WebbGlide

SIMPLE - INNOVATIVE - DURABLE
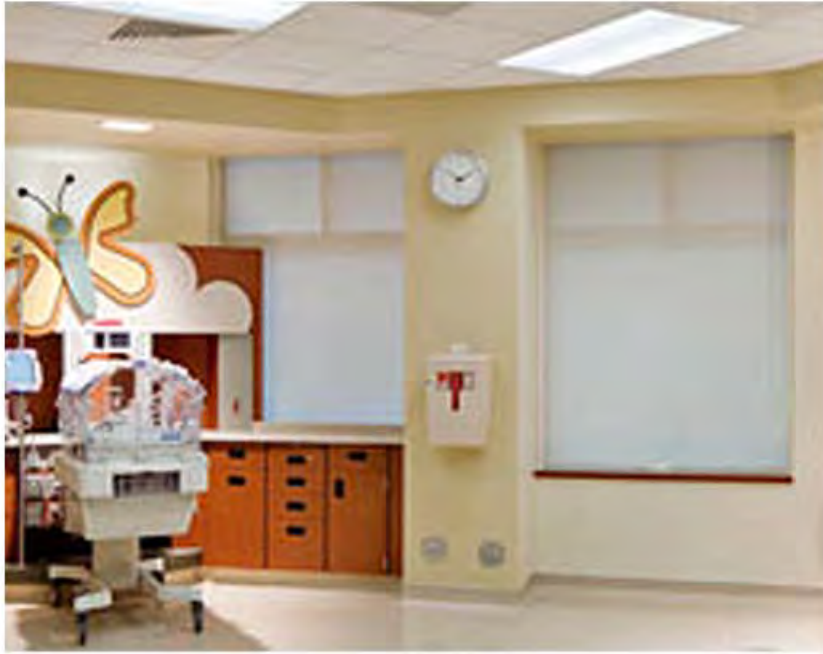
WebbGlide

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SIMPLE - INNOVATIVE - DURABLE

WebbGlide

WINDOW TREATMENT SOLUTIONS

The WebbGlide shade system offers cordless fingertip control with the added benefit of privacy tracks. Adapted as a lower cost version of our Level-Lok system, the WebbGlide is a durable and attractive alternative for offices, hospital patient rooms, schools, dormitories, elder care facilities, military housing, and any other environment needing trouble-free window treatments. Floor to ceiling or out of reach windows can be motorized or operated with a premium Rollease clutch system.

MOTORIZED

WebbShade is an expert in planning and installing motorized shade installations throughout the USA. Our motorized shades utilize our privacy track offering increased security, durability and glare reduction.

DUAL SHADES

We can mount both a blackout shade and a solar screen shade in the same window to optimize light control for every situation.

FABRIC CHOICES -
IDEAL FOR COMMERCIAL USE

VINYL SHADE FABRIC

WebbShade's custom print collection includes both blackout and light filtering patterns offering 100% privacy. Want to create an extraordinary environment? We offer in-house custom printed patterns, logos, or photos on your shades.

SOLAR SCREEN MESH

Choose from Vertilux Sunscreen, Alkenz Sunshadow or Phifer 7100 in various weights, light filtering percentages, and color assortment. They can also be printed to your specifications.

Decorative fabric textures add a warm, elegant atmosphere to long term residential facilities, libraries and schools. All fabrics are GreenGuard certified, anti-bacterial (ASTM G21, ASTM G22), environmentally friendly (Oeko-Tek Standard 100), energy saving, and non-toxic, as well as flame retardant (NFPA 701, CA US Title 19).

All WebbShades are proudly made in the USA.

WebbGlide
PRICE RANGE ESTIMATES

Level 2	$136.00	Reinforced Vinyl Scrim
Level 3	$156.00	Vertilux Blackout Collection
Level 5	$181.00	Alkenz Sunshadow / Vertilux Noche
Level 6	$207.50	Vertilux Screens
Level 7	$237.50	Printed Vinyl / Unprinted Phifer 7100
Level 8	$269.50	Printed Alkenz, Vertilux, Phifer 7100

Prices based on 48 " x 60" window

The above prices include fabric or extruded vinyl valance and normal mounting hardware. WebbGlide available with Rollease clutch system with no upcharge.

Specialty fabric choices, OEM fabrics, and printed fabrics may involve additional charges.

Installation, and specialty hardware, such as an optional metal valance, are additional.

For dual shade, combine prices of each shade type.

Motorization available for WebbGlide shades. Contact factory for pricing. Quantity discounts are available. Please send us your exact window count, approximate sizes, list any special needs, and we will calculate your pricing for you.

