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COMPANY OVERVIEW

SWFcontract, the commercial arm of Springs Window Fashions, LLC, is a leading full-line manufacturer of commercial window treatments. SWFcontract distributes products to the commercial trade through its authorized network of commercial subcontractors and works with the architectural community through its dedicated commercial sales force. Products from SWFcontract have been specified and installed in thousands of commercial projects throughout the United States.

Springs Window Fashions is committed to the strategy of creating the Best Experience possible for associates, customers and end users. The culture of SWF supports this vision.

- Service excellence
- Product innovation and process improvement
- Associate involvement in Q@S (Quality at the Source)
- Strategic partnerships with key accounts and suppliers
- Supply chain management

Green by Nature™

At SWF, being “green” is imbedded in the nature of our company and our products. This commitment to respecting the earth is a long-term component of our philosophy and guides us as we conduct business.

Our goal is to minimize the environmental impact of our company and products through specific processes and actions that reduce energy usage and waste, protect air quality and use resources more efficiently.

- Improving indoor and outdoor air quality by reducing emissions of volatile organic compounds (VOCs)
- Conserving energy by reducing the consumption of natural gas
- Developing recycling programs to reduce industrial and office waste
- Investing in technologies that limit fresh water consumption while significantly reducing the disposal of industrial waste water
- High-recycling manufacturing facilities
- Environmentally friendly material harvesting

For detailed information, go to swfcontract.com and click on “Green by Nature.”

Social Responsibility

SWF is committed to supporting initiatives that enhance the communities where our associates live and work. From corporate philanthropy to grassroots associates’ volunteer efforts, SWF holds to the philosophy that the communities where our associates work and live should be primary beneficiaries of the collective corporate endeavors.

Commitment

SWF believes that Best Experience is a winning strategy. We trust we can gain enormous competitive advantage by creating the quality and service standards for our industry. SWF delivers on this commitment through:

- Product and process innovation
- Protection of employees and the environment
- Social and community responsibility
### Product Features

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### Product Specifications

**Roller tube** shall be extruded aluminum engineered with channel to accept fabric spline. The diameter and wall thickness (to be determined by manufacturer, based on fabric selection and shade size) will provide minimal deflection and optimal performance.

**TruePerformance Clutch** system shall consist of fiberglass-filled nylon for wear resistance, smooth operation, and corrosion resistance. The clutch uses a Velvetrol™ internal spring arrangement for a smooth pulling force that locks the shade in any position when operating the control loop. The clutch mechanism is bi-directional and does not require adjustment or lubrication. Clutch to be inserted in roller tube at manufacturing. Clutch size to be selected by manufacturer based on fabric selection and shade size.

**Control loop** shall be #10 stainless steel bead chain. Bead stop attached to the chain to protect the shade from over-rotation.

**Idle end** shall be constructed of high strength, fiberglass-filled nylon with spring-loaded pin-end technology for wear resistance, smooth operation, and corrosion resistance.

**Lift assist system** shall be a heavy duty torsion spring located inside the roller tube. Mechanism reduces the pull force, allowing easy lifting of larger shade.

**Spline system** shall consist of a co-extruded PVC spline, heat-sealed to the shade fabric and inserted into an engineered channel on the roller tube. The removable spline system allows for adjustability on-site and ease in changing fabric bands in the field.

**Hem bar** shall be an aluminum extrusion enclosed in a fabric hem pocket with heat-sealed seams and ends.

**Installation brackets** shall be 16 gauge, corrosion-resistant, stamped steel, and can accommodate overhead, side, and face mounting. Brackets are powder coated and available in white, vanilla, gray, or black. Optional dual shade brackets shall hold two shades in one bracket assembly. Coupled shades shall be connected with a linked bracket mechanism.

**Solar and blackout shade fabric** shall be flame retardant, fade and stain resistant, anti-static, anti-microbial and pass NFPA 701-1999 FR and ASTM-G21 and G22. Shades with railroaded fabric may have heat-sealed seams. Seam heights may be specified. Fabrics range from 100% opaque to 30% open.

**Options:**

- Dual shades
- Coupled shades
- Fascia (3" or 4", front and back)
- Dual shade fascia (7.625")
- Side, sill, and center channel
- Pockets (4.75" or 7.5")
- Closure plate (2", 3", or 5")
- External fabric wrapped hem bar
- Plastic bead chain
- Bracket covers
Product Features

- Standard, extended, and heavy duty motorized systems
- Quick disconnect plugs (wago)
- Adjustable idle end brackets allow shades to be adjusted in place
- Extruded aluminum roller tube with fabric spline channel
- Enclosed heat-sealed hem bar pocket
- Dual shades
- Coupled shades
- Solar and blackout fabric collection, including Microban, GREENGUARD, and PVC-free
- Optional fascia, pockets, closure plates, side and sill channels
- Limited Lifetime Warranty (motor five years)

Product Specifications

Motor shall be tubular, asynchronous motor with built-in reversible capacitor, totally enclosed, temperature Class A, thermally protected, maintenance-free with line voltage power supply. Motor shall be concealed inside the roller tube. Motor size (to be determined by shade manufacturer to ensure proper operation, based on window size and fabric selection) shall not exceed 80% of the motor and tube assembly rated lift capacity. Shades in the same room must have motors rated at the same nominal speed.

1. Standard 110V-120V AC motors
2. Radio Frequency 110V-120V motors
3. Intelligent Motor (ILT) standard 110V-120V AC motors

Roller tube shall be extruded-aluminum tubes engineered with channel to accept fabric spline. The diameter and wall thickness to be determined by manufacturer based on fabric selection and shade size to provide minimal deflection and optimal performance.

Spline system shall consist of Z-shaped, rigid PVC spline, heat-sealed to the shade fabric and inserted into an engineered channel on the roller tube. The removable spline system allows for adjustability on-site and ease in changing fabric bands in the field.

Hem bar shall be an aluminum extrusion enclosed in a fabric hem pocket with heat-sealed seams and ends.

Idle end shall be made of galvanized steel for wear resistance and smooth operation.

Installation brackets shall be 16 gauge, corrosion-resistant, stamped steel, and can accommodate overhead, side, and face mounting. Brackets are powder coated and available in white, vanilla, gray, or black. Optional dual shade brackets shall hold two shades in one bracket assembly. Coupled shades shall be connected with a linked bracket mechanism.

Idle end bracket shall be adjustable, allowing shades to be leveled while in place.

Solar and Blackout shade fabric shall be flame retardant, fade and stain resistant, anti-static, anti-microbial, and pass NFPA 701-1999 FR and ASTM-G21 and G22. Shades with railroaded fabric may have heat-sealed seams. Seam heights may be specified. Fabrics range from 100% opaque to 30% open.

