



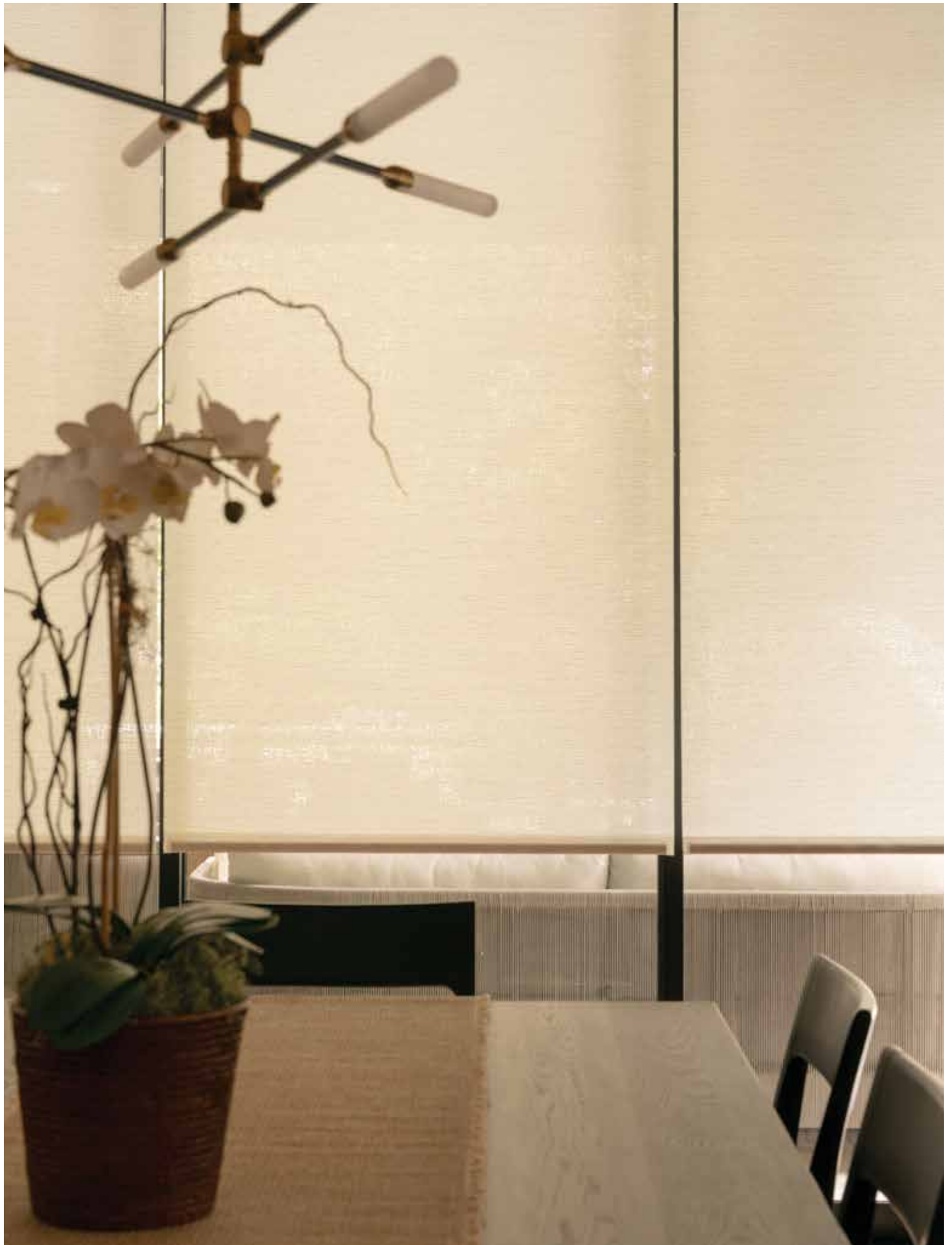
Fabritec Solar Solutions™

When the sun is a problem... **solar solutions** is the answer

Introduction

FABRITEC'S SOLAR SOLUTIONS™ is a group of window-shading products designed to provide window-covering professionals with simple solutions to window-covering challenges created by the sun. When the sun creates a problem for your customer, it creates an opportunity for you to make a window-covering sale. Take advantage of these opportunities with our Solar Solutions™ Program.





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Rollstar™ Shades



Photo courtesy of Mermet, USA.