Quantity Discount *(on shades only)*	
20 or more shades	3%
40 or more shades	7%
70 or more shades	10%
200 or more shades	15%

WebbGlide
PRODUCT WARRANTY

25 Year Warranty

**WEBBGLIDE
SHADE SYSTEM**

We maintain a 25 year warranty on operating hardware against defects in material and workmanship from the date of installation. This warranty covers the shade in normal commercial use and does not cover damage caused by improper operation, forced operation, or willful abuse. Shades must be returned to factory or authorized agency, freight prepaid, for inspection. Repair or replacement will be made at WebbShade's discretion.
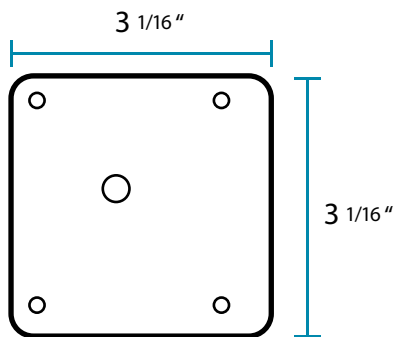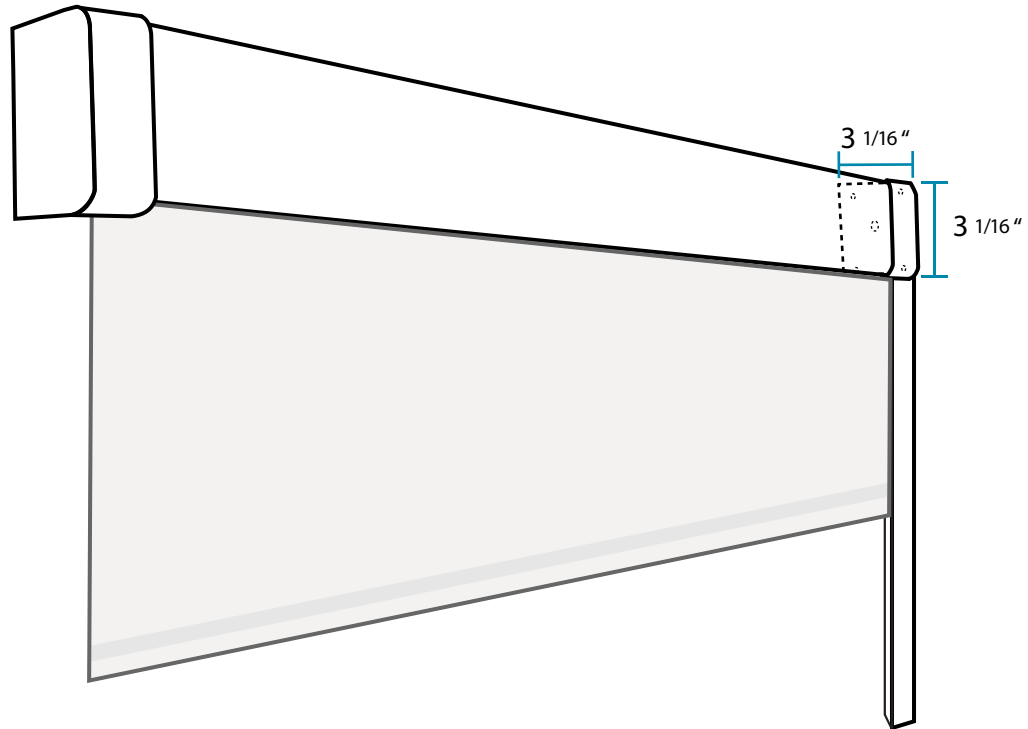
3 Year Warranty

SHADE FABRICS

We maintain a 3 year warranty on fabrics used on the WebbShade systems against defects in material and workmanship from the date of installation. This covers the shade in normal commercial use and does not cover damage caused by improper cleaning, or willful abuse such as slashing, cutting, excessive heat, etc. Shades must be returned to factory or authorized agency, freight prepaid, for inspection. Repair or replacement will be made at WebbShade's discretion.

1 Year Warranty

INSTALLATION

WebbShade guarantees installation for 1 year upon date of completion for services performed by one of our factory trained installers. A happy and satisfied lifetime customer is our goal.

ABS Valance
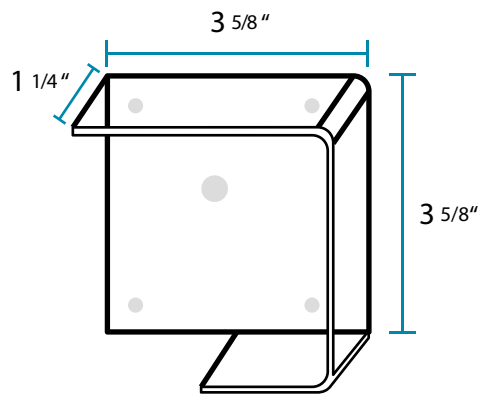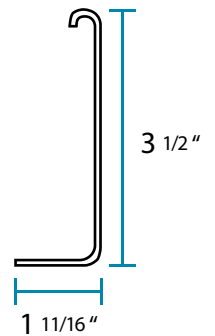
3 1/16 "

3 1/16 "

3 1/16 "

3 1/16 "

Bracket Plate

3 5/8 "

1 1/4 "

3 5/8 "

End Cap

3 1/2 "

1 11/16 "

Fascia Front

Fabric Valance

8"

3 1/16"

3 5/16"

1 1/2"

1 3/4"

3 1/16"

2 5/16"

3 5/16"

Bracket Plate - Front

1/2"

Headrail
Mount

Bracket Plate - Side

3/4"

1 1/2"

