

# BASE SPECIFICATION GUIDE SIGNATURE SERIES 2" HORIZONTAL AVALON FAUXWOOD

## PART I - GENERAL

### 1.01 REQUIREMENTS

- A. Provide and install **Signature Series Blinds** manufactured by **CACO, Inc.** in agreement with all specifications, drawings and contract correspondence.

### 1.02 SUBMITTALS

- A. Provide manufacture's product data and installation information per type of blind specified.

## PART II - PRODUCTS

### 2.01 HORIZONTAL FAUX WOOD BLINDS

- A. **CACO Inc., Custom Signature Series 2" Avalon Faux Wood** horizontal blinds.

#### B. Materials

1. **Signature Series/ 2" Avalon Fauxwood** head rail is a "U" shaped configuration; dimensions are 2" high by 2 1/4" deep with rolled edges at the top. Fabricated steel is 0.024-inch thick (before paint) and iron phosphate treated. Head rail is acrylic primed with a finish coat of baked on polyester enamel.

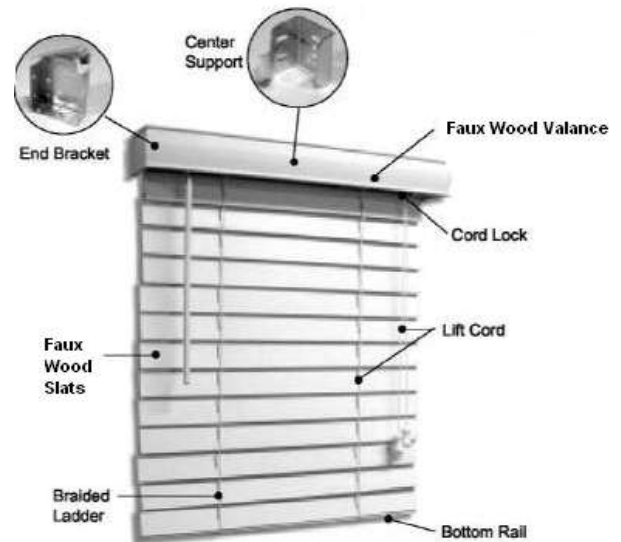
- a. Head rail shall incorporate color coordinated or milky white molded end caps for reinforcement.

2. **Operating hardware** is of a snap in design and positioned to allow precise alignment..

3. **Tape roll supports and tape rolls: 2" Avalon (Braided Ladder)** tape roll supports are made of low friction thermoplastic, which are self lubricating and maintenance free for smooth operation and diminished wear on lift cords and braided ladders. The support also provides the tape roll with smooth bearing points and centers it over the ladder guide hole. Tape rolls are constructed of low friction thermoplastic and designed to hold tape end by means of a "U" shaped brass grommet, which shall be inserted into tape rolls, allowing for a more precise placement of ladders when secured. As a result this gives the top slat a near level bearing position. Tape rolls shall include a projecting thermoplastic cylindrical collar integrated on each end, tilt rod is centered through both tape drum and collar projection. Self-lubricating thermoplastic collars are designed to snap securely into tape drum supports allowing for a near effortless tilting operation. **2" Avalon (Cloth Tapes)** tape roll supports and tape rolls are constructed of thermoplastic. Tape roll supports utilize a nylon pulley system to guide lift cords through head rail. **2" Avalon (Cloth Tapes)** tape rolls are designed to hold cloth or vinyl tape ends firmly by means of stapled loops and provides a full tilting action.

4. **Crash-proof cord lock:** This component shall be a snap-in design and has a nylon roller, which the cord smoothly passes over. A secured steel roller onto a hinged lock facilitates "crash-proof" feature. Locking mechanism secures the blind the cord is released. The cord ends are knotted and are made of low friction thermoplastic, which are equipped with color coordinated cord tassels.

- a. An optional lift cord ring pull is available in lieu of cord tassels and shall be supplied with a standard 4-inch control length.