Options:
- Individual controls
- Group controls
- Dual shades
- Coupled shades
- Dual coupled shades
- Fascia (4.25" or 7.625")
- Side, sill, and center channel
- Pockets (4.75" or 7.5")
- Closure plate (2", 3", or 5")
- External fabric wrapped hem bar
- Bracket covers
- Full building automation
- Interaction with other technologies
**Product Features**

- Headrail with integrated valance and light-blocking lip
- Anti-static performance to repel dust
- Low HAP, low VOC paint process
- Snap-in hidden brackets
- Disengaging clutch
- Crash-proof cord lock
- Enclosed bottomrail
- .006" or .008" slat option
- Hidden Holes™ privacy option
- Perforated slat option
- ½" slat option (S4000 Micro)
- Box bracket option
- GREENGUARD Gold Certified
- Limited Lifetime Warranty

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**Product Specifications**

- **Headrail** shall be 1" high x 1½" wide x .025" thick steel valance-free design with a curved front profile, rolled edges at the top and a light-blocking lip at the lower back side. The steel finishing process includes phosphate treatment for corrosion resistance, a chrome-free sealer, a low hazardous air pollutants (HAP) urethane primer, and a topcoat of low HAP, polyester-baked enamel.

- **Tilter** shall be made of injection-molded thermoplastics for smooth, low-friction operation and will incorporate a clutch mechanism to prevent damage due to over-tilting.

- **Tilt rod** shall be electro-zinc coated solid steel measuring ¼" square.

- **Tilt wand** shall be clear polycarbonate with a hexagonal cross section measuring approximately ¼" diameter, attached to the tilter shaft with a spring clip for easy removal.

- **Cord lock** is a snap-in design made of durable, high impact nylon with a stainless steel wear guard incorporating a floating, shaft-type locking pin. The design provides a crash-proof safety feature that will lock the blinds automatically upon release of the lift cord.

- **Drum and cradles** shall be low-friction thermoplastic and provided for each ladder.

- **Installation brackets** shall be top-loading, zinc-plated steel with a snap-in design for easy installation.

- **Braided ladder** shall be made of 100% polyester yarn, incorporating two extra strength rungs per ladder for slat support. Standard ladder spacing shall be 21.5mm.

- **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 1" wide x .006" thick and processed to provide a smooth, hard, less porous surface with anti-static performance to repel dust. Slats shall be treated with a topcoat of polyester-baked enamel.

- **Bottomrail** shall be completely enclosed 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 and shall measure .025" thick.

**Options:**

- .008" thick slat
- 20mm ladder spacing
- Perforated slat
- Hidden Holes™ privacy slat with 18mm spacing
- Tilt limiter
- Ring tilter
- Top-lock cord lock
- Ring pull
- Box brackets
- Extension brackets
- Hold-down brackets
- Cut-outs
- Cordless
BALI® CLASSICS™ 1" ALUMINUM BLINDS

Product Features

• 1" x 1½" steel headrail
• Anti-static performance to repel dust
• Low HAP, low VOC paint process
• Disengaging clutch
• Crash-proof cord lock
• Enclosed bottomrail
• .006" or .008" slat option
• Perforated slat option
• Specialty shapes option
• GREENGUARD Gold Certified
• Limited Lifetime Warranty

Product Specifications

Headrail shall be 1" high x 1½" wide x .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.

Tilter shall be made of injection-molded thermoplastics for smooth, low-friction operation and will incorporate a clutch mechanism to prevent damage due to over-tilting.

Tilt rod shall be electro-zinc coated solid steel measuring ¼" square.

Tilt wand shall be clear polycarbonate with a hexagonal cross section measuring approximately ¼" diameter, attached to the tilter shaft with a spring clip for easy removal.

Cord lock is a snap-in design made of durable, high impact nylon with a stainless steel wear guard incorporating a floating, shaft-type locking pin. The design provides a crash-proof safety feature that will lock the blinds automatically upon release of the lift cord.

Drum and cradles shall be low-friction thermoplastic and provided for each ladder.

Installation brackets shall be made of phosphate-treated steel with a urethane primer and polyester-baked enamel finish to match headrail. The design shall incorporate a hinged front cover.

Braided ladder shall be made of 100% polyester yarn, incorporating two extra strength rungs per ladder for slat support. Standard ladder spacing shall be 21.5mm.

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 1" wide x .006" thick and processed to provide a smooth, hard, less porous surface with anti-static performance to repel dust. Slats shall be treated with a topcoat of polyester-baked enamel.

Bottomrail shall be completely enclosed 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 and shall measure .025" thick.

Options:
• .008" thick slat
• 20mm ladder spacing
• 22.5mm ladder spacing
• Perforated slat
• Tilt limiter
• Cord tilt
• Ring tilt
• Top-lock cord lock
• Ring pull
• 2-piece pocket bracket
• Turn clips for extruded pocket
• Extension brackets
• Hold-down brackets
• Cut-outs
• 2-slat valance
• Deluxe 2-slat valance
• Specialty shapes (arches, circles, and angles)
Bali® Customiser® 1" Aluminum Blinds

**Product Features**

- 1" x 1" slim profile, steel headrail
- Anti-static performance to repel dust
- Low HAP, low VOC paint process
- Disengaging clutch
- Crash-proof cord lock
- .006" or .008" slat option
- Perforated slat option
- ½" slat option (Micro blind)
- GREenguARD Gold Certified
- Limited Lifetime Warranty

**Product Specifications**

- **Headrail**: shall be 1" high x 1" wide x .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.

- **Tilter**: shall be made of injection-molded thermoplastics for smooth, low-friction operation and will incorporate a clutch mechanism to prevent damage due to over-tilting.

- **Tilt rod**: shall be electro-zinc coated solid steel measuring ¼" square.

- **Tilt wand**: shall be clear polycarbonate with a hexagonal cross section measuring approximately ¼" diameter, attached to the tilter shaft with a spring clip for easy removal.

- **Cord lock**: is a snap-in design made of durable, high impact nylon with a stainless steel wear guard incorporating a floating, shaft-type locking pin. The design provides a crash-proof safety feature that will lock the blinds automatically upon release of the lift cord.

- **Drum and cradles**: shall be low-friction thermoplastic and provided for each ladder.

- **Installation brackets**: shall be made of phosphate-treated steel with a urethane primer and polyester-baked enamel finish to match headrail. The design shall incorporate a hinged front cover.

- **Braided ladder**: shall be made of 100% polyester yarn, incorporating two extra-strength rungs per ladder for slat support. Standard ladder spacing shall be 22.5mm.

- **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 1" wide x .006" thick and processed to provide a smooth, hard, less porous surface with anti-static performance to repel dust. Slats shall be treated with a topcoat of polyester-baked enamel.

- **Bottomrail**: shall be 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 and shall measure .025" thick.

**Options:**

- .008" thick slat
- 21.5mm ladder spacing
- 20mm ladder spacing
- Perforated slat
- Tilt limiter
- Ring tilt
- Top-lock cord lock
- Ring pull
- Turn clips for extruded pockets
- Extension brackets
- Hold-down brackets
- 2-slat valance
- Deluxe 2-slat valance
**Product Features**

- SureClose™ headrail system
- Anti-static performance to repel dust
- Low HAP, low VOC paint process
- Enclosed bottomrail
- 1½” fabric tape option
- Cord tilt standard
- Motorized tilt only
- GREENGUARD Gold Certified
- Limited Lifetime Warranty

**Product Specifications**

**SureClose™ Headrail** shall be 1 5/8” high x 2 1/4” wide x .022” thick U-shaped steel with 1/8” light-blocking 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.