Headrail
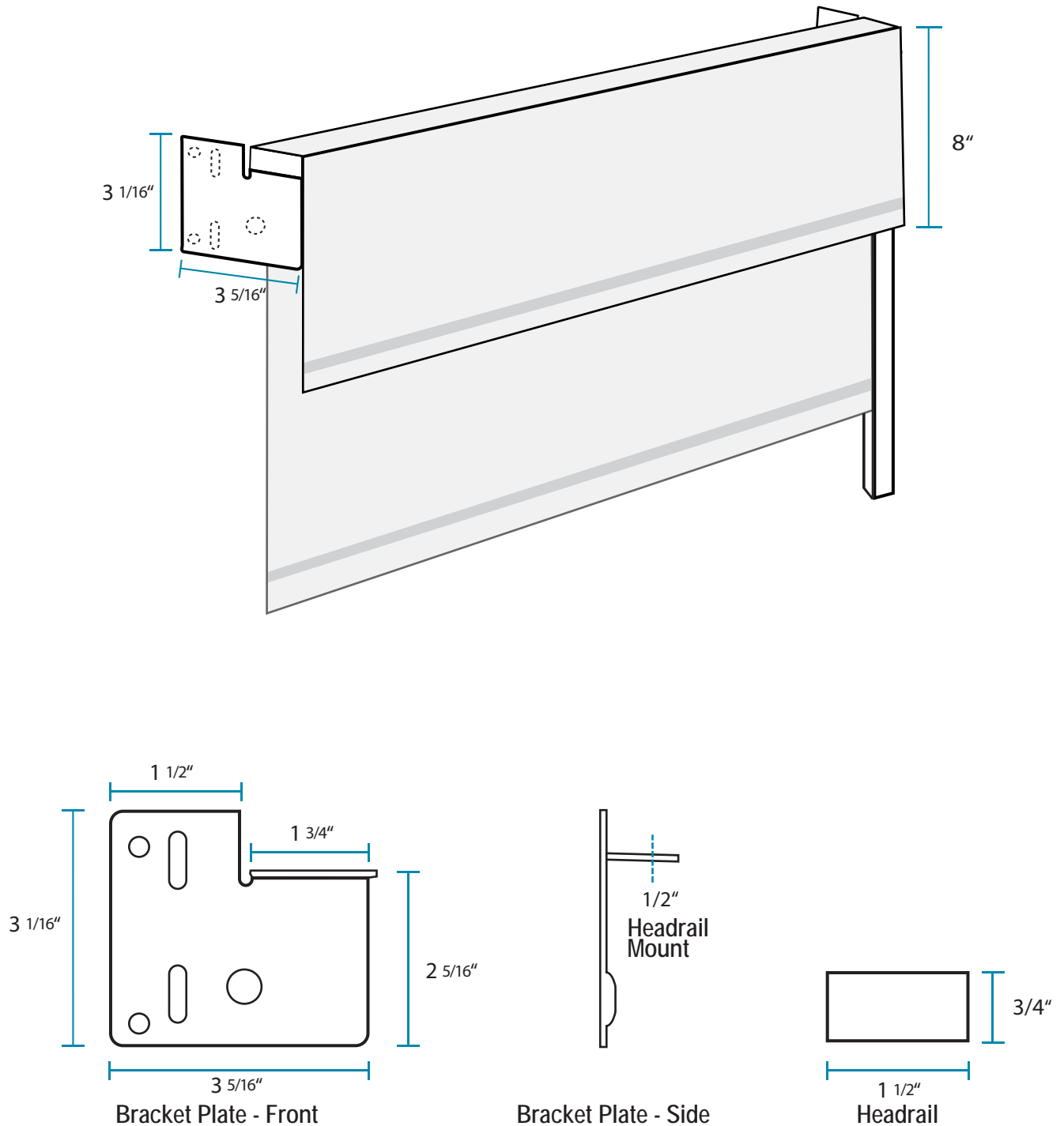
WebbGlide Mullion Plan View

Standard mullion 1" x 1" *(size may vary per project requirements)* with typical U guide track placement.
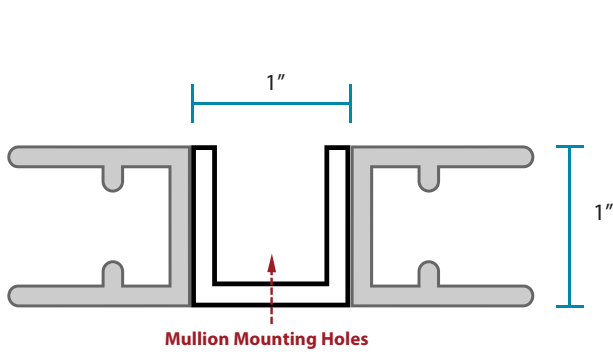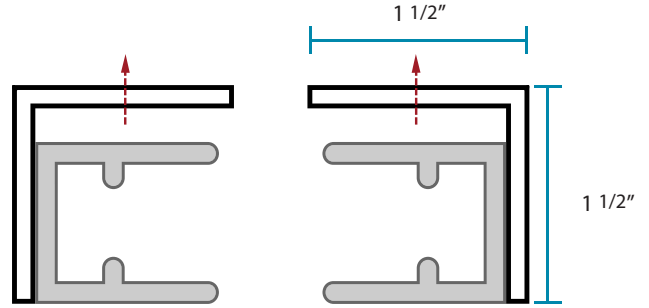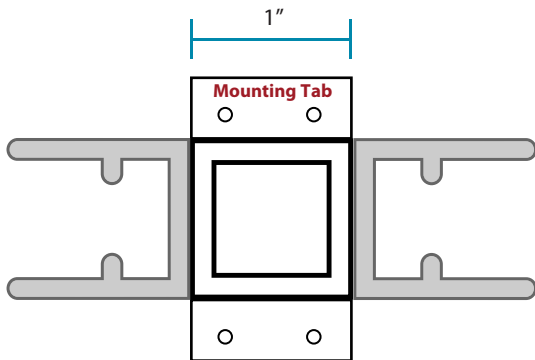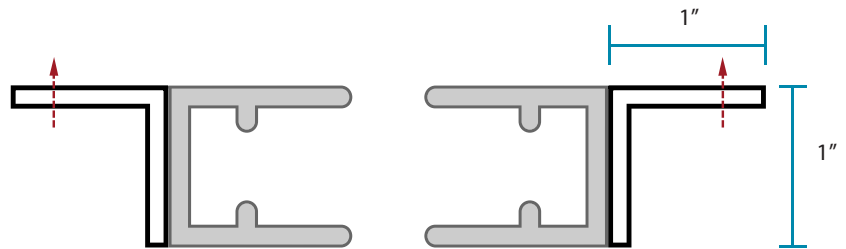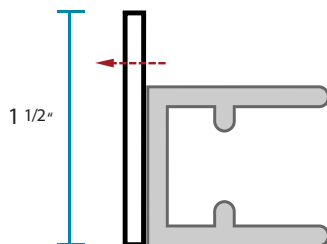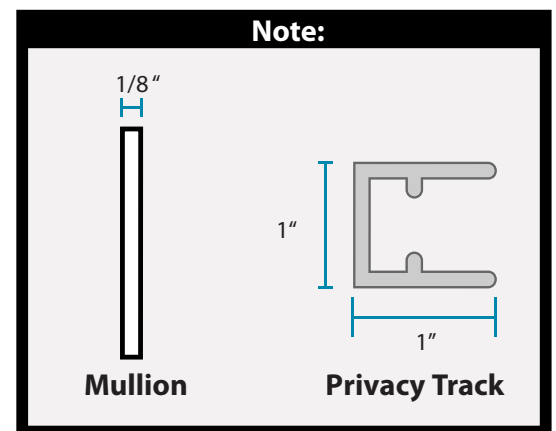
1"

1"

Mullion Mounting Holes

"H" Mullion

1 1/2"

1 1/2"

"L" Mullion Leg In

1"

Mounting Tab

Floater Mullion

1"

1"

"L" Mullion Leg Out

1 1/2"

Flange

Note:	
1/8"	
Mullion	1" · 1" · **Privacy Track**

Hardware Selector

WebbGlide privacy track and extruded vinyl fascia are available in the following colors:
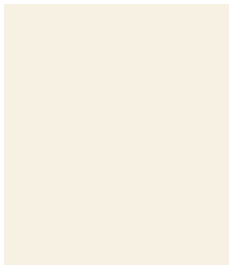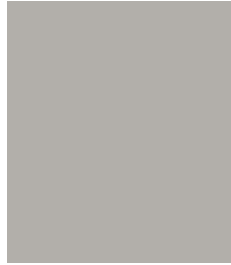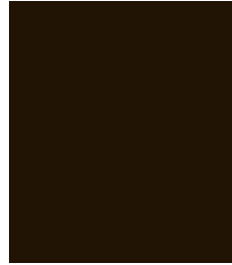
Almond   Gray   Bronze

Mullions are available in the following standard colors:
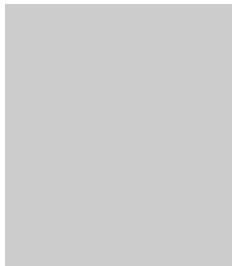
Clear Mill Finish   White   Off-White   Beige   Bronze Anodized
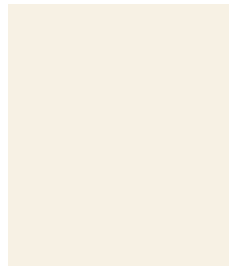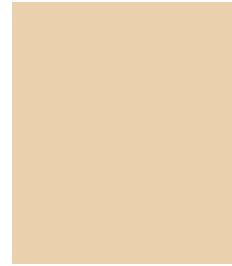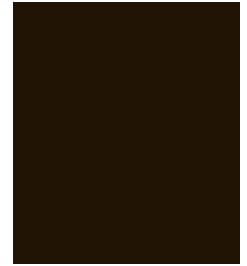
* Additional powder-coat colors available upon request, charges may apply.

* Due to variances among monitors and printers, the color represented may appear differently than the actual products. Please contact the factory directly for samples.