Rollstar shades are compact when drawn up, requiring little space; when lowered, it is uncluttered by any structural elements. The simple look of this product, its functional advantages, and its cost effectiveness make it the most popular of all our Solar Solutions shades.

- Cost effective
- Daytime privacy
- Reduce fading of carpet and furniture
- Unobstructed views
- Reduce heat
- Design simplicity
- Reduce glare

APPLICATION

Vertical	•
Bottom up	•
Top Down-Bottom Up (TDBU)	
Curved	
Sloped	
Horizontal	

LIFTING SYSTEMS OPTIONS

Motor	•
Cord & Cleat (C&C)	
Cord Lock	
Continuous Chain Operator (CCO)	•
Slide Winder	
SmoothLift System	•
Cordless Roman	
Helireel	
Tracklock Wand	

FABRICS

Solar	•
Privacy/Decorative	•
Blackout	•

HEM STYLES

Hem Pockets	•
Decorative Hem Bars	•
Oval Bottom Rail	
Hem Bars	•

TOP TREATMENTS

Square Cassette	•
Fascia	•
Headbox	•
Flat Valance (fabric)	•
Wood Cornice (fabric covered)	•

LIGHT CONTROL CHANNEL

1-Piece Side Channel	•
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Sunstar™ Shades



Sunstar is a folding shade made exclusively with solar-screen fabric for use in vertical windows. Lifting cords run from the bottom of the shade through a series of pulleys and cord guides (rings attached to the shade). The cords lift the shade from the bottom causing the shade to fold on itself as it rises. Both manual and motorized lifting systems are available.

- Cost effective
- Daytime privacy
- Reduce fading of carpet and furniture
- Unobstructed views
- Reduce heat
- Design simplicity
- Reduce glare

APPLICATION

Vertical	•
Bottom up	•
Top Down-Bottom Up (TDBU)	•
Curved	
Sloped	
Horizontal	
Arch Top	•
Slant Top	•

LIFTING SYSTEMS OPTIONS

Motor	•
Cord & Cleat (C&C)	•
Cord Lock	•
Continuous Chain Operator (CCO)	•
Slide Winder	•
SmoothLift System	
Cordless Roman	•
Helireel	•
Tracklock Wand	

FABRICS

Solar	•
Privacy/Decorative	•
Blackout	

HEM STYLES

Hem Pockets	•
Decorative Hem Bars	•
Oval Bottom Rail	
Hem Bars (round, standard)	•

TOP TREATMENTS

Square Cassette	
Fascia	
Headbox	
Flat Valance (fabric)	•
Wood Cornice (fabric covered)	•

LIGHT CONTROL CHANNEL

1-Piece Side Channel	
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Trackstar™ Shades



Trackstar is a highly versatile folding shade system used to cover horizontal, vertical, sloped and curved glass surfaces such as those found in greenhouses, sloped windows, barrel-dome glass and skylights.

In a folding shade system, the fabric folds like a Roman shade, rather than rolling onto a tube as in a roll-shade system. The result, when the shade is open, is an attractive stack which hangs down and is visible, rather than a roll. When a Trackstar shade is covering a window, structural battens running from side to side give it an attractive “architectural” look—while also making it possible to fabricate very large shades, as well as very small shades; sizes that generally cannot be handled by Rollstar.

Both manual and motorized lifting systems are available.

APPLICATION

Vertical	•
Bottom up	•
Top Down-Bottom Up (TDBU)	
Curved	•
Sloped	•
Horizontal	•

LIFTING SYSTEMS OPTIONS

Motor	•
Cord & Cleat (C&C)	
Cord Lock	
Continuous Chain Operator (CCO)	
Slide Winder	
SmoothLift System	
Cordless Roman	
Helireel	•
Tracklock Wand	•

FABRICS

Solar	•
Privacy/Decorative (Topsail & C.O.M.)	•
Blackout	

HEM STYLES

Hem Pockets	
Decorative Hem Bars	
Oval Bottom Rail	•
Hem Bars	

TOP TREATMENTS

Cassette	
Fascia	
Headbox	
Flat Valance (fabric)	
Wood Cornice (fabric covered)	

LIGHT CONTROL CHANNEL

1-Piece Side Channel	
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Skystar™ Shades



Skystar is a motorized roll shade system that is engineered for use in horizontal or sloped overhead windows such as skylights.

Ideal for situations where they can be used to block the sun at certain times of the day, but then can be opened when light is needed. The operating cords are hidden in the side channels for a clean, unobstructed view. The side channels, in addition to hiding the operating cords provide a degree of light control.

