



## SOS DOUBLES—CLUTCH

*“When you need the light and complete darkness”*

### Part 1 General

#### 1.01 Section Includes

- A. Manual dual rollershade system for room darkening/light control and hardware.

#### 1.02 System Description

- A. Clutch operated rollershades with bead chain control.
- B. Shade Type T is translucent. Shade Type O is opaque.

#### 1.03 Submittals

- A. Product data: Submit five copies of manufacturers technical data and installations instructions.
- B. Samples: Submit three samples of each shade cloth with complete color swatch.
- C. Shop Drawings: Submit drawings of mechanical products with appropriate dimensions.

#### 1.04 Quality Assurance

- A. The manufacturer of these products shall show a minimum of 20 years documented experience.
- B. The installer shall show a minimum of 3 years experience with these systems.

### Part 2 Products

#### 2.01 Manufacturers

- A. SOST™ “Sun Or Shade”, a division of Inside Outfitters, Inc.  
5725 Avery Rd., Dublin, Ohio 43016  
Ph: 800.742.3372, Fx: 877.880.3496, E: info@sos-shades.com

#### 2.02 Materials:

- A. Shade Fabrics: Flame Retardant (DIN 4102 B1, NFPA 701, Dept. of Transportation Motor Vehicle Safety Standard MVSS 302 and California Administrative Code Title 19), 100% Trevira with openness factor (o.f.) properties between 0%, ½%, 5%, 25%. All fabrics are metallized with aluminum adhesion per ISO 2409 to classification 0, color fastness per ISO 105-BO2 to greater than 5 for color, formaldehyde and PVC free, and inherently anti-static/repellant to dust.
  - 1. Translucent Shade Fabrics, “Type T” (Finishes: See Specification Section “TRANSLUCENT FABRICS”)
    - a. Verosol: TRANS816(25% o.f.), SEMI812(5% o.f.), NON875(<.5% o.f.)
  - 2. Opaque Shade Fabrics, “Type O” (Finishes: See Specification Section “OPAQUE FABRICS”)
    - a. Verosol: BO 837 (0% o.f.)



- B. Tube: Shade Fabric Type T shall be mounted on to 32mm diameter aluminum tube and Shade Fabric Type O shall be mounted on a 29mm aluminum tube.
- C. Bead Chain Clutch: The clutch incorporates an adjustable slip clutch to control the rate of fall from free running zero friction factor to a factor of 100%. The shade may be adjusted to stop and hold at any position. The bead chain shall contain automatic stops to prevent the shade from over winding or unrolling off the tube. The bead chain may be either PVC or metal ball type. (Finishes: See specification section “ACCESSORIES”, Bead chain and Clutch for color selection.)
- D. Fascia Cassette: All fascia systems shall be prime painted with baked enamel utilizing the powder paint method to ensure an environmental friendly application. Wet paint method shall not be accepted. (Finishes: See Specification Section “ACCESSORIES”, *Fascia Systems* for color selection and detail.)
- E. Shade Mounting Brackets: Shall be manufactured from steel, universal for inside and outside mounting. Brackets shall snap easily onto cassette system once fastened to opening.
- F. Hembar: Shall be a continuous aluminum bar 3/4” X 1/8” with sufficient weight to allow the shade to close without buckling or sagging.
  - 1. (Option): Exposed Hembar. This hembar is mounted on the exterior of the bottom hem of shade. It is constructed of extruded aluminum and is weighted to properly raise and lower the shade without buckling or sagging. (Finishes: See specification section “ACCESSORIES”, *Exposed Hembar* for color selection and detail.)
- G. Side (Sill) Channels (Option): Dual extruded .062” aluminum channel through which each side of each shade travels to create blackout application. The rails shall contain soft brushes on a minimum of one side depending on application to enclose the fabric shade in a light tight condition. The side and bottom channels should be installed in a light bead of caulking to prevent light penetration. (Finishes: See Specification Section “ACCESSORIES”, *Side Channel* for color selection and detail.)

### Part 3 Execution

#### 3.01 Installation:

- A. Install the shades where shown on the contract drawings in accordance with printed instructions provided by the manufacturer, SOS Shade Systems or a modification as approved by the manufacturer.
- B. The shade fabric shall hang flat without buckling or distortion. The edge when trimmed, shall hang straight without curling or raveling. Unguided roller fabrics shall roll without shifting side ways more than 1/4” in either direction.
- C. Verify that all surfaces and openings are ready to receive the work. Do not commence the work until the installer verifies field measurements.
- D. Beginning the installation indicates the installer accepts the substrate.



### 3.02 Adjusting



- A. The system shall be adjusted and balanced by the installer for smooth operation. All completed shades will be operated in the presence of the owner or his representative.
- B. Instruct the owners or his representative as to the proper operating procedures and maintenance of the system.