**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 1.8mm diameter.

**Tilt rod** shall be electro-zinc coated solid steel measuring 1/4” square.

**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.

**Drums** shall be made of high strength thermoplastic, which securely anchors braided ladders.

**Installation brackets** shall be made of phosphate-treated steel with a urethane primer and polyester-baked enamel finish to match headrail. The design shall incorporate a hinged front cover.

**Braided ladder** shall be made of 100% polyester yarn, incorporating two extra strength rungs per ladder for slat support. Standard ladder spacing shall be 44mm.

**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 anti-static performance to repel dust. Slats shall be treated with a topcoat of polyester-baked enamel.

**Bottomrail** shall be C-shaped, 9/16” high x 2” wide x 0.40” thick anodized aluminum. It is fully enclosed with a dust cover slat and finished with a polyester-baked enamel to match headrail.

**Options:**
- 1 1/2” fabric tapes
- Wand tilt
- Ring tilt
- Ring pull
- Extension brackets
- Hold-down brackets
- Cut-outs
- Deluxe valance
- Motorized tilt only
Product Features

- SureClose™ headrail system
- Cord tilt standard
- Anti-static performance to repel dust
- Low HAP, low VOC paint process
- Enclosed bottomrail
- 1½" reinforced vinyl tapes
- Heavy duty lift and tilt cords
- GREENGUARD Gold Certified
- Limited Lifetime Warranty

Product Specifications

**SureClose™ Headrail** shall be 1 5/8" high x 2 ¼" wide x .022" thick U-shaped steel with ½" light-blocking 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.

**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.

**Tilt rod** shall be electro-zinc coated solid steel measuring ¼" square.

**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.

**Drums** shall be made of high strength thermoplastic, which securely anchors vinyl tapes.

**installation brackets** shall be made of phosphate-treated steel with a urethane primer and polyester-baked enamel finish to match headrail. The design shall incorporate a hinged front cover.

**Lift cord** shall be made of braided polyester measuring 2.2mm in diameter.

**Vinyl ladder tape** shall be 1½" wide reinforced vinyl. Standard ladder spacing shall be 42mm.

**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 anti-static performance to repel dust. Slats shall be treated with a topcoat of polyester-baked enamel.

**Bottomrail** shall be C-shaped, 9/16" high x 2" wide x 0.40" thick anodized aluminum. It is fully enclosed with a dust cover slat and finished with a polyester-baked enamel to match headrail.

**Options:**
- Wand tilt
- Ring tilt
- Ring pull
- Cut-outs
- Deluxe valance
### SPECIALTY APPLICATIONS FOR HORIZONTAL BLINDS

#### Product Features for Bali® Incline Wire Blinds
- Bali® Classics 1" headrail, slats, and components
- Anti-static performance to repel dust
- Low HAP, low VOC paint process
- Fully functional lift and tilt
- 45° maximum from vertical
- Stainless steel tension wires anchored with tension brackets
- Ring tilt
- Ring pull
- Lift determined by design
- Telescopic pole option
- GREENGUARD Gold Certified
- Limited Lifetime Warranty

#### Product Features for Bali® Dual Headrail Skylight Blinds
- Bali® Classics 1" headrail, slats, and components
- Anti-static performance to repel dust
- Low HAP, low VOC paint process
- Tilt only
- 45° from horizontal
- Dual headrail spring tension design
- Ring tilt
- Telescopic pole option
- GREENGUARD Gold Certified
- Limited Lifetime Warranty

#### Product Features for Bali® Arch and Circle Blinds
- Bali® 1" Arch and Circle Blinds
- Anti-static performance to repel dust
- Low HAP, low VOC paint process
- One-piece, roll-formed aluminum headrail
- Lift determined by design
- Circle blinds tilt only
- GREENGUARD Gold Certified
- Limited Lifetime Warranty

#### Product Features for Bali® Angled Blinds
- Bali® Classics 1" headrail, slats, and components
- Anti-static performance to repel dust
- Full tilt capability
- Low HAP, low VOC paint process
- Lift determined by design
- GREENGUARD Gold Certified
- Limited Lifetime Warranty
- More shapes available

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Call 800-327-9798 or email architectsolutions@swfcontract.com

swfcontract.com
GRABER® TRADITIONS® ELITE 2" WOOD BLINDS

Product Features

- Slats exclusively of North American hardwood
- Clear satin finish
- Custom colors available
- SureClose™ headrail system
- Fabric tapes and beaded slat options
- Cord tilt standard
- Wand tilt option
- Antique brass or wood tassels
- 1" or 2½" wide slat options
- Oversize blind capability
- Special shapes
- Cordless option
- Motorized tilt only
- Limited Lifetime Warranty

Product Specifications

SureClose™ Headrail shall be 1⅜" high x 2⅝" wide x .055" thick U-shaped, extruded aluminum with ⅛" light-blocking lip on the bottom center line and finished with a powder coat paint.

Valance shall be lineal grained, smooth-sanded 100% North American Basswood.

Cord Tilter shall be a snap-in component incorporating a worm and pulley of low-friction thermoplastic and a nylon gear. Tilt cords shall be secured to pulley and treated with wood tassels at tilt end. Cord tilter is standard.

Tilt rod shall be electro-zinc coated solid steel measuring ¼" square.

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.

Cradles shall be made of low-friction polypropylene with metal lift cord rollers.

Drums shall be made of high strength thermoplastic, which securely anchors braided ladder or cloth tapes.

Braided ladder shall be made of 100% polyester yarn, incorporating two extra strength rungs per ladder for slat support. Standard ladder spacing shall be 44mm.

Installation brackets shall be a universal style with hinged front cover phosphate-treated steel with urethane primer and polyester-baked enamel finish to match headrail.

Slats shall be nominally 2" wide x .115" thick and made of lineal grained and smooth-sanded 100% North American Basswood, kiln-dried to a 6% – 10% moisture content to reduce possibility of warping. 2" slat is standard for the beaded slat option. Slats shall be stained and coated with a clear satin lacquer finish for a hand-rubbed appearance. Slats are stained and painted after cutting so ends and route holes are sealed, reducing warpage.

Bottomrail shall be contour-molded to a shape of 5/8" high in a trapezoid shape to improve closure. Bottomrail shall be lineal grained and smooth-sanded 100% North American Basswood, kiln-dried to a 6% – 10% moisture content and cut prior to finishing.

Cordless lift option uses 2" x 2 ¼" steel headrail with wand tilt only. Only available for 2" blinds.