WEBB

Division 12-
WebbGlide Roller Shade

PART 1 GENERAL

1.1 SECTION INCLUDES

    A. Sunscreen roller shades.

    B. Room darkening roller shades.

    C. Room darkening and sunscreen double roller shades.

1.2 REFERENCES

    A. ASTM G 21 - Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.

    B. NFPA 70 - National Electrical Code.

    C. NFPA 701 - Fire Tests for Flame-Resistant Textiles and Films.

    D. GREENGUARD - Indoor Air Quality Certified

    E. GREENGUARD Children & Schools - Indoor Air Quality Certified

1.3 SUSTAINABILITY REQUIREMENTS

    A. Locally Sourced: 90% of materials manufactured locally in Southern California Region

    B. Recycled Content:

       1. Pre Consumer: Aluminum and cardboard

       2. Post Consumer:
          a. Solar Screen Fabric 100% recyclable
          b. Aluminum roller tubes and mullions
          c. Steel roller spring, center spring, fasteners and bracket plates
          d. Plastic end tips, ABS valance, end caps and track
          e. Cardboard crates and boxes

    C. Low Emitting Materials
          a. GREENGUARD - Indoor Air Quality Certified
          b. GREENGUARD Children & Schools - Indoor Air Quality Certified

    D. Optimized Energy Performance

          a. Solar screen fabric blocks more than 80% of solar heat and 98% of harmful UV rays, lowering indoor temperatures. When combined with our exclusive Energy Saving Privacy Track, energy consumption can be reduced by at least 25-40%.

1.4 SUBMITTALS

A.   Submit under provisions of Section 01300.

B.   Manufacturer's data sheets on each product to be used, including:

   1.   Preparation instructions and recommendations.
   2.   Styles, material descriptions, dimensions of individual components, profiles, features, finishes and operating instructions.
   3.   Storage and handling requirements and recommendations.
   4.   Mounting details and installation methods.

C.   Shop Drawings: Plans, elevations, sections, product details, installation details, operational clearances, and relationship to adjacent work.

D.   Window Treatment Schedule: For all roller shades. Use same room designations as indicated on the Drawings and include opening sizes and key to typical mounting details.

E.   Selection Samples: For each finish product specified, one set of shade cloth options and aluminum finish color samples representing manufacturer's full range of available colors and patterns.

F.   Verification Samples: Shadecloth sample and aluminum finish sample as selected. Mark face of material to indicate interior faces.

G.   Maintenance Data: Methods for maintaining roller shades, precautions regarding cleaning materials and methods, instructions for operating hardware and controls.

1.5   QUALITY ASSURANCE

A.   Manufacturer Qualifications: Obtain roller shades through one source from a single manufacturer with a minimum of twenty years experience in manufacturing products comparable to those specified in this section.

B.   Installer Qualifications: Installer trained and certified by the manufacturer with a minimum of ten years experience in installing products comparable to those specified in this section.

C.   Fire-Test-Response Characteristics: Passes NFPA 701 small and large-scale vertical burn. Materials tested shall be identical to products proposed for use.

D.   Anti-Microbial Characteristics: 'No Growth' per ASTM G 21 results for fungi ATCC9642, ATCC 9644, ATCC9645.

E.   Indoor Air Quality Components:

   1. The GREENGUARD Indoor Air Quality Certification Program gives assurance that products designed for use in office environments and other indoor spaces meet strict chemical emissions limits, which contribute to the creation of healthier interiors.

   2. The GREENGUARD Children & Schools - Indoor Air Quality Certified Products certified to this standard are also suitable for use in environments where children and others work, play or reside.

1.6   DELIVERY, STORAGE, AND HANDLING

A.   Deliver shades in factory-labeled packages, marked with manufacturer and product name, fire-test-response characteristics, and location of installation using same room designations indicated on Drawings and in the Window Treatment Schedule.

1.7   PROJECT CONDITIONS

A.   Environmental Limitations: Install roller shades after finish work including painting is complete and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

1.8   WARRANTY

A.   Roller Shade Hardware: Manufacturer's standard non-depreciating twenty-five year limited warranty.

B.   Standard Shadecloth: Manufacturer's standard three year warranty.

C.   Roller Shade Installation: One year from date of Substantial Completion, not including scaffolding, lifts or other means to reach inaccessible areas.

PART 2 PRODUCTS

2.1   MANUFACTURERS

A.   Acceptable Manufacturer: Webb Design, Inc. DBA WebbShade which is located at: P.O. Box 1405, El Cajon, CA, 92022; Tel: 800-262-9322; Email: info@webbshade.com; Web: www.webbshade.com

