 INSTALLATION

A. Install shades in accordance with manufacturer's procedures except as otherwise specified herein.

B. Install shades with adequate clearance to permit smooth operation of shades.

C. Demonstrate shades to be in smooth, uniform working order.

3.03 CLEANING

A. Clean soiled shade surfaces with a mild soap solution. Do not use steam, hot water, bleach or any abrasive or solvent-based cleaners.

B. To ensure proper drying, provide adequate ventilation for shades.

3.04 SOLAR SHADE SCHEDULE:

Provide shades at the following locations: (listing of shade locations, different options, types, accessories and colors).