Options:
- 1" slat
- 2½" slat
- Custom color program
- High gloss finish
- Classic 1" or 1½" fabric tapes
- Customer Own Material (C.O.M.) fabric tapes
- NoHoles™ privacy slat
- Wand tilt
- Simpull® continuous cord control
- Hold-down brackets
- Extension brackets
- Cut-outs
- Tension wire
- Specialty shapes include arches, angle top, circle, oval and trapezoid
- Motorized tilt only
**GRABER® TRADITIONS® 2" WOOD BLINDS**

### Product Features

- Slats exclusively of North American hardwood
- SureClose™ headrail system
- Trapezoid shape bottomrail
- NoHoles™ privacy option
- Fabric tape option
- 1" or 2 3/8" slat option
- 2 1/2" shutter-style slat option
- Cord tilt standard
- Wand tilt option
- Wood tassels
- Motorized tilt only
- Limited Lifetime Warranty

### Product Specifications

**SureClose™ Headrail** shall be 1 5/8" high x 2 1/4" wide x .022" thick U-shaped, steel with 1/8" light-blocking 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 with low HAP, polyester-baked enamel.

**Valance** shall be lineal grained, smooth-sanded 100% North American Basswood. Valance choices include Classic, Signature, Legacy, and Symphony.

**Cord Tilter** shall be a snap-in component incorporating a worm and pulley of low-friction thermoplastic and a nylon gear. Tilt cords shall be secured to pulley and treated with wood tassels at tilt end. Cord tilter is standard.

**Tilt rod** shall be electro-zinc coated solid steel measuring ¼" square.

**Cord lock** shall be of a snap-in design incorporating a floating, shaft-type locking pin in a die-cast housing and shall incorporate a crash-proof safety feature that will lock blind automatically upon release of cord.

**Cradles** shall be made of low-friction polypropylene with metal lift cord rollers.

**Drums** shall be made of high strength thermoplastic, which securely anchors braided ladder or fabric tapes.

**Braided ladder** shall be made of 100% polyester yarn, incorporating two extra strength rungs per ladder for slat support. Standard ladder spacing shall be 44mm.

**Installation brackets** shall be a universal style with hinged front cover phosphate-treated steel with urethane primer and polyester-baked enamel finish to match headrail.

**Slats** shall be made from North American hardwood and are resistant to warping. Slats shall be 2" wide x 1/8" thick.

**Bottomrail** shall be 5/8" high x 2" wide wood in a trapezoid shape to improve closure and shall coordinate with slats.

**Cordless lift** option uses 2" x 2 ¼" steel headrail with wand tilt only. Only available for 2" blinds.

### Options:

- 1" slat
- 2 3/8" slat
- 2 1/2" shutter-style slat
- NoHoles™ privacy slat
- Wand tilt
- Fabric tapes 1 1/2" or 1"
- Antique brass tassels
- Ring pull
- Ring tilt
- Extension brackets
- Hold-down brackets
- Cut-outs
- Motorized tilt only

Call 800-327-9798 or email architectsolutions@swfcontract.com

swfcontract.com
GRABER® TRADITIONS® 2" COMPOSITE BLINDS

Product Features

• PVC-free polystyrene slats
• SureClose™ headrail system
• Trapezoid shape bottomrail
• Authentic look of natural wood grain
• Cord tilt standard
• Wand tilt option
• NoHoles™ privacy option
• Fabric tape option
• 2½" shutter-style slat option
• Cordless option
• Motorized option - tilt only
• Lifetime warranty

Product Specifications

SureClose™ Headrail shall be 1 5/8" high x 2 1/4" wide x 0.022" thick U-shaped, extruded steel with 1/8" light-blocking 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 with low HAP, polyester-baked enamel.

Valance choices include Classic and Majestic.

Cord Tilter shall be a snap-in component incorporating a worm and pulley of low-friction thermoplastic and a nylon gear. Tilt cords shall be secured to pulley and treated with wood tassels at tilt end. Cord tilter is standard.

Tilt rod shall be electro-zinc coated solid steel measuring 1/4" square.

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.

Cradles shall be made of low-friction polypropylene with metal lift cord rollers.

Drums shall be made of high strength thermoplastic, which securely anchors braided ladder or fabric tapes.

Braided ladder shall be made of 100% polyester yarn, incorporating two extra strength rungs per ladder for slat support. Standard ladder spacing shall be 44mm.

Installation brackets shall be a universal style with hinged front cover phosphate-treated steel with urethane primer and polyester-baked enamel finish to match headrail.

Slats shall be a blend of PVC-free polystyrene measuring 2" wide x 1/8" thick with straight cut edges.

Bottomrail shall be a blend of PVC polymers 7/8" high x 2" wide in a trapezoid shape to improve closure and shall coordinate with slats.

Cordless lift option uses 2" x 2 ¼" steel headrail with wand tilt only. Not available with composite shutter-style slat.

Options:
• 2½" shutter-style slat
• NoHoles™ privacy slat
• Fabric tapes 1 ½" or 1"
• Wand tilt
• Ring pull
• Ring tilt
• Extension brackets
• Hold-down brackets
• Cut-outs
• Motorized - tilt only
**GRABER® LAKE FOREST® 2” PREMIUM FAUX WOOD BLINDS**

### Product Features
- Flat PVC slats meet NFPA 701
- SureClose’ headrail system
- Cord tilt standard
- Wand tilt option
- Braided ladder standard
- NoHoles™ privacy option
- 2½” slat option
- Fabric tape option
- Cordless
- Five year warranty

### Product Specifications

**SureClose’ Headrail** shall be 1 5/8” high x 2¼” wide x .022” thick U-shaped, extruded steel with 3/8” light-blocking 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 with low HAP, polyester-baked enamel.

**Valance** Choices include Classic and Majestic.

**Cord Tilter** shall be a snap-in component incorporating a worm and pulley of low-friction thermoplastic and nylon gear. Tilt cords shall be secured to pulley and treated with tassels at tilt end.

**Tilt rod** shall be electro-zinc coated solid steel measuring ¼” square.

**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.

**Cradles** shall be made of low-friction polypropylene with metal lift cord rollers.

**Drums** shall be made of high strength thermoplastic, which securely anchors braided ladder.

**Braided ladder** shall be made of 100% polyester yarn, incorporating two extra strength rungs per ladder for slat support. Standard ladder spacing shall be 44mm.

**Installation brackets** shall be a universal style with hinged front cover phosphate-treated steel with urethane primer and polyester-baked enamel finish to match headrail.

**Slats** shall be rigid, UV-stabilized, flat PVC nominally 2” wide x .10” thick with straight cut edges. Slats meet the requirement of NFPA 701 Test Method 1-2004 edition.

**Bottomrail** shall be extruded foam PVC 9/16” high x 2” wide in a trapezoid shape to improve closure and shall coordinate with slats.

**Cordless lift** option uses 2” x 2 ¼” steel headrail with wand tilt only. Available on 2” and 2 ½” slats only.

**Options:**
- NoHoles™ privacy slat
- Fabric tapes 1½” or 1”
- Wand tilt (2” only)
- Ring pull
- Ring tilt (2” only)
- Extension brackets
- Hold-down brackets
- Cut-outs
GRABER® LAKE FOREST® 2” FAUX WOOD BLINDS

Product Features

• Flat PVC slats meet NFPA 701
• SureClose™ headrail system
• Cord tilt standard
• Wand tilt option
• Braided ladder standard
• NoHoles™ privacy option
• 2½” slat option
• Fabric tape option
• Cordless
• Five Year Warranty

Product Specifications

SureClose™ Headrail shall be $1\frac{5}{8}”$ high x $2\frac{1}{4}”$ wide x $.022” thick U-shaped, extruded steel with $\frac{1}{8}”$ light-blocking 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 with low HAP, polyester-baked enamel.