B.   Substitutions: Not permitted.

2.2   ROLLER SHADE TYPES

A.   Manually Operated Cordless Shades:

   1.   Mounting: Surface mounted.
   2.   Mounting: Surface mounted with fascia.
   3.   Configuration: Single solar shadecloth.
   4.   Configuration: Single blackout shadecloth.
   5.   Configuration: Double solar and blackout shadecloth.
   6.   Solar Shadecloths:
      a. Fabric: Alkenz Solar Screen, 1%, 3%, 5%, 10%, 15% openness (internal pricing-Level 5)
      b. Fabric: Vertilux Solar Screen, 1%, 3%, 5%, 10%, 14%, 20% (internal pricing-Level 6)
      c. Fabric: Custom Printed Screen (internal pricing-Level 8)
      d. Color: Selected from manufacturer's standard colors.
   7.   Blackout Shadecloths:
      a. Fabric: Reinforced Vinyl Scrim (internal pricing-Level 2)
      b., Vertilux/Butler Fabric, Pinpoint-Matte FR, Swirl-Moire FR, Texture-Boucle FR (internal pricing-Level 3)
      c. Fabric: Vertilux Noche Blackout Fabric (internal pricing-Level 5)
      d. Fabric: Custom Printed Vinyl Scrim (internal pricing-Level 7)
      e. Color: Selected from manufacturer's standard fabrics.

2.3   SHADE BAND

A.   Shade Bands: Construction of shade band includes the fabric, the hem weight, hem-pocket, shade roller tube, and the attachment of the shade band to the roller tube. Sewn hems are not acceptable.

   1.   Hem Pockets and Hem Weights: Fabric hem pocket with RF-welded seams and concealed hem weights. Hem weights shall be of appropriate size and weight for shade band. Hem weight shall be continuous inside the hem pocket. Hem pocket construction and hem weights shall be similar, for all shades within one room.

   2.   Shade Band and Shade Roller Attachment:

a.   Use extruded aluminum shade roller tube of a diameter and wall thickness required to support shade fabric without excessive deflection. Roller tubes less than 1.55" (39.37 mm) in diameter for manual shades are not acceptable.

b.   Provide for neutral mechanical engagement with drive / brake mechanism.

c.   Provide for positive mechanical attachment of shade band to roller tube; shade band shall be made removable / replaceable with 0.625" x 0.3125" extruded ABS guide slats.

2.4   SHADE FABRICATION

A.   Fabricate units to completely fill existing openings from head to sill and jamb-to-jamb, unless specifically indicated otherwise.

B.   Fabricate shadecloth to hang flat without buckling or distortion. Fabricate with trimmed edges to hang straight without curling or raveling.

C.   Fabricate units for manual operation without the use of cords or chains using an internal lift spring completely contained within the shade roller tube.

D.   For railroaded shadebands, provide seams in railroaded multi-width shadebands as required to meet size requirements and in accordance with seam alignment as acceptable to Architect. Seams shall be properly located.

2.5   COMPONENTS

A.   Access and Material Requirements:
1.   Provide shade hardware allowing for the removal of shade roller tube from brackets without removing hardware from opening and without requiring end or center supports to be removed.
2.   Use only ABS with UV inhibitors or Styrene based plastics for all plastic components of shade hardware.

B.   Manually Operated, Cordless WebbGlide Hardware and Shade Brackets

1. Shade Roller:

a.   Tube: Provide extruded aluminum alloy 6061 or 6063, 1.75" diameter with exterior 0.15" x 0.84" slot for attaching shade fabric using 0625" x .3125" extruded ABS guide slats to provide horizontal adjustment of shade fabric while preventing removal of fabric after installation.

b.   Lift Mechanism: Inner lift spring shall be constructed of .058" blue spring steel. Drive pins shall be heat-treated 1" x .024" steel.

2. Bottom Rail:

a.   Provide Bottom rail of proper size and weight to properly balance lifting mechanism. Bottom rail shall be 0.625" od. steel tube, lightweight and corrosion resistant. It shall be applied to shade inside a bar-welded (radio-wave molecular bond) self-fabric pocket sized so the bottom rail shall slide smoothly and snugly inside. 0.375" od. steel rod shall be inserted into the tube acting as weight. Injection-molded thermoplastic guide tips shall be attached at each end with stainless steel compression springs and aluminum rivets, and shall fit easily in side tracks to provide braking system for shade.

3. Bracket Plates:

a.   Provide mounting bracket plates constructed of 18 gauge galvanized steel with embossed drive pin slots, and 0.25" x 0.562" nylon bushing inserts pressed into each

idler pin aperture. Shall be corrosion resistant and will not buckle, bend or break under the shear forces created by the roller tension, shade material, or normal operation.

      i.   Each bracket shall have a 0.5" x 2.75" lip for attaching fabric valance.

    4. Privacy Track:

        a.   Provide vertical guide tracks extruded from thermoplastic resin containing UV inhibitors, 0.5" x 0.875" and shall have a 1" extended lip on the room facing edge to maintain privacy and eliminate light leaks. Tracks shall be attached using double-coated foam adhesive PSA tape.

C. Manually Operated Cordless Dual WebbGlide Shades

    1. Shade Roller:

        a.   Tube: Provide extruded aluminum alloy 6061 or 6063, 1.75" diameter with exterior 0.15" x 0.84" slot for attaching shade fabric using 0625" x .3125" extruded ABS guide slats to provide horizontal adjustment of shade fabric while preventing removal of fabric after installation.

        b.   Lift Mechanism: Inner lift spring shall be constructed of .058" blue spring steel. Drive pins shall be heat-treated 1" x .024" steel.

