



**ROLL-A-SHADE®**  
MANUFACTURING SUN CONTROL SOLUTIONS

Premium Sun Control Solutions

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V09.14.17



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## EXTERIOR SYSTEMS

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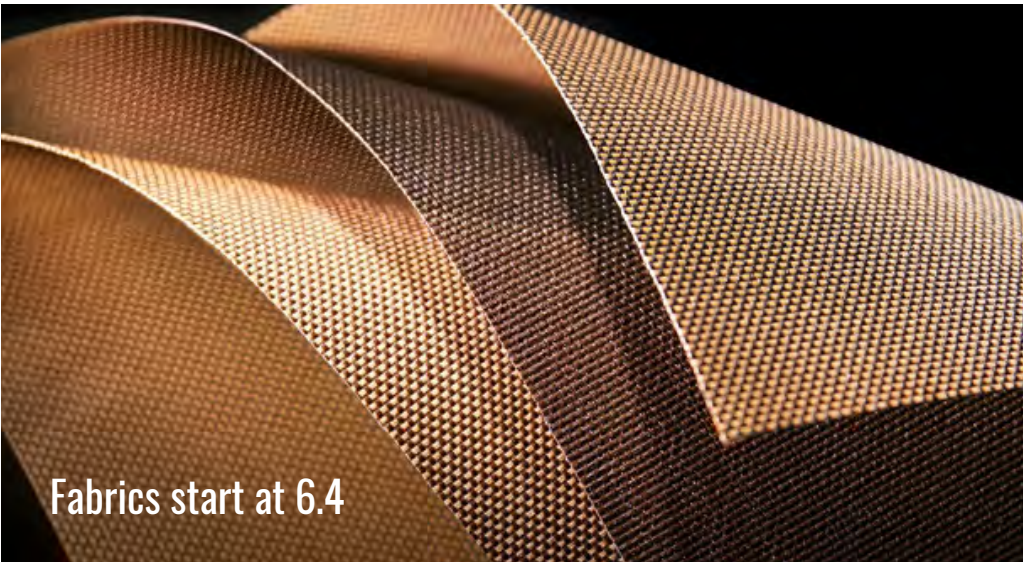
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# The Company

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Roll-A-Shade® has been a leading manufacturer of quality roller shade products for commercial applications for over 30 years. Our business has grown as a result of our superior reputation among the finest designers, architects and contractors in the commercial industry. Our philosophy can be summed up in these words: impeccable quality, unparalleled customer service and meticulous attention to detail.

Our complete one-stop service capability, from the initial visit to obtain measurements and fabrication requirements, to the manufacturing, testing and professional installation of our shades, guarantees that you will receive the highest quality product with the utmost reliability.

Our unique “rolling system” is the strongest and most durable shade clutch mechanism available, providing a secure product even in high-use locations like banks, restaurants, hotels and hospitals. All of our hardware is available in a multitude of standard and custom colors to match any color scheme. Automatic and remote control options make our roller shades easy to use in any location.

The Roll-A-Shade® design offers the easiest installation of any window shade. Our experienced installers can put up a complete Roll-A-Shade® system or you can easily self-install with instructions provided with all orders. All of our roller shades are thoroughly tested, professionally installed by fully-insured contractors and come with a limited lifetime warranty on most parts. We ship and install throughout North America, so we can accommodate your needs with a quality Roll-A-Shade® product regardless of your location.

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## Measure | Manufacture | Install

# National Account Program

Roll-A-Shade® provides consistent brand management throughout North America. Consistency between locations, both corporate and franchise, is of the utmost importance. Simply specify your shade system, from fabrics to colors and we will custom fabricate each and every shade to your exact specifications. Our in-house Facilities Department is integrated with procurement solutions such as Ariba®, Corrigo®, ServiceChannel®, Big Sky®, Facility Source®, Versaise®, and Expesite®. All Roll-A-Shade® products are installed by fully trained and insured professionals in all of North America.

## Quality | Service | Price



### What We Do for You

We're here to help you when one or more of your elevations faces the sun. Direct sunlight can contribute to many issues:

- Extraordinary heat for your customers
- Uncomfortable glare for employees and customers
- High energy costs due to intense heat gain



### What You Need to Do

Send us a request for shades and we will dispatch a technician to measure your location. After measurements are received, we'll send you a proposal. Once approved, leave the rest up to us!