Valance Choices include Classic and Majestic.

Cord Tilter shall be a snap-in component incorporating a worm and pulley of low-friction thermoplastic and nylon gear. Tilt cords shall be secured to pulley and treated with tassels at tilt end.

Tilt rod shall be electro-zinc coated solid steel measuring $\frac{1}{4}”$ square.

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.

Cradles shall be made of low-friction polypropylene with metal lift cord rollers.

Drums shall be made of high strength thermoplastic, which securely anchors braided ladder.

Braided ladder shall be made of 100% polyester yarn, incorporating two extra strength rungs per ladder for slat support. Standard ladder spacing shall be 44mm.

Installation brackets shall be a universal style with hinged front cover phosphate-treated steel with urethane primer and polyester-baked enamel finish to match headrail.

Slats shall be rigid, UV-stabilized, flat PVC nominally $2”$ wide x $.10”$ thick with straight cut edges. Slats meet the requirement of NFPA 701 Test Method 1-2004 edition.

Bottomrail shall be extruded foam PVC $\frac{9}{16}”$ high x $2”$ and shall coordinate with slats. $2”$ and $2\frac{1}{2}”$ Faux Wood blinds have a flat bottomrail.

Cordless lift option uses $2”$ x $2\frac{1}{4}”$ steel headrail with wand tilt only. Available on $2”$ and $2\frac{1}{2}”$ slats only.

Options:
• 2½” slat
• NoHoles™ privacy slat
• Fabric tapes $1\frac{1}{2}”$ or $1”$
• Wand tilt (2” only)
• Ring pull
• Ring tilt (2” only)
• Extension brackets
• Hold-down brackets
• Cut-outs
GRABER® 2" DESIGNER VINYL BLINDS

**Product Features**

- 2" wide PVC crowned slats meet NFPA 701
- SureClose™ headrail system
- Cord tilt standard
- Wand tilt option
- 1" or 1½" fabric tapes option
- Coordinates with 3½" PVC vertical louver
- Limited Lifetime Warranty

**Product Specifications**

**SureClose™ Headrail** shall be 1⅛" high x 2½" wide x .022" thick U-shaped steel with ⅛" light-blocking 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.

**Cord Tilter** shall be a snap-in component incorporating a worm and pulley of low-friction thermoplastic and a nylon gear. Tilt cords shall be secured to pulley and treated with tassels at tilt end.

**Tilt rod** shall be electro-zinc coated solid steel measuring ⅛" square.

**Cord lock** shall be metal of a snap-in design incorporating a floating, shaft-type locking pin. Cord lock shall incorporate a crash-proof safety feature that will lock blind automatically upon release of cord.

**Drums** shall be made of high strength thermoplastic, which securely anchors braided ladder or cloth tapes.

**Installation brackets** shall be a rivet-hinged front cover phosphate-treated steel with urethane primer and polyester-baked enamel finish to match headrail.

**Braided ladder** shall be made of 100% polyester yarn, incorporating two extra strength rungs per ladder to support slats. Standard ladder spacing is 44mm.

**Slats** shall be rigid, UV-stabilized, crowned PVC nominally 2" wide x .045" thick with straight cut edges. Slats meet the requirement of NFPA 701 Test Method 1-2004 edition.

**Bottomrail** shall be extruded foam PVC 9/16" high x 2" wide and shall coordinate with slats.

**Options:**
- Wand tilt
- Ring pull
- Ring tilt
- Extension brackets
- Hold-down brackets
- Cut-outs
- Deluxe valance
# Horizontal Blinds

## Features and Options

<table>
<thead>
<tr>
<th>SLATS</th>
<th>Cordless 1&quot; Aluminum</th>
<th>S3000® 1&quot; Aluminum</th>
<th>Classics™ 1&quot; Aluminum</th>
<th>CustoMiser® 1&quot; Aluminum</th>
<th>Apt. Mini</th>
<th>Std. Micro</th>
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<th>Incline Wire</th>
<th>Dual HR Skylight</th>
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## Controls

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<th>Clutch Wand Tilter</th>
<th>Tilt Limiter</th>
<th>Cord Tilter</th>
<th>Ring Tilter</th>
<th>Crash-proof Cord lock</th>
<th>Top-lock Cord lock</th>
<th>Ring Pull</th>
<th>All Controls on One Side</th>
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## Brackets

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<thead>
<tr>
<th>BRACKETS</th>
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<th>Turn Clips</th>
<th>Snap-in Hidden Brackets</th>
<th>Wire Tension Brackets</th>
<th>Extension Brackets</th>
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<th>Cut-outs</th>
<th>2-slat Valance</th>
<th>Deluxe 2-slat Valance</th>
<th>2 or 3 Blinds on 1 Headrail</th>
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## Other

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# Horizontal Blinds Features and Options

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<th>Cordless</th>
<th>Motorized</th>
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<th>BRACKETS</th>
<th>End-support Box Brackets</th>
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<th>Hold-down Brackets</th>
<th>Cut-Outs</th>
<th>Decorative Valance(s)</th>
<th>2 or 3 Blinds on 1 Headrail</th>
<th>Vinyl Tape</th>
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HORIZONTAL BLINDS SPECIAL OPTIONS AND POCKET INSTALLATIONS

Top-lock Cord Lock
- Locks blind in fully raised position only
- Provides uniform exterior appearance
- Ring pull with 4" controls optional
- Telescopic pole optional
- Available on S3000™, Classics™, CustoMiser® and Micro

Tilt Limiter
- Uniform exterior appearance
- Reduces thermal stress
- Up/down settings are nominally 0°, 20°, 40°, 60° and 80° (or any combination of these angles)
- Can be field adjusted
- Available on S3000™, Classics™, CustoMiser® and Micro

Turn Clips
- Used in extruded blind pockets
- Clips lock into extruded aluminum channel
- Slotted for easy installation and removal
- Color coordinated and custom sized
- Classics™ blind minimum inside dimension is 1 5/8" x 1 1/4"
- CustoMiser® blind minimum inside dimension is 1 1/8" x 1 1/4"
- Design guidelines for extruded pockets available upon request

Pocket Brackets
- Two-piece bracket for pocket installation
- Minimum pocket width is 3" (additional width required as pocket depth increases)
- Available for Classics™ only
- Stacking height = Blind drop x .035 + 2"

Stack Height Schedule

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<th>Stacking Height</th>
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Stacking Height = [Blind Drop x 0.035] + 2"
GRABER® TRADITIONS® WOOD SHUTTERS

Product Features

- Slats exclusively North American hardwood harvested through the practice of “sustained yield forest management”
- Paint, Stain, or Custom color
- Standard or Hidden Tilt
- Specialty Shapes
- Limited Lifetime Warranty

Product Specifications

Material: North American hardwood. Paint grade to consist of finger joined hardwood. Stain grade to consist of sorted hardwood per light, medium, and dark color.