5. **Tilters: 2" Avalon** are available with either standard cord tilter or optional wand tilter. The standard wand tilter is a precise. Self-lubricating thermoplastic worm and gear mechanism, with fully enclosed plastic housing. The highly accurate cord tilter utilizes a corrosion resistant steel worm and gear system, enclosed in a high impact plastic body which incorporates a spool protector that prevents the cord from slipping off of the spool. The cords operate smoothly by an incorporated pulley and cord guide. The optional wand tilter is a precise, self-lubricating thermoplastic worm and gear mechanism, with a fully enclosed plastic housing.
- a. Optional tilt ring shall be attached to the tilter shaft in lieu of a wand, allowing for the field provision of a pole hook to operate.
6. **Tilt wand: 2" Avalon** wand is composed of color-coordinated plastic, which is round in shape and measures 3/8-inch across. Color coordinated wand has a maximum length of 60-inches, after which a clear plastic wand is only available. Wand shall be attached or detached to tilter shaft via a metal clip which is secured to the wand section.
7. **Tilt rod:** This component, square in shape, is composed of solid galvanized steel and provides an instant tilting response. Diameter measurement across is 1/4inch.
8. **Slats:** Slats shall be extruded to a flat rigid form from PVC foam. An anti-static dust inhibitor additive is applied to the surface to minimize dust accumulation. Slat material is nominally 2-inches wide, with a thickness of .122(±.0005). **Avalon** is colorfast rated to 500 hours. **Avalon** PVC foam material will meet or exceed NFPA 701 small-scale test standards.
9. **Valance and trapezoid shaped bottom rail:** Standard and crown valances and bottom rail are extruded from PVC foam and are color matched to slats. Contoured valance is nominally 2.5-inch wide and is extruded to a thickness of 3/8-inch. Trapezoid shaped bottom rail is nominally 2- inches wide and is extruded to a thickness of 7/8-inch.
10. **Tapes and ladders (ladder tape):** Standard color coordinated braided ladders shall be constructed of polyester yarn with a double crossed inter-braided

cable thread design, for maximum slat support and minimum stretch. Slats shall be supported by ladder tape without any visible distortion. Ladder rung distances shall not exceed 44 mm (6.9 slats per vertical foot). Distances between ladders shall not exceed 12-inches, nor distance from end of ladder to end of slat shall not exceed 5 –inches. **Optional** 1 ½” and 1” cloth tapes (in varying colors) are constructed of a high strength polyester. Spacing shall not exceed 42 mm.

a. Braided ladder tape retainer buttons are clear thermoplastic.

11. **Lift cords:** Color coordinated lift cords shall be constructed of a braided polyester jacket with a rayon center core or approved equal. Cords shall be of sufficient length to properly facilitate the raising and lowering of blind. Diameter of cord shall be 1.8 mm (+- 0.1 mm).
12. **End support bracket:** Galvanized steel installation bracket with riveted hinged cover shall be 0.038-inch thick (before paint). The outside surface has a finish coat of baked polyester enamel to color coordinate with head rail, slats and bottom rail.
  - a. Intermediate support brackets are furnished for blinds 48-inches wide or as required. Maximum spacing for brackets shall be 30-inches.
  - b. Optional extension brackets are available.
13. **Packaging:** Corrugated 44 ECT cardboard packaging consists of 100% recycled material that is also 100% recyclable (a letter of compliance is on file for LEED qualifying projects).
14. **Warranty: Signature Series 2” Avalon** shall be manufactured exempt of any sharp edges, burrs or other defects. **CACO, Inc.** will extend a limited lifetime warranty on **2” Avalon** head rail and components and a 5 year warranty on slats. Every horizontal blind that is properly installed is guaranteed to be free from defective components for the warranty duration, as long as the blind remain in the same window as originally installed. This obligation is limited to repair and replacement of components found defective. This guarantee does not include any conditions resulting from damages caused by accidents, alterations, misuse, abuse, or failure to follow instructions with respect to cleaning or maintenance.
15. **Size limitations:**
  - a. Maximum width: 96-inches
  - b. Maximum length: 120-inches

---

## 2.01 FABRICATION

- A. Prior to fabrication, verify actual opening sizes by measuring on site. Calculate blind dimensions to fit within specified tolerances.
- B. Fabricate blinds to fill opening from top of window to sill and jamb to jamb. The minimum clearance blind to blind shall be 1/4-inch. Locate blind divisions at mullions.

---

## PART III - EXECUTION

### 3.01 INSPECTION

- A. Work area in which blinds will be installed should be free of conditions that interfere with blind installations and operations. Begin blind installation only when unsatisfactory conditions have been corrected.

---

### 3.02 INSTALLATION

- A. Install blinds in accordance with manufacture’s installation procedures except as otherwise specified.
- B. Install intermediate support brackets and extension brackets as needed to prevent deflection in head rail.
- C. Install blinds with adequate clearance to permit smooth operation of blinds and any sash operations. Hold blinds 1/4-inch clear from each side of window openings on inside mount unless other clearance is indicated.

---

**3.03 CLEANING** It is recommended to keep Avalon blinds clean and free of dust, they be dusted with a soft non-abrasive cloth, or they may be vacuumed periodically using a hose and soft brush attachment. Clean soiled blind surfaces with a mild soap solution. Do not use steam, hot water, bleach, or any caustic, abrasive or solvent based cleaners or this will void all warranties.

---

### 3.04 HORIZONTAL BLIND SCHEDULE

- A. Provide blinds at the following locations: Listing blind locations, different options, types, accessories and colors.