*If you need budgeting quotes, send us elevation plans or estimated window sizes and we will provide a preliminary proposal.*

*We are not a dealer, so you will not pay middle-man pricing!*



### Our Process

- We conduct a **field measure**
- We **manufacture** the shades
- We **install** the shades
- Plus, we **service** all of your shades, when necessary

All of our technicians are trained, insured professionals, so you get the best service possible!



# Architectural Department

Roll-A-Shade® Architectural manages the large contract and specialty commercial projects nationwide. The Architectural team has developed strong relationships within the Architectural & Design community all over the country, working closely with firms from the early design phases all the way to project completion. Utilizing the industry's latest design software, Roll-A-Shade® Architectural offers professional submittal packages, including full system overviews and wiring diagrams for motorized applications. As with every Roll-A-Shade® project, the architectural Team offers post-installation service and support throughout the duration of the Roll-A-Shade® manufacturer's warranty.

Specifications are available upon request. Please refer to section 7 for Cut Sheets.



## v4 New Construction, Core and Shell, Schools and Healthcare

**\*Key:**

NC = New Construction

CS = Core + Shell

S = School

HC = Healthcare

| Category                                                                                                                                                                             | Potential Points                                         | Roll-A-Shade® Contribution                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>Energy and Atmosphere</b><br>Optimize Energy Performance                                        | <b>NC, CS: 1-18</b><br><b>S: 1-16</b><br><b>HC: 1-20</b> | <p>The intent is to achieve increasing levels of energy performance above the baseline in the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use. Roll-A-Shade's automated interior shade systems are designed to automatically adjust to the position of the shades incrementally on the window according to the sun's location, BTU load on the glass, building orientation, and real time climate temperature and sun sensors.</p> |
|  <b>Materials and Resources</b><br>Building Product Disclosure & Optimization-Material Ingredients | <b>NC, CS, S, HC:1-2</b>                                 | <p>This credit considers the components with pre-consumer and post-consumer recycled content. Roll-A-Shade® sun systems use many components with recycled content. Please contact a Roll-A-Shade® representative for pre and post recycled specifications.</p>                                                                                                                                                                                                                             |
|  <b>Indoor Environmental Quality</b><br>Thermal Comfort                                           | <b>NC, CS, S, HC:1</b>                                   | <p>The intent is to promote the productivity, comfort and well-being of occupants by providing a thermally comfortable design and control. Roll-A-Shade® shade systems allow occupants to control the height of solar shades to reduce heat penetration and glare in the building.</p>                                                                                                                                                                                                     |
|  <b>Indoor Environmental Quality</b><br>Daylight                                                  | <b>NC, CS, S: 1-3,</b><br><b>HC:1-2</b>                  | <p>The intent of this credit is to provide building occupants with a connection between indoor spaces and the outdoors through the introduction of daylight and views by using Roll-A-Shade® shade systems. Daylighting design involves a balance of heat gain and loss, glare control, and contrast ratios for visual quality.</p>                                                                                                                                                        |
|  <b>Indoor Environmental Quality</b><br>Quality Views                                             | <b>NC, CS, S: 1</b><br><b>HC:1-2</b>                     | <p>Provide building occupants with a connection between indoor spaces and the outdoors through the introduction of daylight into the regularly occupied areas of the building. Achieve a direct line of sight to the outdoor environment via vision glazing, between 30 in. and 90 in. above the finished floor, for building occupants in 90% of all regularly occupied areas.</p>                                                                                                        |





# Interior Systems

Roll-A-Shade® offers a full line of interior roller shade systems. The various interior systems are available in a variety of control options. From manual to motorized, Roll-A-Shade® has a system to suit every application. Every shade system is manufactured using the most durable components and materials available. These commercial interior shade systems have proven to stand up against the most demanding environments including restaurants, hotels, schools, office buildings and a multitude of other industries.



# Infinity Shade System™



Phifer Sheerweave® 5000 - Linen/Cream

Our Infinity Shade System™ is a sleek, modern, commercial system that has been designed to minimize light gaps and compliment modern decor. The unique, polished Infinity™ bracket features a smooth, flush finish and conceals the appearance of the clutch mechanism perfectly. This cost-effective shade solution is specially designed for 2" retail mullions. Available in two sizes and multiple colors, this shade system is ideal for a full range of sizes.