- Daytime privacy
- Reduce heat and glare
- Reduce fading of carpet and furniture

APPLICATION

Vertical	
Bottom up	
Top Down-Bottom Up (TDBU)	
Curved	
Sloped	•
Horizontal	•

LIFTING SYSTEMS OPTIONS

Motor	•
Cord & Cleat (C&C)	
Cord Lock	
Continuous Chain Operator (CCO)	
Slide Winder	
SmoothLift System	
Cordless Roman	
Helireel	
Tracklock Wand	

FABRICS

Solar	•
Privacy/Decorative	•
Blackout	•

HEM STYLES

Hem Pockets	•
Decorative Hem Bars	
Oval Bottom Rail	
Hem Bars	

TOP TREATMENTS

Cassette	
Fascia	•
Headbox	•
Flat Valance (fabric)	
Wood Cornice (fabric covered)	

LIGHT CONTROL CHANNEL

1-Piece Side Channel	•
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Lifting Systems

AT A GLANCE...

Lifting Systems Available

LIFTING SYSTEMS	SHADE STYLES					
	Rollstar	Rollstar-EX	Sunstar	Trackstar	Skystar	Cablstar-EX
Cord & Cleat			•			
Cord Lock			•			
Continuous Chain Operator (CCO), Open Roll	•	•	•			
Continuous Chain Operator (CCO), Square Cassette	•					
Slide Winder			•			
Cordless, Open Roll SmoothLift System	•					
Cordless Roman			•			
Cordless, Square Cassette with SmoothLift System	•					
Wand Operator				•		
Motor	•	•	•	•	•	•

Lifting systems are either **manually operated** or **powered by motor**. The selection of a lifting system is determined by many factors including the size of the shade, site conditions, cost, and the type of shade style being used.

If the shade is too heavy to be operated manually, then a motor is recommended.



Cord & Cleat

- SUNSTAR only.
- Hand-operated cord pull with cleats to hold shade in place.
- Only requires 1½" depth.
- As little as ¾" depth for French doors.
- Economical.
- **Cleats are mandatory for child safety.**



Cord Lock

- SUNSTAR only.
- Hand-operated cord pull.
- Lock is engaged by pulling cords at an angle.
- Secures the shade at any height.
- **Always wrap cords securely around the cleats provided.**
- **Cleats are mandatory for child safety.**



Continuous Chain Operator (CCO), Open Roll

- ROLLSTAR, ROLLSTAR-EX and SUNSTAR.
- Hand-operated chain loop.
- Simple and reliable.
- Chain length always the same—No "chain puddle".
- **Chain guard device is mandatory for child safety.**
- **Regular or reverse roll.**



Continuous Chain Operator (CCO), Square Cassette

- ROLLSTAR only.
- Hand-operated chain loop.
- Simple and reliable.
- Easy installation, snaps into brackets.
- Fabric-wrapped options.
- Fabric brush feature reduces light gaps.
- Chain length always the same.
- **Chain guard device is mandatory for child safety.**
- **Regular or reverse roll.**

IMPORTANT: MANUALLY OPERATED SHADES

Dangling cords are a serious danger to small, unsuspecting children and for their safety, all cords must be securely wrapped around the cleats provided.

Lifting Systems *(continued)*



Slide Winder

- SUNSTAR only.
- Bottom of shade always level.
- Hand-operated continuous chain loop.
- Quieter and easier to pull.
- Chain always the same length—No chain puddle”.
- *Chain guard device is mandatory for child safety.*



Cordless, Open Roll SmoothLift System

- ROLLSTAR only.
- Easy to operate, no dangling cords.
- Premium **child safe cordless system**.
- Quick and easy installation.
- Allows **optimal shade positioning** by simply placing the bottom rail in the desired location.
- **Regular or reverse roll.**



Cordless Roman

- SUNSTAR only.
- Manual.
- Good for shades within reach.
- Easy to operate.



Cordless, Square Cassette with SmoothLift System

- ROLLSTAR only.
- Easy to operate, no dangling cords.
- Premium **child safe cordless system**.
- Fabric-wrapped options.
- Quick and easy installation.
- Allows **optimal shade positioning** by simply placing the bottom rail in the desired location.
- **Regular or reverse roll.**



Wand Operator

- TRACKSTAR only.
- Manual.
- Simple and reliable.
- Economical.