    2. Bottom Rail:

        a.   Provide Bottom rail of proper size and weight to properly balance lifting mechanism. Bottom rail shall be 0.625" od. steel tube, lightweight and corrosion resistant. It shall be applied to shade inside a bar-welded (radio-wave molecular bond) self-fabric pocket sized so the bottom rail shall slide smoothly and snugly inside. 0.375" od. steel rod shall be inserted into the tube acting as weight. Injection-molded thermoplastic guide tips shall be attached at each end with stainless steel compression springs and aluminum rivets, and shall fit easily in side tracks to provide braking system for shade.

    3. Bracket Plates:

        a.   Provide mounting bracket plates constructed of 18 gauge galvanized steel with two embossed drive pin slots, and two 0.25" x 0.562" nylon bushing inserts pressed into each idler pin aperture. Drive pin slots and idle pin apertures shall be placed on bracket with proper spacing to allow continuous, independent operation of front and back shades. Shall be corrosion resistant and will not buckle, bend or break under the shear forces created by the roller tension, shade material, or normal operation.

    4. Shade Material:

        a.   Front shade (room side) fabric shall be blackout or privacy fabric of type, quality, weight, and color as specified by Architect. Rear shade (window side) fabric shall be a light filtering fabric of color and openness as specified by Architect.

    5. Provide hardware capable for installation of a removable fascia, for both regular and/or reverse roll, which shall be installed without exposed fastening devices of any kind.

2.6   ACCESSORIES

A.   Valance:
    1. Shall be Continuous removable extruded ABS fascia that attaches to 3.675" x 3.675" molded ABS caps placed over 18 gauge galvanized steel mounting plates without the use of adhesives, magnetic strips, or exposed fasteners for single shades only.

    OR

2. Shall be self-fabric made from the privacy or blackout fabric, attached to standard 0.875" x 1.5" poplar headrail, 8" in length with bar-welded (not sewn) hem. Returns, if required, shall have a heat sealed corner and can be attached to headboard with staples. Headboard shall be attached to lip on bracket plate using #8 x 0.5" stainless steel pan head screws for both single and dual shades.

OR

3. Shall be extruded aluminum fascia in 3" or 4" profile. Fascia shall fully conceal brackets, shade roller and fabric on the tube.

B.   Electrical: Electric service for motor controls – Division 16

PART 3 EXECUTION

3.1   EXAMINATION

A.   Do not begin installation until substrates have been properly prepared.

B.   If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2   PREPARATION

A.   Clean surfaces thoroughly prior to installation.

B.   Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3   INSTALLATION

A.   Install roller shades level, plumb, square, and true according to manufacturer's written instructions, and located so shade band is not closer than 0.75" to interior face of glass. Allow proper clearances for window operation hardware.

B.   Adjust and balance roller shades to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.

C.   Clean roller shade surfaces after installation, according to manufacturer's written instructions.

D.   Engage Installer to train Owner's maintenance personnel to adjust, operate and maintain roller shade systems.

3.4   PROTECTION

A.   Protect installed products until completion of project.

B.   Touch-up, repair or replace damaged products before Substantial Completion.

<div align="center">END OF SECTION</div>

A 1000-window facility installing cordless WebbGlide shades can expect to save approximately $2,063,000 over 25 years.

	WebbShade — WebbGlide 48" x 60" — 25 year Limited Warranty		Clutch Operated Roller Shade — 48" x 60" — Up to 10 Years Limited Warranty		Vertical Blind — 48" x 60" — 3 Years Limited Warranty		Horizontal Blind — 48" x 60" — 3 Years Limited Warranty	
Original Wholesale Cost		$181		$198		$156		$64
Year 1	Clean in Window	$10	Clean in Window	$10	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 2	Clean in Window	$10	Clean in Window & Repair	$50	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 3	Clean in Window	$10	Clean in Window	$10	Cleaning Removal & Replace	$186	Cleaning Removal & Replace	$94
Year 4	Clean in Window	$10	Clean in Window & Repair	$50	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 5	Clean in Window	$10	Cleaning & Replace	$208	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 6	Clean in Window	$10	Clean in Window	$10	Cleaning Removal & Replace	$186	Cleaning Removal & Replace	$94
Year 7	Clean in Window	$10	Clean in Window & Repair	$50	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 8	Clean in Window	$10	Clean in Window	$10	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 9	Clean in Window	$10	Clean in Window & Repair	$50	Cleaning Removal & Replace	$186	Cleaning Removal & Replace	$94
Year 10	Clean in Window	$10	Cleaning & Replace	$208	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 11	Clean in Window	$10	Clean in Window	$10	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 12	Clean in Window	$10	Clean in Window & Repair	$50	Cleaning Removal & Replace	$186	Cleaning Removal & Replace	$94
Year 13	Clean in Window	$10	Clean in Window	$10	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 14	Clean in Window	$10	Clean in Window & Repair	$50	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 15	Clean in Window	$10	Cleaning & Replace	$208	Cleaning Removal & Replace	$186	Cleaning Removal & Replace	$94
Year 16	Clean in Window	$10	Clean in Window	$10	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 17	Clean in Window	$10	Clean in Window & Repair	$50	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 18	Clean in Window	$10	Clean in Window	$10	Cleaning Removal & Replace	$186	Cleaning Removal & Replace	$94
Year 19	Clean in Window	$10	Clean in Window & Repair	$50	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 20	Clean in Window	$10	Cleaning & Replace	$208	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 21	Clean in Window	$10	Clean in Window	$10	Cleaning Removal & Replace	$186	Cleaning Removal & Replace	$94
Year 22	Clean in Window	$10	Clean in Window & Repair	$50	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 23	Clean in Window	$10	Clean in Window	$10	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Year 24	Clean in Window	$10	Clean in Window & Repair	$50	Cleaning Removal & Replace	$186	Cleaning Removal & Replace	$94
Year 25	Clean in Window	$10	Cleaning & Replace	$208	Cleaning Removal & Repair	$50	Cleaning Removal & Repair	$50
Lifetime Cost		$431		$1,838		$2,494		$1,666
Cost Per Year		$17.24		$73.52		$99.76		$66.64