## Brackets Available In The Following Colors



White



Black



Anodized



Chrome

*Black Infinity Bracket*

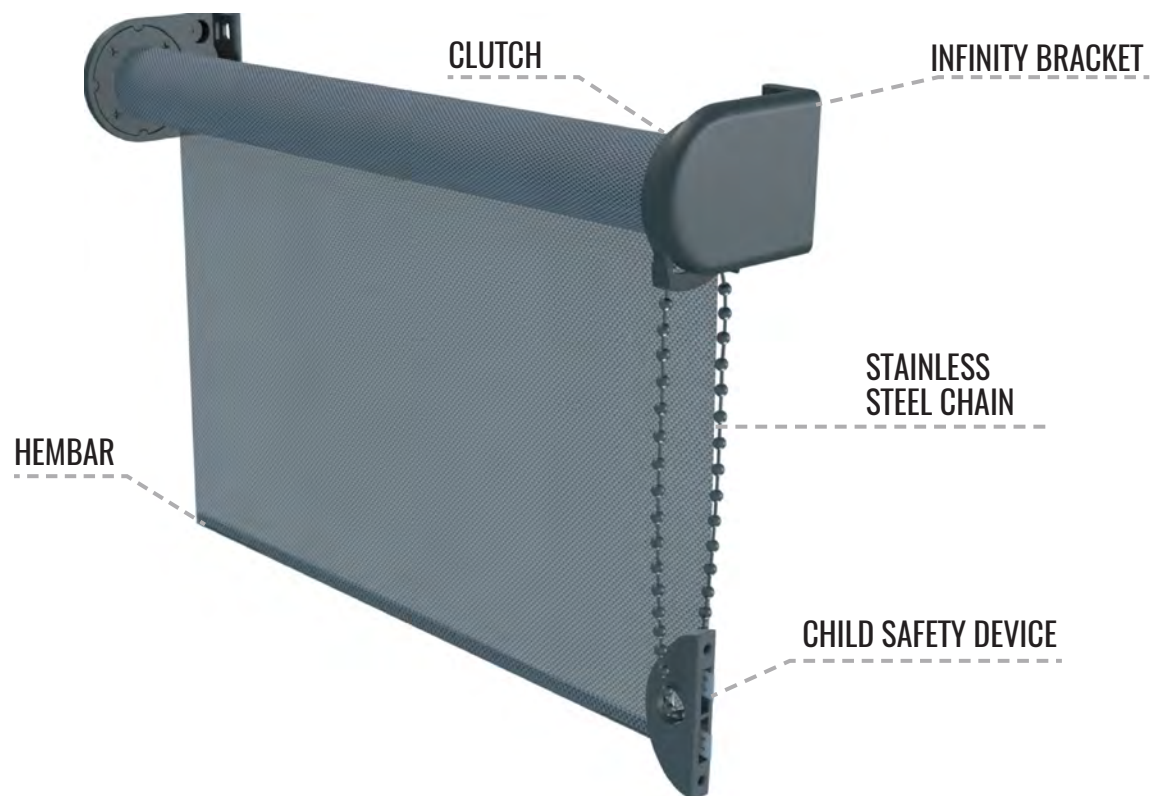


*Anodized Infinity Bracket*





Mermet® E-Screen 10% - White/Pearl



# 3" Top Fascia

MANUAL  
SYSTEM

RADIO



PhiFer Sheerweave® 2000 - Platinum



PhiFer Sheerweave® 4100 - Greystone

The Roll-A-Shade® Top Fascia system is expertly designed to cover shade systems for a modern, polished look. Constructed of L shaped extruded aluminum, the 3" fascia panel covers the front and top of the roller tube and conceals the mounting hardware. This design protects the fabric from long term dust and dirt collection. This fascia system is designed for fast, easy and secure installation.

### Brackets & Fascia Available In The Following Colors



White



Black



Bronze



Silver  
Metallic



Vanilla



# 4" Bottom Fascia



Phifer Sheerweave® 2390 - Oyster



The Bottom Fascia covers the front and underside of the roller shade to provide a sleek, minimal appearance. The fascia brackets are easy to mount as they are designed for outside, top and side mounting. Available in both manual and motorized options, the 4" system is perfect for large windows. When motorized, the 4" system has versatility to cover many windows by linking multiple shades together. When linking shades together, one motor can drive multiple shades making this a cost-effective motorized solution. This system can be completely concealed on all sides by requesting the 4" Bottom Fascia with Cassette.