Motor

- ALL SHADE STYLES.
- Shade raises up and lowers with the push of a button or voice activation (hand-held remotes, smartphones/tablet apps, wall switches, tabletop controls, sensors and timers).
- Necessary for shades that are out of reach.
- Convenient, easy to operate, efficient, flexible and quiet.
- Creates a positive user experience.
- Integrated Home Automation available.

Motorization

NO NEED TO WORRY!

We will help you choose from a wide selection of motorization and control options.



BATTERY POWERED MOTORS are easy to install and easy to operate. No electrician required. Battery motors are low voltage. These motors can be controlled by Remote Controllers, Wall Switches, Smart Phones or Tablet Apps. Selected motors are home automation compatible. Battery motors have a wide range of lifting capacities. Interior applications only.

24V DC QUIET MOTORS are low voltage motors that come with a transformer and are plugged into an outlet or hardwired directly into a low voltage panel. These motors are available with a variety of control options including Remote Controls, Wall Switches, RS485 Network/Home Automation, Smart Phones or Tablet Apps. They have a lifting capacity of 17 to 35 lbs and are capable of operating medium to very large shades. Interior applications only.

120V STANDARD MOTORS require an electrician and are hardwired into a house/building's electrical system. Standard motors are controlled by a hardwired standard wall switch. Remote controllers are not available with Standard motors. These motors are very powerful and can lift any size shade. Interior and Exterior applications.

120V HARDWIRED QUIET & ULTRA QUIET MOTORS can be plugged into an outlet or hardwired directly into the home/building's electrical system. These motor systems are most widely used because of their versatility. They can be operated by a variety of control options including Remote Controls, Wall Switches, RS 232/485 Network/Home Automation, Smart Phones or Tablet Apps. These are very powerful motors that can lift any size shade. Interior and Exterior applications.

HOME AUTOMATION MOTORIZATION: Our motors (or any motor you specify) can be controlled by any Home Automation System by using an appropriate Interface. For help with Home Automation or any motorization questions, contact our experienced Technical Support Department at 800.828.2500.

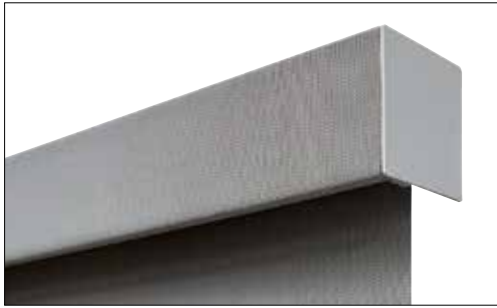
All shade motors and controls are completely assembled and pre-programmed at our factory. Refer to our **Pricing Book** for complete details.

Top Treatments

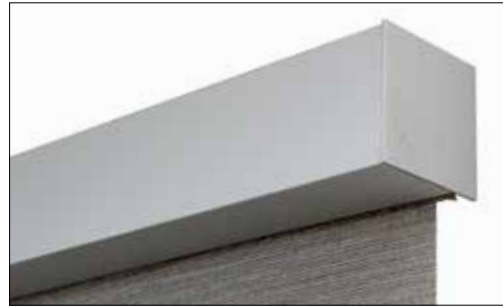
CASSETTES AND FASCIAS

The CASSETTES and FASCIAS shown below will add a design element to what would otherwise be just a plain-looking roller shade. In addition to the look they can bring to your treatment, they solve problems and provide other benefits as well.

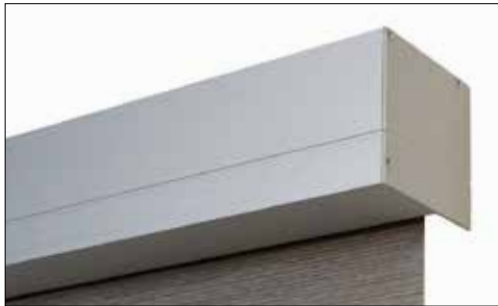
- Cassettes provide an easier installation.
- Conceal your shade, hardware or any electrical.
- Create a more finished appearance.
- Protect your shade from the elements.
- Reduce motor noise.



SQUARE CASSETTE (shown wrapped)
 • Cassette (3½" height x 3½" depth)
 Colors: White, Anodized Clear and Black



SL-SYSTEM FASCIA
 • Small Fascia (3" height x 3" depth)
 • Large Fascia (4" height x 4" depth)
 Colors: White, Anodized Clear, Black and Bronze



4040 FASCIA
 (4" height x 4" depth)
 Colors: White, Anodized Clear and Anodized Black



5" FASCIA
 (5" height x 5" depth)
 Colors: White, Anodized Clear, Black and Bronze



7" FASCIA
 (7⅝" height x 5½" depth)
 Colors: White, Anodized Clear, Black and Bronze

FLAT VALANCE



FLAT VALANCE
 • Unless otherwise specified, 6" height.
 Depth varies.