Tilt rods: Standard tilt is hardwood, hide-a-tilt is .032” thick stainless steel.

Hinges: .075” thick cold-rolled steel painted or plated. Available hardware colors are white, off-white, bright brass, antique brass, satin nickel, or oil rubbed bronze.

Divider rails: Panels available with one or two divider rails. Rails may vary 2” up or down from the ordered location.

Louver clearance: For 2½” louvers a minimum of ¾” of clearance behind the shutter is needed. For 3½” louver, 1¼” clearance is required, for 4½” louvers 1¾” of clearance is required. Hide-a-tilt requires 1/8” additional clearance.

Tension screws: Two per shutter section used to adjust the louver tension. 4½” louvers will have 4 per louver section.

Window squareness: If a window is measured diagonally and it measures more than ¼” out of square, then an outside mount shutter is required.

Panel size: Maximum panel size is 36” x 120”. Minimum panel size is 9” x 15”. Bifold panels cannot exceed 26” in width.

Options:
- 2½”, 3½”, or 4½” louvers
- Standard tilt or hide-a-tilt
- Bypass or bifold
- Café
- Single or double mousehole
- Split tilt rods
- Astragal stiles
- Specialty shapes
- Framed and unframed
- French doors
- Custom colors

Frame types:
- Inside mount frames: hangstrip, direct mount and Z-frame
- Outside mount frames: L-frame and deco frame
- Stain or paint
- 9 frame configurations
- 32 panel configurations
GRABER® TRADITIONS® COMPOSITE SHUTTERS

Product Features

- Slats Polyvinyl Chloride (PVC), ABS, Acrylics
- FR Rated - Meets California Fire Marshal Title 19: Section 1237 Fire Resistance; Small Scale Test
- Standard or Hidden Tilt
- Limited Lifetime Warranty

Product Specifications

Material: Polyvinyl Chloride (PVC), ABS, Acrylics, with calcium carbonate and other fillers.

Tilt rods: Standard tilt is PVC, hide-a-tilt is .032" thick stainless steel.

Hinges: .075" thick cold-rolled steel painted or plated. Available hardware colors are white, off-white, bright brass, antique brass, satin nickel, or oil rubbed bronze.

Divider rails: Panels available with one divider rail only. Rails may vary 2" up or down from the ordered location. Divider rails are required in panels over 72" in height.

Louver clearance: For 2½" louver, a minimum of ¾" of clearance from back to stile is needed. For 3½" louver, 1¼" clearance is required, for 4½" louver, 1¾" of clearance is required. Hide-a-tilt requires ⅛" additional clearance.

Tension pins: Two different louver pins are used in the shutter panels to increase louver tension.

Window squareness: If a window is measured diagonally and it measures more than ¼" out of square, then an outside mount shutter is required.

Panel size: Maximum panel size is 30" x 96". Minimum panel size is 9" x 15". Bifold panels cannot exceed 24" in width.

Support bar: Stiles contain an aluminum reinforcement rod to add rigidity to the panel.

Options:
- 2½", 3½", or 4½" louver
- Standard tilt or hide-a-tilt
- Bypass
- Café
- Single or double mousehole
- Split tilt rods
- Astragal stiles
- French Doors
- Specialty shapes

Frame types:
- Inside mount frames: hangstrip, direct mount and Z-frame
- Outside mount frames: L-frame and deco frame
- 3 shades of white
- 9 frame configurations
- 32 panel configurations
GRABER® G-98 ULTRA-VUE™ VERTICAL BLINDS

Product Features

Options:
• One Touch® wand control
• Valance
• Bottom chain
• Extension brackets
• Bay window application

Product Specifications

Headrail shall be 1 3/8" wide x 1 3/16" high with an average wall thickness of .050" and made of anodized aluminum alloy 6063-T5 with a bright dip finish.

Carriers shall be made of molded acetyl 5/16" wide for tight stacking and shall traverse on self-lubricated wheels for smooth operation. Carriers shall be centrally located, making the headrail reversible, and are replaceable without demounting the headrail.

Self-aligning stems shall be made of clear, non-yellowing, Uv-stabilized nylon and are impact-resistant. Stems automatically realign when rotated, eliminating out-of-sync louvers; stems shall be replaceable without demounting the headrail.

Rotation control shall consist of #6 nickel-plated steel bead chain and a rack-and-pinion gear system, providing 180° direct rotation. The pinion rod shall be extruded aluminum 0.235" diameter. A 6-1 gear ratio provides effortless rotation regardless of blind size.

Traversing control shall be a stainless steel spacer system providing uniform louver spacing. Traverse cord is Danskord 1.8mm diameter and is equipped with a tension device and cord clip. The cord clip is placed above the tension device to prevent a hazardous cord loop. The cord clip should be properly anchored to the wall or window jamb in accordance with installation instructions and consistent with requirements of the American National Standard for Window Covering Safety ANSI-WCMA A100.1.

Installation brackets shall be made of zinc-plated, heat-treated steel and provided for overhead, wall or ceiling installation per the contract documents.

Louvers shall be selected from the Graber® line of PVC offerings in 2" or 3 1/2" widths and/or fire-rated fabrics in 3 1/2" widths. FR certifications are available upon request.

• 1 3/8" x 1 3/16" heavy duty extruded aluminum
• Stainless steel carrier spacing
• Self-aligning centered carrier stems
• Clear non-yellowing stems
• #6 nickel plated steel rotation
• One Touch® wand control option
• Lifetime headrail warranty
GRABER® G-71 SUPER-VUE® VERTICAL BLINDS

**Product Features**

- **Headrail** shall measure 1\(\frac{15}{16}\)" wide x 1\(\frac{3}{8}\)" high with an average wall thickness of .050" and made of anodized aluminum alloy 6063-T5 with a satin finish.

- **Carriers** shall be made of molded acetyl and traverse on self-lubricated wheels for smooth operation. Carriers shall be centrally located, making the headrail reversible. Stems shall be made of clear, non-yellowing, Uv-stabilized nylon and are impact-resistant. Carriers and stems shall be replaceable without demounting the headrail.

- **Rotation control** shall consist of #10 nickel-plated steel bead chain and a dual rack-and-pinion gear system, providing 180° direct rotation. The pinion rod shall be extruded aluminum 0.30" diameter. Standard E-Z Open™ feature will automatically rotate louvers open when the traverse cord is operated.

- **Traversing control** shall be a pantograph system made of hard-tempered, 18 gauge (0.046") plated steel, ensuring precise and proportional louver spacing. Traverse cord is #3 braided polyester with a fiberglass core, 0.094" diameter and is equipped with a cord weight or tension device and cord clip. The cord clip is placed above the cord weight or tension device to prevent a hazardous cord loop. The cord clip should be properly anchored to the wall or window jamb in accordance with installation instructions and consistent with requirements of the American National Standard for Window Covering Safety ANSI-WCMA A100.1.