## Brackets & Fascia Available In The Following Colors



White



Black



Bronze



Anodized



Vanilla



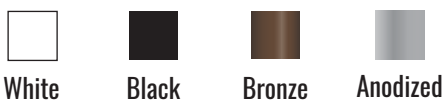
# 5" Dual Shade System

MANUAL  
SYSTEM

RADIO

The 5" Dual Shade System features a unique top fascia system that houses two separate roller shades: one translucent shade and one black-out shade. This system is ideal for when both light-filtering and room-darkening fabrics are needed in the same window. Available in both motorized and manual options, the 5" Dual Shade System combines form and function while offering a modern, clean look.

Brackets and Fascia Available In The Following Colors



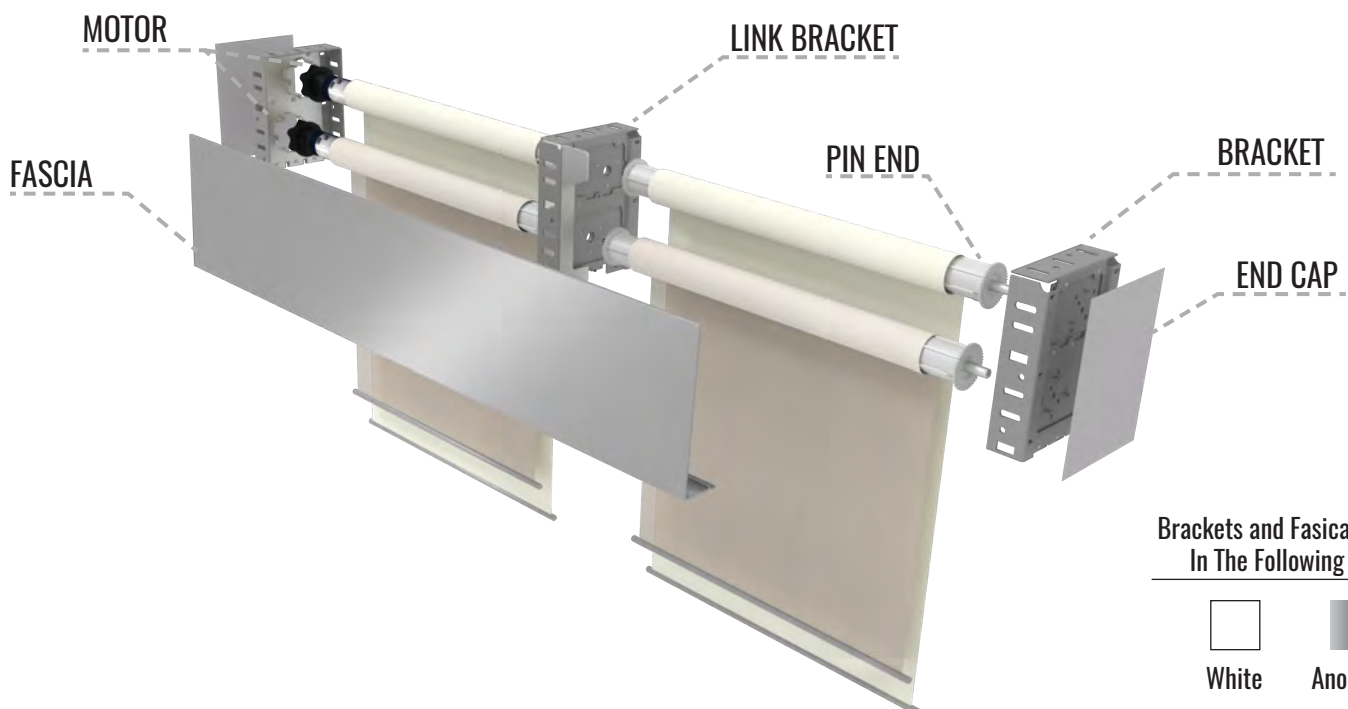
Blackout: Mermet® Avilia Twilight - Black  
Solar Screen: Mermet® M-Screen 5% - Charcoal/Charcoal

# 7" Dual Shade System



Blackout: Phifer Sheerweave® 7500 - Mist  
Solar Screen: Phifer Sheerweave® 2390 - Oyster/Pearl Gray

Available as motorized only, the heavy-duty 7" Dual Shade System is the perfect option for large windows which require both room-darkening and light-filtering shades. This system includes a 7" fascia, which conceals the roller shades for a clean and polished look. The commercial-grade 7" fascia bracket provides enough room for two large shades, and can be linked to multiple windows when desired.