CORNICE



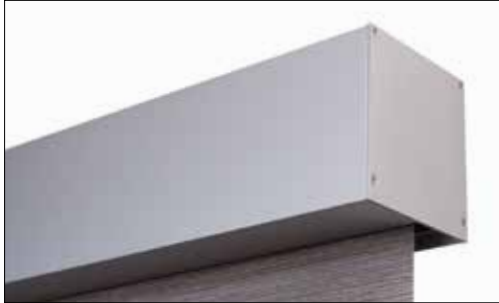
CORNICE
 • Unless otherwise specified, 6" height.
 Depth varies.

Top Treatments *(continued)*

HEADBOXES

HEADBOXES are ideal for certain applications. Like Cassettes and Fascias, they conceal the shade and hardware and reduce motor noise. In addition, they also:

- Keep dust off your shade.
- Eliminate light leakage from above your shade.
- Create a more finished appearance.
- Provide an installation platform inside a custom pocket.
- Can be custom colored to coordinate with your design application. Call for pricing and lead times.



4045 & 5050 HEADBOXES

- 4045 Headbox (4½" height x 4" depth)
- 5050 Headbox (5" height x 4¾" depth)

Colors: White, Anodized Clear and Anodized Black



5555 HEADBOX

- 5555 Headbox (5½" height x 5½" depth)

Colors: White, Anodized Clear and Anodized Black

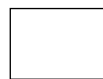


7090 HEADBOX

- 7090 Headbox (9" height x 7" depth)

Colors: White, Anodized Clear and Anodized Black

COLORS:



White



Anodized Clear



Anodized Black



Black



Bronze
(Snap-on Fascias only)

Hem Styles

Why not add a bit of design and interest with one of these custom hem bars? Of course, if all you need and want is protection from the sun, any of our hem bars provide a clean, simple finish to the shade.

HEM POCKETS



Open Hem Pocket



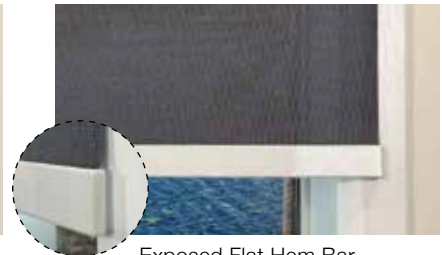
Sealed Hem Pocket

HEM BARS

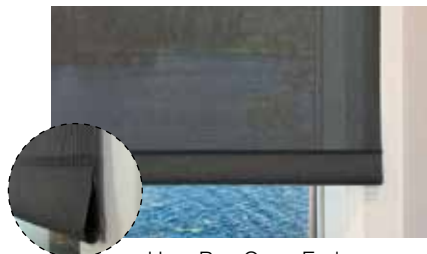
ROLLSTAR



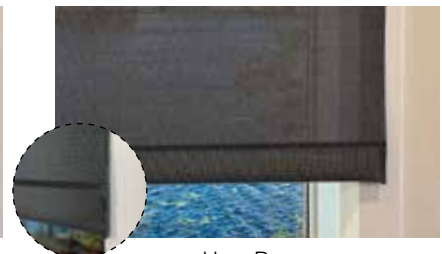
Pocketed Flat Hem Bar,
Open End



Exposed Flat Hem Bar
(standard for SmoothLift System)



Hem Bar, Open End
(available in Mill finish only)



Hem Bar,
Sealed Hem Pocket
(available in Mill finish only)

SUNSTAR

COLORS:

Standard colors below:



White



Anodized Clear



Black



ROUND - Plain
(Standard for Sunstar)



Sealed Hem Pocket
(available in Mill finish only)

SKYSTAR



FLAT - Sealed
(Standard for Skystar)

TRACKSTAR



OVAL - Exposed Bottom Rail
(Standard for Trackstar)

