

# 2" Horizontal Blinds

## Window Treatment Specification

### PART 1 - GENERAL

#### 1.01 DESCRIPTION

A. Furnish and install Elite 2" Horizontal Blinds provided by Elite Pro Shading Systems in accordance with specifications, drawings and contract documents.

#### 1.02 SUBMITTALS

- A. Manufacturer's complete CSI 3-part specification sheet.
- B. Product Sample: Submit working hand sample or mock up blind as required.
- C. Colour Sample: Submit two 6" samples of slat material indicating colour and dimensions.

#### 1.03 DELIVERY, STORAGE AND HANDLING

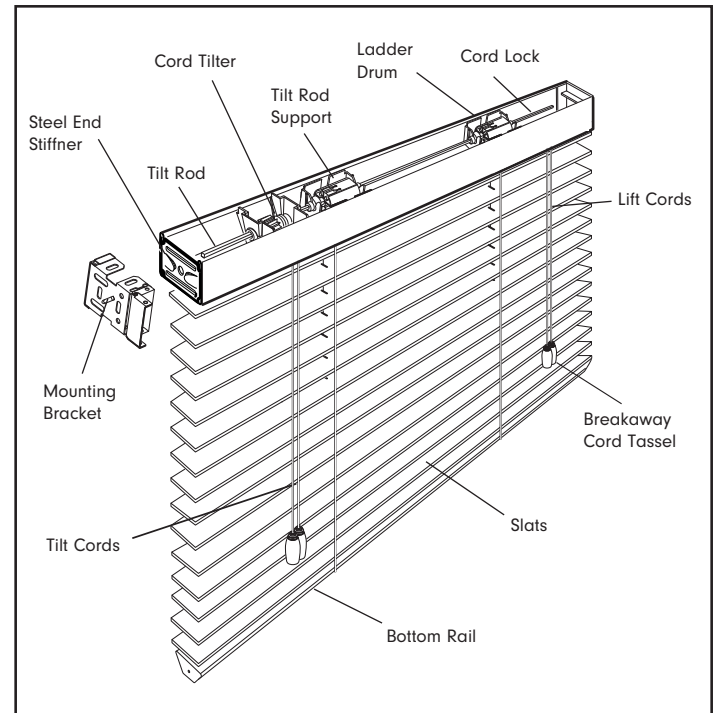
- A. Product to be delivered to jobsite in manufacturer's original packaging.
- B. Products to be handled and stored to prevent damage to materials, finishes and operating mechanisms. Store in a clean, dry area, laid flat to prevent sagging, and twisting of packaging.

#### 1.04 PROJECT / SITE CONDITIONS

- A. Building shall be enclosed and windows, frames, and sills shall be installed and glazed.
- B. Wet work shall be complete and dry.
- C. Ceilings, window pockets, electrical and mechanical work above window covering shall be complete.
- D. Electrical power (110 volt AC) shall be available for installer's tools within 500 feet of product installation areas.

#### 1.05 QUALITY ASSURANCE

- A. Manufacturer, subsidiary or licensed agent shall be approved to supply the products specified and to honour any claims against product presented in accordance with warranty.
- B. Installer shall be qualified to install specified products by prior experience and approved by Elite Pro. Installer shall be responsible for acceptable installation in accordance with instructions published by Elite Pro.



#### 1.06 LIMITED LIFETIME WARRANTY

- A. Elite Pro warrants the product against original defects in materials or workmanship for the life of the blind. Elite does not warrant damage due to accidents, misuse, abuse, improper installation, alterations or improper cleaning. Detailed specifics of the warranty are available upon request.

### PART 2 - PRODUCTS

#### 2.01 ACCEPTABLE MANUFACTURERS

- A. Elite Pro Shading Systems or architect approved equal.

#### 2.02 2" HORIZONTAL BLINDS

- A. Product: Elite 2" Horizontal Blinds

a. Headrail shall be 1½" high x 2¼" wide x 0.025" 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. Tilting Mechanisms

- i. Motor Tilt - Shall provide slat tilting operation. Motor shall 12V DC powered and operated by Somfy RTS remote controls, wall switches, and integration devices. Individual specifications on motors and controls are available upon request.

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- ii. Cord Tilt - Shall be made of injection molded thermoplastic and steel for smooth low-friction operation.
- c. Tilt Rod - shall be hexagonal electro-zinc coated solid steel measuring 1/4" square.
- d. Cord Lock shall be metal of a snap-in design incorporating a floating, shaft-type locking pin and shall incorporate a crash proof safety feature that will lock blind automatically upon release of cord.
- e. Drum and Cradles shall be low-friction thermoplastic and provided for each ladder.
- f. Installation Brackets shall be a rivet-hinged front cover phosphate-treated steel with urethane primer and polyester baked enamel finish to match headrail.
- g. Ladders
  - i. Cord Ladder shall be made of 100% polyester yarn incorporating two extra strength rungs per ladder for slat support. Standard ladder spacing shall be 21.5 mm.
  - ii. Ladder Tape shall be made of 100% polyester yarn incorporating two fabric rungs per ladder for slat support. Standard ladder spacing shall be 21.5 mm.
- h. Slats
  - i. Aluminum Slats shall be 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 0.008" thick. Slats shall be treated with a topcoat of polyester baked enamel.
  - ii. PVC Slats shall be rigid UV stabilized crowned PVC nominally 2" wide x 0.045" thick with straight cut edges. Slats meet the requirement of NFPA 701 Test Method 1-2004 edition.
  - iii. Urban Fauxwood Slats shall be rigid UV stabilized flat PVC nominally 2" wide x 0.11" thick with straight cut edges. Slats meet the requirement of GreenGuard and NFPA 701 Test Method 1-2004 edition.
  - iv. Eco Wood Slats shall be 2" wide x 0.11" thick and manufactured from Basswood, kiln dried to a moisture content of 6% to 8%, then normalized to 10% to 12% to reduce warping. Lumber shall be cut from a straight vertical grain pattern to maximize dimensional stability. Slats shall be stained and coated with a clear satin lacquer finish. Stain colour may vary due to natural variations in wood texture & grain.
- j. Bottom Rail
  - i. For Aluminum/PVC Slats shall be a roll-formed 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 & shall measure 0.025" thick. Plastic endcaps shall fit into ends of bottom rail.

- ii. For Urban Fauxwood Slats shall be a blend of PVC polymers 7/8" high x 2" wide in a trapezoid shape to improve closure. Shall meet the requirement of GreenGuard and NFPA 701 Test Method.
- iii. For Eco Wood Slats shall be identical in composition and colour to Eco Wood slats. Shall be 0.625" wide x 2" thick in a trapezoid shape to improve closure.
- k. Options shall include:
  - i. Hold-down Brackets
  - ii. Extension Brackets
  - iii. Valance Returns

#### 2.03 Fabrication

- A. Blinds shall be fabricated according to specifications and accurate to tolerance established by Elite engineering standards.

### Part 3 – EXECUTION

#### 3.01 Inspection

- A. Installer shall be responsible for inspection of jobsite, approval of mounting surfaces, verification of field measurements and installation conditions. Installation shall commence when satisfactory conditions are met.

#### 3.02 Installation

- A. Install blinds in accordance with manufacturer's instructions including recommended support brackets and fasteners.
- B. Install blinds with adequate clearance to permit smooth operation of the blinds. Demonstrate blinds to be in smooth, uniform working order.

#### 3.03 Maintenance and Cleaning

- A. Clean blinds with mild soap and water only. Do not use cleaning methods involving heat, bleach, abrasives, or solvents. Do not use window cloths with paper content. Use of these methods will void the warranty.