# Contract Series

MANUAL  
SYSTEM

ISN  
INTELLIGENT SHADE NETWORK

4WIRE

RADIO



Phifer Sheerweave® 7000 - Cocoa

The Contract Series is ideal for facilities and rooms where light and privacy are a concern. When combined with a blackout shade the contract series encompasses all edges of the fabric providing no visual line of sight into the space. Provide any room with a stylish and functional contract series roller shade to significantly reduce light and glare when using projectors or televisions. The Contract Series system was also designed to allow shades to be integrated into the ceiling for concealment above the drop ceiling.

## Brackets, Box and Channels Available In The Following Colors



White



Anodized

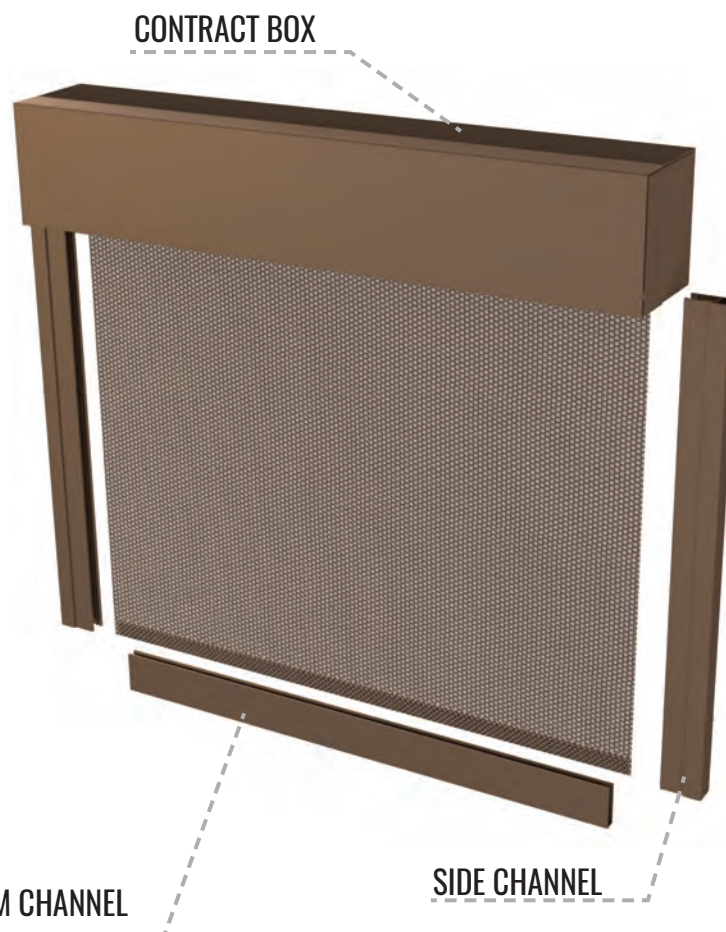


Bronze

## This System is Available in:

5"

6"



# Cable Guided System

The interior Cable Guided System is designed to allow shades to operate on a sloped angle. The roller shade attaches to a guided cable ensuring that the shade rolls up and down without obstruction. Made of stainless steel, the guide wires are connected to the upper bracket and to the floor or wall to ensure the shade follows the angle of the surface smoothly.

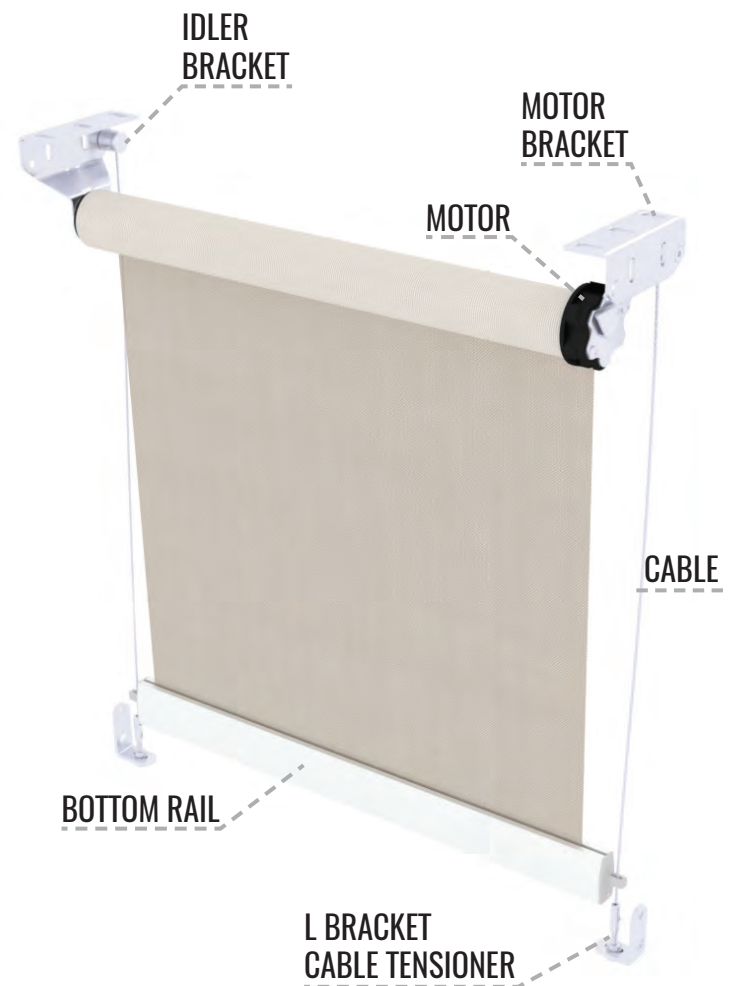
**Brackets and Bottom Rail**  
**Available In The Following Colors**