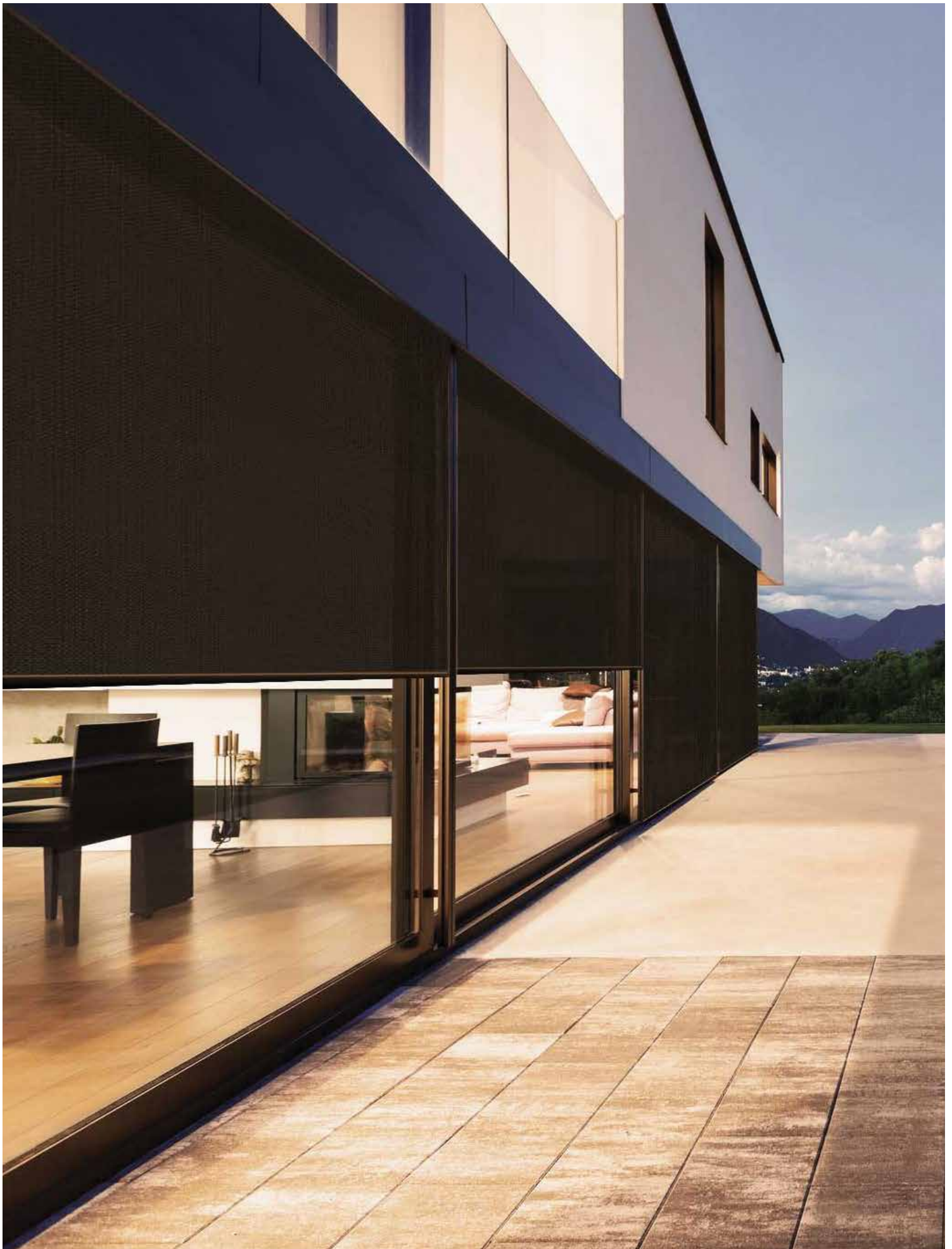


Photo courtesy of Mermet, USA.

Outdoor Solutions™

FABRITEC'S OUTDOOR SOLAR SOLUTIONS™ allows you to create an entire outdoor living space that is perfect for your enjoyment all year round. If you have a patio, balcony, porch or other exterior space, outdoor shades can be a huge help—they create a perfect, restful retreat outside your home. Motorized or manual lifting systems available. You can even create an entire closed outdoor room with the touch of a button!

We offer **Rollstar-EX™** outdoor shades. These shades block the sun and heat in the hot summer months and protect you from strong winds and the cold in the cooler months. Our shades make outdoor spaces just as comfortable as indoors. How awesome is that?

THE PERFECT SOLUTION TO YOUR OUTDOOR LIVING SPACES!

[Note: If you would like to see our exterior solar fabrics offering, please call us for details.]