- **Installation brackets** shall be made of zinc-plated, heat-treated steel and provided for overhead, wall or ceiling installation per the contract documents.

- **Louvers** shall be selected from the Graber® line of PVC offerings in 2" or 3\(\frac{1}{2}\)" widths and/or fire-rated fabrics in 3\(\frac{1}{2}\)" widths. FR certifications are available upon request.

**Options:**

- One Touch® wand control
- Valance
- Stack release
- Bottom chain
- Extension brackets
- Custom painted headrail
- Curved headrail
- Angle headrail
- Bay window application
GRABER® G-85 DURA-VUE® VERTICAL BLINDS

Product Specifications

**Headrail** shall be roll-formed, phosphate-treated steel with a baked enamel finish in Ivory Gloss. Headrail shall measure 1 1/2" wide x 1 1/4" high x .027" thick.

**Carriers** shall be made of molded nylon on traversing wheels and centrally located, making the headrail reversible. Detachable stems shall be clear, non-yellowing, Uv-stabilized nylon and are impact-resistant. Carriers and stems shall be replaceable without demounting the headrail.

**Rotation control** shall consist of #6 nickel-plated steel bead chain and a rack-and-pinion gear system, providing 180° direct rotation. The pinion rod shall be extruded aluminum 0.30" diameter.

**Traversing control** shall be a nylon strap system. Traverse cord is #3 braided polyester with a fiberglass core, 0.094" diameter and is equipped with a tension device and cord clip. The cord clip is placed above the tension device to prevent a hazardous cord loop. The cord clip should be properly anchored to the wall or window jamb in accordance with installation instructions and consistent with requirements of the American National Standard for Window Covering Safety ANSI-WCMA A100.1.

**Installation brackets** shall be made of zinc-plated, heat-treated steel and provided for overhead, wall or ceiling installation per the contract documents.

**Louvers** shall be selected from the Graber® line of PVC offerings in 2" or 3 1/2" widths and/or fire-rated fabrics in 3 1/2" widths. FR certifications are available upon request.

---

**Options:**
- One Touch® wand control
- Valance
- Bottom chain
- Extension brackets
- Bay window application

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**Product Features**

- 1 1/2“ x 1 1/4“ roll-formed steel headrail
- Wheeled carriers
- Centered carrier stems
- Clear non-yellowing stems
- #6 nickel plated steel rotation chain
- One Touch® wand control option
- Ten-year headrail warranty
GRABER® VERTICAL BLINDS

FEATURES AND OPTIONS

Louver Options

**PVC Louvers**

PVC louvers are available in 2" and 3½" widths and comply with NFPA 701 large scale test. Springs Window Fashions extrudes a wide range of PVC louvers using 100% PVC compound designed specifically for use in window treatments. PVC louvers are available in a wide variety of solid, duplex, embossed and printed color patterns. Additional options include crowned perforated louvers in your choice of 3¾%, 6¾% and 12¾% openness. Number 3 nickel-plated steel bead bottom chain is an option on 3½" louvers and is attached by installing the chain into a center keyhole cutout. Bottom chain is not an option with 2" PVC or Channel Panel PVC.

**Fabric Louvers**

Brighton and solar louvers are 3½" wide, are fire resistant and comply with NFPA 701 Small Scale Test and California Fire Marshall Title 19:1237.1 Small Scale Test. All fabric louvers feature a sewn-in bottom weight and come standard without bottom chain. Optional bottom chain shall be a single-sided #3 nickel-plated steel beaded chain, and is attached to the backside of the fabric louver with a clear plastic spring clip.

**Stay-Clear™ Channel Panel**

To increase privacy and room darkening, fabric louvers can be inserted into Channel Panels. The crystal clear edge channels are nearly invisible, yet hold fabrics securely and will not yellow over time. The opaque vinyl louvers provide additional privacy and are available on 3½" louvers only.

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<tr>
<th>▲ Standard</th>
<th>Optional</th>
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<tbody>
<tr>
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<td>G-98 Ultra-Vue™</td>
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<tr>
<td>Steel Headrail</td>
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<tr>
<td>Stainless Steel Strap Traverse System</td>
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<td>Steel Pantograph Traverse System</td>
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<td>Nylon Strap Traverse System</td>
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<tr>
<td>E-Z Open™ Cord Control</td>
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<tr>
<td>Self-aligning Carrier Stems</td>
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<tr>
<td>Wheeled Carriers</td>
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<tr>
<td>Non-yellowing Carrier Stems</td>
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<tr>
<td>Stack Release</td>
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<td>Curved Headrail</td>
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<tr>
<td>Angle Headrail</td>
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<tr>
<td>Maximum Length</td>
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* One Touch – overall maximum size not to exceed 70 sq. ft.
### Product Features for Graber CrystalPleat® Cellular Shades

- Fabrics available in 3/8" or 3/4" single cell and 3/8" double cell construction
- Color coordinated aluminum head and bottom rail
- Low profile aluminum headrail
- Snap-in hidden brackets
- Concealed cords
- Standard lift cord/cord lock control
- Continuous cord-loop option
- Cordless lift system option
- Bottom up/top down option
- Top down only with continuous cord loop
- Sun up/sun down option
- Specialty shape option
- Motorized option
- Lifetime headrail warranty

### Product Features for Graber EvenPleat® Pleated Shades

- Brighton FR pleated fabric meets NFPA 701
- Never-sag EvenPleat® technology
- Color coordinated aluminum head and bottom rail
- Low profile, .665" x 1.54" aluminum headrail
- Snap-in hidden brackets
- Standard lift cord/cord lock control
- Continuous cord-loop option
- Cordless lift system option
- Bottom up/top down option
- Sun up/sun down option
- Specialty shape option
- Motorized option
- Lifetime headrail warranty

### Product Features for Graber FashionPleat® Pleated Shades

- Brighton FR pleated fabric meets NFPA 701
- Color coordinated aluminum head and bottom rail
- Low profile, .665" x 1.54" aluminum headrail
- Snap-in hidden brackets
- Standard lift cord/cord lock control
- Continuous cord-loop option
- Cordless lift system option
- Bottom up/top down option
- Sun up/sun down option
- Specialty shape option
- Motorized option
- Lifetime headrail warranty
<table>
<thead>
<tr>
<th>Cross Section</th>
<th>Mounting</th>
<th>Traverse and Heading Style</th>
<th>Fabric Weight Rating Max. Length Draw Type</th>
<th>Features</th>
</tr>
</thead>
</table>
| Series 9-804  | Cord     | Two-way One-way Per Lin. Ft. | 210 lb. 140 lb. 5 lb.                   | • Separate cord channel  
• Ball bearing end pulleys  
• Ball bearing master carriers  
• Forward-canted ball bearing carriers provide erect headings and easy traversing  
• Bend in 12" radius; can be continuously curved |
|               | Pinch    | Two-way One-way              | 42 ft. 28 ft.                            |          |
| Series 9-808  | Hand Baton | Two-way One-way Per Lin. Ft. | 240 lb. 120 lb. 5 lb.                   | • For heavy duty cubicle track  
• Forward canted ball bearing carriers provide erect headings and easy traversing  
• Baton available for recessed applications and tight curves  
• Bend in 12" radius and reverse curves  
• Bend in continuous curves |
|               | Pinch    | Two-way One-way              | 48 ft. 24 ft.                            |          |
| Series 9-8191 | Baton    | Two-way One-way Per Lin. Ft. | 240 lb. 120 lb. 5 lb.                   | • Painted white track can be bent to any angle on 12" radius; no continuous or reverse curves  
• All metal master carriers with adjustable overlap/baton arms  
• Forward-canted ball bearing carriers provide erect headings and easy traversing  
• Economy slides available  
• Snap-in ceiling clips are available for ceiling mount  
• Track can be drilled for direct screw mount |
|               | Pinch    | Two-way One-way              | 48 ft. 24 ft.                            |          |
### Super Duty Slimline Track Systems