White



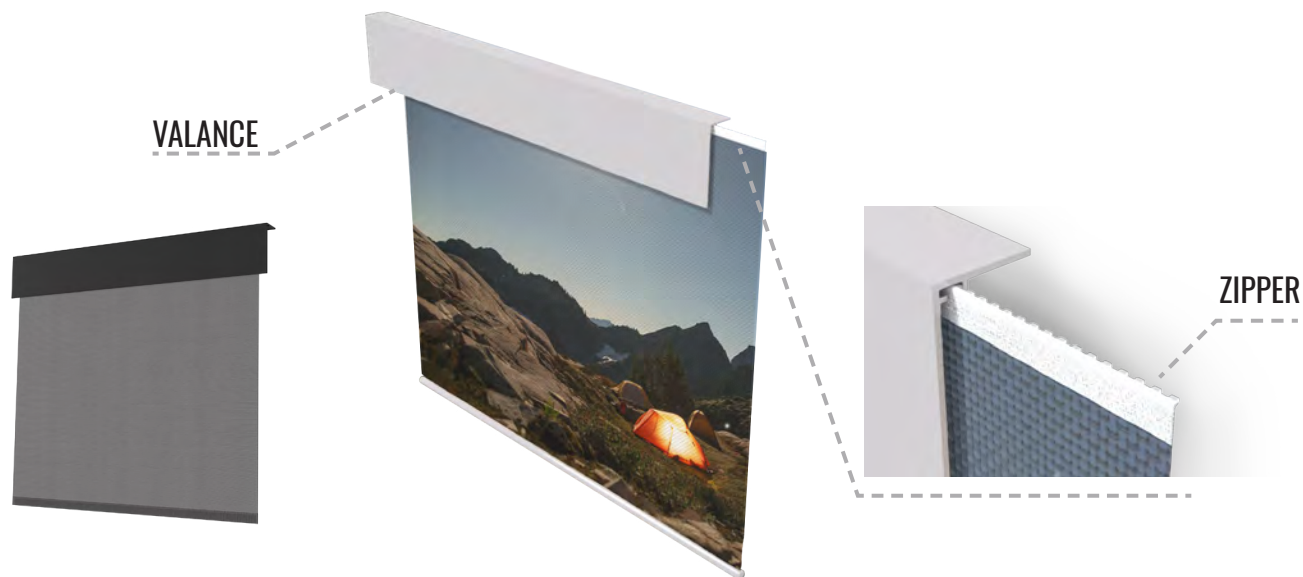
Black



Mermet® E-Screen 3% - White/White

# ZipStat System

The ZipStat System is ideal when constant sun protection is a necessity. The ZipStat is cost effective and easily installed. The valance is available in 5 powder coating colors and there are many fabric options that can be used in this system. Installing a printed shade into this system allows customers to enjoy the benefits of a sun protection system while utilizing visual marketing graphics. This system also gives customers the ability to easily change the shade fabric every time a new marketing campaign is released.