Manufacturers of WebbLok and WebbGlide – Made in USA
Safe, Cordless, Built Tough – Guaranteed.
PO Box 1405, El Cajon, CA 92022 | p: 800-262-9322 | f: 619-596-4511
SDVOSB #17185 | info@webbshade.com | www.webbshade.com

O&M – WebbGlide

A. **Background**
B. **Operation**
C. **Maintenance**
D. **Cleaning**
E. **Warranty**
F. **Summary**

A. **Background**

The innovative WebbGlide shade system features cordless fingertip control with the added benefit of exclusive privacy tracks, offering increased security, durability and glare reduction (light filtering, solar screen, and blackout). Eliminating cords, wands, and pulleys, the simplicity of design gives you a long-lasting easy-to-use shade. The flat vertical surface repels dust, and can be wiped clean and sanitized right in the window.

The cordless WebbGlide shade has been a proven solution in healthcare, military housing, schools, dormitories, elder care, offices and other facilities needing user-friendly, easy to clean, durable window treatments. Additionally, WebbShade has been on GSA Contract with the Federal Government for over 30 years.

B. **Operation**
1. Finger-tip, cordless operation to raise and lower shade.

C. **Maintenance**
1. Although roller tensions are set at the factory, occasionally a few turns may need to be added or removed from the roller. If the shade buckles while being pushed up, then a couple of turns should be added. If the shade "creeps up" when it is closed, a few turns need to be removed

To add tension: Replace the tension pin. Remove the roller from the brackets. Grasp the roller in your right hand. Using a pair of vice grips turn the drive end slightly to allow easy removal of the tension pin. Turn the drive end clockwise to add turns. Replace the tension pin and place the roller into the brackets. Be sure not to let the vice grip slip off or drop the roller while the nail is out as this will release all the spring tension. Remove tension pin and check operation of shade.

To remove tension: Replace the tension pin. Remove the roller from the brackets. Grasp the roller in your left hand. Using a pair of vice grips turn the drive end slightly to allow easy removal of the tension pin. Turn the drive end counter clockwise to remove tension. Replace the tension pin and place the roller into the brackets. Be sure not to let the vice grip slip off or drop the roller while the nail is out as this will release all the spring tension. Remove tension pin and check operation of shade.

Once the shade is operating properly, unroll the shade until you can see the flat part of the wood extension. Using a #8 x 1/2" SMS fastener, lock the shade in place by screwing fastener into the flat of the wood next to the roller tube with the head of the screw below the level of the roller to prevent the screw from leaving a dimple in the shade fabric.

2. Wear on the end tips may occur. Before end tips replacement is required, rotate the end tips 90°.

D. Cleaning
1. General Fabrics - You may use alcohol, solvent*, citrus or bleach based cleaners on any non-printed fabrics. Avoid using non-diluted bleach as, over time, this may compromise the anti-microbial properties of the fabric. When in doubt, spot test an inconspicuous area before using a cleaning agent over the entire shade. *Acetone based solvents, as are used in dry cleaning, are not recommended.
2. Custom Printed Fabrics* - Use a mild soap and water mixture applied with a non-abrasive sponge or cloth. You may use any type of disinfectant or cleanser as long as you DO NOT USE alcohol or solvent based cleaners, citrus based cleaners, any abrasive materials and/or any chemicals containing bleach.

   Use of materials listed above will result in the printed pattern being removed from the fabric and will void the WebbShade 3 year fabric warranty. As a suggestion, if in doubt, spot test an inconspicuous section of the material before wiping the entire shade with cleaner. *Also applies to Vertilux Noche Blackout fabrics.
3. Hardware - Guide tracks may be lightly sprayed (inside) using silicone lubricant only. Never use petroleum based lubricant.

E. Warranty
All of the WebbGlide hardware is warrantied for 25 years from the date of installation against defects in workmanship.

F. Summary
Cordless WebbGlide has proven to be a long term, cost-effective solution to numerous medical, military and commercial areas, by providing a durable, maintenance-free shade designed to reduce glare and increase security with energy saving privacy tracks.

If you require further information, please feel free to contact us at 800-262-9322.