<table>
<thead>
<tr>
<th>Cross Section</th>
<th>Mounting</th>
<th>Traverse and Heading Style</th>
<th>Fabric Weight Rating</th>
<th>Draw Type</th>
<th>Features</th>
</tr>
</thead>
</table>
| Series 9-657  | Cord     | Two-way One-way Per Lin. Ft.| 210 lb. 60 lb. 2.5 lb.|           | • Separate cord channel and ball bearing end pulleys  
 |               |          |                           |          |           | • Swivel action snap-in pendants  
 |               | Pinch    | Two-way One-way           | 48 ft. 24 ft.      |           | • Double-sided pendants hold both drapery and liner  
 |               | Stack    |                           |          |           | • Front-loading pendants for quick installation and removal  
 |               | Roll     |                           |          |           | • Drapery and liner can be installed separately  
 |               |          |                           |          |           | • Six hard thermoplastic wheels on each master carrier  
 |               |          |                           |          |           | • Heavy duty steel master carrier arms adjust for best closure  
 |               |          |                           |          |           | • Carriers have hard thermoplastic wheels for long lift, smoothest traversing  
 |               |          |                           |          |           | • Bend to any angle using 12" radius; can be continuously curved; no reverse curving  
| Series 9-650  | Baton    | Two-way One-way Per Lin. Ft.| 60 lb. 30 lb. 2.5 lb.|           | • Dual wheeled carriers with hard thermoplastic wheels for long life and smoothest traversing  
 |               |          |                           |          |           | • Baton attaches over drapery for faster installation  
 |               | Pinch    | Two-way One-way           | 32 ft. 16 ft.      |           | • Swivel action snap-in pendants  
 |               | Stack    |                           |          |           | • Double-sided pendants hold both drapery and line  
 |               | Roll     |                           |          |           | • Front-loading pendants for quick installation and removal  
 |               |          |                           |          |           | • Drapery and liner can be installed separately  

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**Call 800-327-9798 or email architectsolutions@swfcontract.com**

**swfcontract.com**
Conservation and recycling

Conservation is one of the core values of SWF. All wood blinds are crafted exclusively from North American hardwoods, carefully harvested through the practice of "sustained yield forest management." Sound forestry techniques, as well as the recycling of sawdust and wood shavings, provides for a manufacturing process that puts the preservation of our natural resources first. Recycling raw materials, including aluminum, steel and PVC, is a key component of our daily business practice and the overall strategic direction of the company. Additionally, SWF continues to invest in new technology that minimizes the environmental impact of our manufacturing operation.

Advanced Finishing Technology

Environmental responsibility and process innovation are core values of SWFcontract. All Bali® aluminum horizontal blinds feature state-of-the-art paint processes that result in high performance products without compromising our corporate commitment to reduce manufacturing waste materials. The aluminum slat material is treated with Advanced Finishing Technology (AFT). AFT delivers anti-static performance to repel dust.

Life and product safety

SWF places a high value on the health and safety of its employees, as well as the people who use our products. SWF manufactures a wide range of certified flame retardant solar shades, horizontal blinds, vertical blinds, and faux wood blinds. FR test data and certifications for all products are available upon request.

Compliance certification

SWF certifies that all metal horizontal blinds meet or exceed Federal Specification AA-V-00200-B of June 5, 1973 for Type 1 or Type 2 venetian blinds, with the exception of areas where the federal specification has become obsolete. The American Window Covering Manufacturers Association (AWCMA) document 1029-86 specifies performance standards for metal horizontal blinds. All Bali® metal horizontal blinds meet or exceed these performance standards. In addition, all of our products meet or exceed the current ANSI-WCMA A100.1-Z010 PS American National Standard for Safety of Corded Window Covering Products.

Shading

Window treatments, in conjunction with high performance glazing systems, contribute to the reduction of energy consumption in commercial buildings by acting as a shading device for incoming solar radiation. Appropriate window coverings enhance the interior environment by optimizing daylight and controlling glare. SWF offers the specifier maximum design flexibility, color and style options, reliability and long-term value for the owner.
## Solar, Thermal and Acoustical Test Information

<table>
<thead>
<tr>
<th>Product</th>
<th>Material</th>
<th>Color</th>
<th>Shading Coefficient</th>
<th>Thermal Transmittance Properties</th>
<th>Acoustical</th>
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<td>Single Pane</td>
<td>Dbl. Pane</td>
<td>U-Value</td>
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### Solar Heat Control Properties

#### Fabrics Installed Internally, Zero-Degree Profile Angle

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<th>Product</th>
<th>Color</th>
<th>RS</th>
<th>AS</th>
<th>TV</th>
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</table>

* U and R-Value results based on single pane ¼” glass except those marked with *, which are based on double panes of ½” glass.

1. Rs - Reflected Transmittance
2. As - Absorbed Transmittance
3. Ts - Transmittance

---

**SheerWeave Style 2500 - Average Openness 1%**

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<th>Style No.</th>
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<th>RS</th>
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**SheerWeave Style 2410 - Average Openness 3%**

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**SheerWeave Style 2390 - Average Openness 5%**

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</tbody>
</table>

**SheerWeave Style 2360 - Average Openness 10%**

<table>
<thead>
<tr>
<th>Style No.</th>
<th>Color</th>
<th>TS</th>
<th>RS</th>
<th>AS</th>
<th>TV</th>
<th>Shading Coefficient</th>
<th>Solar Properties</th>
<th>Insulating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1/8 CL</td>
<td>1/4 CL</td>
<td>1/4 HA</td>
</tr>
<tr>
<td>P13</td>
<td>Oyster/Beige</td>
<td>24</td>
<td>51</td>
<td>25</td>
<td>19</td>
<td>0.46</td>
<td>0.45</td>
<td>0.38</td>
</tr>
<tr>
<td>V24</td>
<td>Charcoal/Chestnut</td>
<td>11</td>
<td>5</td>
<td>84</td>
<td>12</td>
<td>0.74</td>
<td>0.70</td>
<td>0.51</td>
</tr>
</tbody>
</table>

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**CONSERVATION, COMPLIANCE AND TESTING**

Call 800-327-9798 or email architectsolutions@swfcontract.com