Valance Available In The Following Colors



Phifer Sheerweave® 7500 - Ice



Phifer Sheerweave® 4000 Ebony



# Exterior Systems

Exterior shade systems are the perfect solution to protect your customers from the harsh effects of the elements. These systems are designed to decrease thermal heat gain, block direct sunlight and reduce glare to create a relaxing outdoor atmosphere. Exterior shades can be installed on patios or outdoor eating areas to create a comfortable ambiance for employees and customers. Roll-A-Shade® offers a wide variety of exterior fabrics that are manufactured to withstand the elements.





The Roll-A-Shade® ZipShade® offers proven performance, high quality, superior design and easy installation. Wind tight in every position, thanks to the patented ZipShade® technology, flapping or tearing of screen fabrics is a thing of the past.

## Premier Patio Shading

The addition of patio seating at a restaurant has been proven to increase revenue and the customers' dining experience. There are many factors that lead to the contentment of customers, the most important being comfort. The ZipShade® makes patio seating more enjoyable by filtering the direct sunlight and decreasing heat gain while maintaining outdoor views. When in the closed position, the ZipShade® is insect-proof and is operational in winds up to 80mph\*. Intelligent side channel technology allows quiet operation to ensure guests are not disturbed by the raising or lowering of the shade. The ZipShade® makes outdoor eating spaces more comfortable for occupants in any season.

*\* Please see page 3.5 for wind rating chart*

## Clear Vinyl Windows

To maintain optimal view-through, transparent vinyl windows can be fitted in the ZipShade®. Clear vinyl windows are ideal on restaurant patios when outdoor views must be preserved. When in the closed position, the vinyl windows allow occupants to maintain a connection with the outdoors while blocking insects from entering the space.



3.2

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Quiet Operation



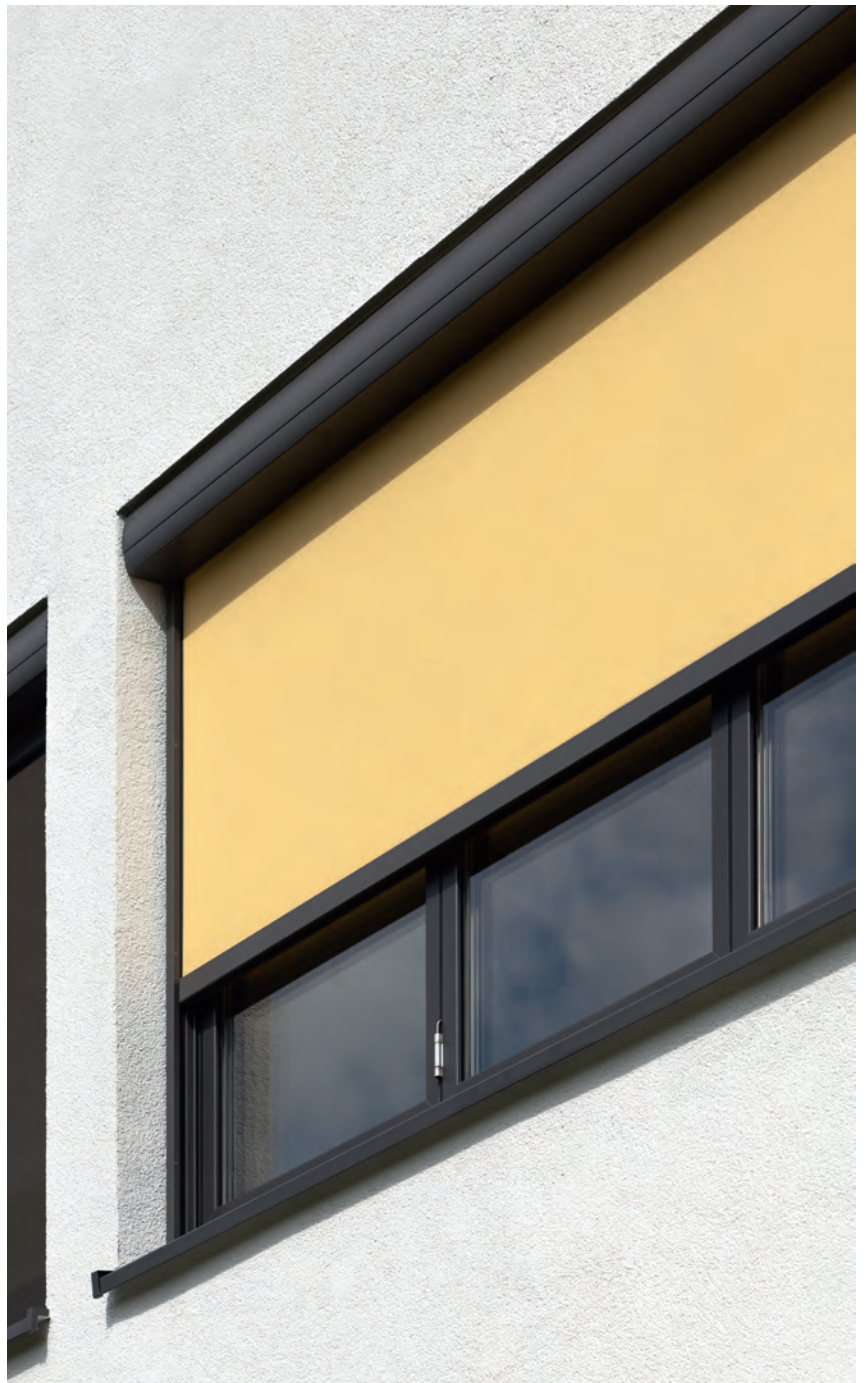
**OPERATIONAL** in winds up to **80** <sup>M\*</sup><sub>P  
H</sub>