Rollstar-EX™ Shades



Photo courtesy of Perfect Shade Corp.

Rollstar-EX solar shades are designed and engineered for **OUTDOOR USE**. Exterior solar shades are even more effective at reducing ultraviolet radiation than indoor shades. A vertical shade employing roll-shade technology and held in place with stainless steel cables on either side. Manual or motorized controls ensure smooth, convenient operation. Compact when drawn up, requiring little space when the shade is up. The perfect addition to a sunny room! A wide selection of fabric choices offer color, texture, view and performance.

- Daytime privacy
- Reduce heat and glare
- Reduce fading of outdoor furniture

APPLICATION

Vertical	•
Bottom up	
Top Down-Bottom Up (TDBU)	
Curved	
Sloped	
Horizontal	

LIFTING SYSTEMS OPTIONS

Motor	•
Cord & Cleat (C&C)	
Cord Lock	
Continuous Chain Operator (CCO)	•
Slide Winder	
SmoothLift System	
Cordless Roman	
Helireel	
Tracklock Wand	

FABRICS

Solar (Outdoor Solar Fabrics)	•
Privacy/Decorative	
Blackout	

HEM STYLES

Hem Pockets	
Decorative Hem Bars	
Oval Bottom Rail	
Rollstar-EX Hem Bars (weighted, as needed)	•

TOP TREATMENTS

Square Cassette	
Fascia	
Headbox	•
Flat Valance (fabric)	
Wood Cornice (fabric covered)	

LIGHT CONTROL CHANNEL

1-Piece Side Channel	
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Rollstar-EX™ Overview

Our ROLLSTAR-EX SOLAR SHADES are designed specifically and engineered for outdoor use. Exterior solar shades are even more effective at reducing ultraviolet radiation than indoor shades. They reduce heat and glare, fading of furniture and carpet, and in general greatly reduce all the damage, discomfort, and annoyance caused by the sun.

A wide selection of fabric choices offer color, texture, view and performance.

Refer to our website, www.fabritecdesigns.com or our **Pricing Book** for *suitable outdoor fabrics*.

CABLE MOUNTS & HEADBOXES

Manual or motorized controls ensure smooth, convenient operation. Headboxes protect the shade and the lifting mechanisms and add a finished look. Stainless steel mounted cables attach to the walls or floor.



TOP CABLE MOUNT (Wall)



TOP CABLE MOUNT (Ceiling)



BOTTOM CABLE MOUNT (Floor)



HEADBOX (CCO)



HEADBOX (Motorized)



BOTTOM CABLE MOUNT (Wall)

Headbox Colors: Anodized Black, Anodized Aluminum or White

HEM BARS

Hem bars attach to the stainless steel mounted cables on the sides.



RECTANGULAR HEM BAR, Exposed with Light Stop Brush
(Hem Bar: 1" deep x 2½" high)



ROUND HEM BAR, Pocket
(Hem Bar: 1½" diameter; pocket size: 3¼")

Hem Bar Colors: Black or White.

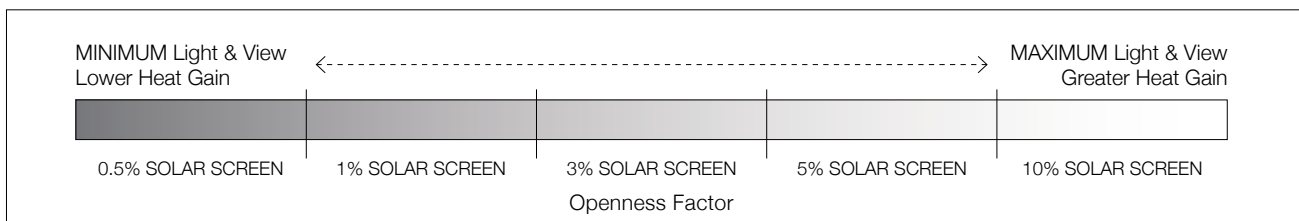
Fabric Types

• SOLAR-SCREEN FABRICS

Solar-screen fabrics are highly engineered for interior and exterior sun control. These fabrics are woven to filter the sun rather than block it out. A solar-screen fabric can stop enough of the sunlight to eliminate discomfort from heat, glare and damage to furnishings while still being able to see through the fabric to the outside. Available in a wide variety of colors and weaves.

Openness Factor

Openness factor refers to the tightness or density of the weave. As demonstrated in the chart below, **the higher the openness factor, the looser the weave** which allows for *more view-through* as well as *greater heat gain*. Conversely, **the lower the openness factor, the tighter the weave**, resulting in *less view-through* and *less heat gain* at the window. With a solar fabric, you can see out during the day; at night, this effect reverses itself and you can see in.



Color Consideration

Openness factor is only part of the equation when it comes to view-through, as color also plays an important role. **DARK COLORS** *absorb light versus reflect it* and therefore reduce glare, provide more contrast in high-glare situations and allow for greater view-through. Whereas **LIGHT COLORS** *reflect light versus absorb it*, which will result in more glare and reduced view-through. Beautiful views are still available with light solar-screen fabrics, though not as highly defined.

Energy Efficient

Solar-screen fabrics are vigorously tested and proven to reduce glare and heat gain from solar radiation. Our Rollstars, Rollstar-EXs, Sunstars, Trackstars, Skystars and Cablestar-EXs constructed from solar-screen fabrics offer enhanced energy savings year round, keeping air conditioned rooms cooler in the summer, and heated rooms warmer in the winter.

Greenguard Certification



Many of the fabrics offered in this collection are **Greenguard Certified**, meaning the material has been tested and approved for low emission of Volatile Organic Compounds (VOC). This rating ensures that the Indoor Air Quality (IAQ) of a home or building is not being polluted with harmful off-gases from the products or materials. In the past few years, IAQ has become recognized as an important health issue. For that reason, many public buildings such as schools and health care facilities are mandated to use Greenguard Certified materials.

Fabric Types *(continued)*

Solar-Screen Fabrics | Other Inherent Properties

Shade material manufacturers are constantly researching and developing products that will meet or exceed certain health and safety standards. The window covering industry, in conjunction with appropriate government agencies have created standardized ratings to signify these advancements. The following properties and brief definitions include:

- **RoHS Compliant/Lead Free** - This rating ensures that the shade material is lead free (per EPA).
- **Bacterial and Fungal Resistant** - The materials are designed to inhibit the growth of bacteria, mold and mildew that can cause stains, odors and deterioration.
- **Cradle to Cradle Certified** - Validates the manufacturer's commitment to sustainability.
- **Dow Ecolibrium™ Bio-Based Plasticizers** - Offers a renewable alternative to traditional petroleum based plasticizers for a more sustainable option. These plasticizers are derived from renewable resources (vegetable oils) and can result in as much as 40% reduction in carbon footprint compared with the incumbent plasticizers.
- **Standard 100 by OEKO-TEX® Certified** - All fabrics have been tested for harmful substances. It sets the benchmark for textile safety, from yarn to finished product, and stands for customer confidence and high product safety from all stages of production.
- **Noise Reduction Coefficient** - Shade material has been rated for acoustical comfort.
- **Fire Retardant** - Meets or exceeds the National Fire Protection Agency standards for flammability. All commercial buildings are mandated to use shade materials that pass the NFPA 701 rating. These properties, if applicable to the specific shade material, can be found on the back of each sample deck. More detailed information on any of the above items can be found online.

• DECORATIVE FABRICS

Decorative fabrics offer distinctive textures, colors and weaves in varying degrees of opacity. Decorative fabrics can help define the overall ambiance of your interior.

- **SHEER FABRICS** offer complete view-through. During the day, you can see out; at night, you can see in.
- **PRIVACY FABRICS** cast a soft glow of light during the day while allowing for complete privacy.

• BLACKOUT FABRICS

Blackout fabrics prevent light from entering a room. They can create total privacy to the outside and a design element to the interior. These kinds of fabrics, combined with the right shade style and light control options are useful for rooms in which video or slide show presentations are made or for any situation where a complete absence of light is desired. Blackout fabrics are the most energy efficient fabrics.

• VALUE FABRICS

Our VALUE Collection features both Solar-Screen, Decorative and Blackout fabrics. These materials offer the same high quality and performance aspects that are offered in the above collections. This VALUE Collection grouping was created to make it easier to locate these price point items for competitive situations where cost is the driving factor.

• COMPANION FABRICS

Companion Fabrics offers a complete styling solution of complementary Blackout and Privacy fabrics. Premium design aesthetics, elegant colors, beautiful textured patterns and specialty weaves—offered in coordinating light filtering and blackout colors.



Solar Solutions™

When the sun is a problem... **solar solutions** is the answer



HOME OF CASTEC BRANDS

www.fabritecdesigns.com