\* Please see page 3.5 for wind rating chart

## The Need for Sun Protection

When placed on the exterior of a window, the Roll-A-Shade® ZipShade® helps avoid overheating by filtering the direct sunlight that enters an interior space. This can result in decreased cooling and air conditioning costs and can reduce overall energy consumption by utilizing natural daylight. Depending on the type of fabric selected, different degrees of heat-resistance are possible. The ZipShade® can greatly reduce the use of artificial lighting while also reducing heat gain by not allowing sun rays to penetrate the glass exterior of the building.

The extensive range of fabric colors and profiles ensures that the ZipShade® is in perfect harmony with the architecture of your building, thus creating a pleasant environment.



## Zipshade® Product Specifications

There are three different ZipShade® sizes: ZipShade® 100, ZipShade® 100 Slim and ZipShade® 150. Each system has unique characteristics and can be installed in a variety of applications.

### Shade Headbox

The ZipShade® headbox is constructed of two aluminum profiles. The headbox is closed by means of a square front profile that hinges into the box. This construction of the headbox results in easy assembly and installation. Each end has a side console that supports the roller tube and is equipped with heavy duty pins that lock the headbox into the side channels.

### Fabric Roll

The ZipShade® fabric roller is composed of steel and has a unique sunken groove to limit the impression of the fabric loop. This groove strongly reduces the horizontal line formation in the fabric.

### Bottom Bar

The ZipShade® bottom bar is composed of extruded aluminum and is made heavier with a round bar of galvanized steel. For perfect connection with the sill, the bottom bar has a plastic darkening strip.

### Side Channel

The ZipShade® side channels are made of extruded aluminum. The external side channel consists of 2 parts. The internal channel is made of HPVC and is fitted with neoprene buffer zones to compensate for wind gusts. The zip, which is welded to the fabric, slides into the HPVC side channels and the fabric is 'held fast'.



### ZipShade® 100

Ideal for smaller openings.



### ZipShade® 100 Slim

Side channels can be recessed into walls to provide a seamless appearance.

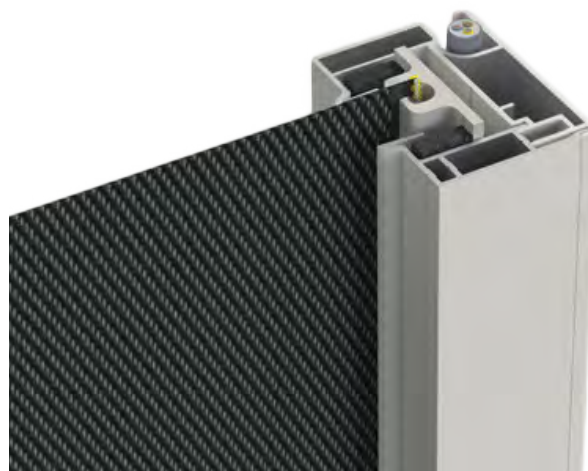


### ZipShade® 150

Designed for larger applications up to 20' wide.

## Patented Zip System

The superior ZipShade® utilizes a patented zip system called Smooth Technology. The custom zipper is welded onto the edges of the shade fabric and inserted into the custom, 2-part side channel. This locking zipper guarantees a fixed fabric with no wrinkles. The interior of the channel contains a co-extruded self-lubricating PVC top coating which results in smooth, quiet operation.



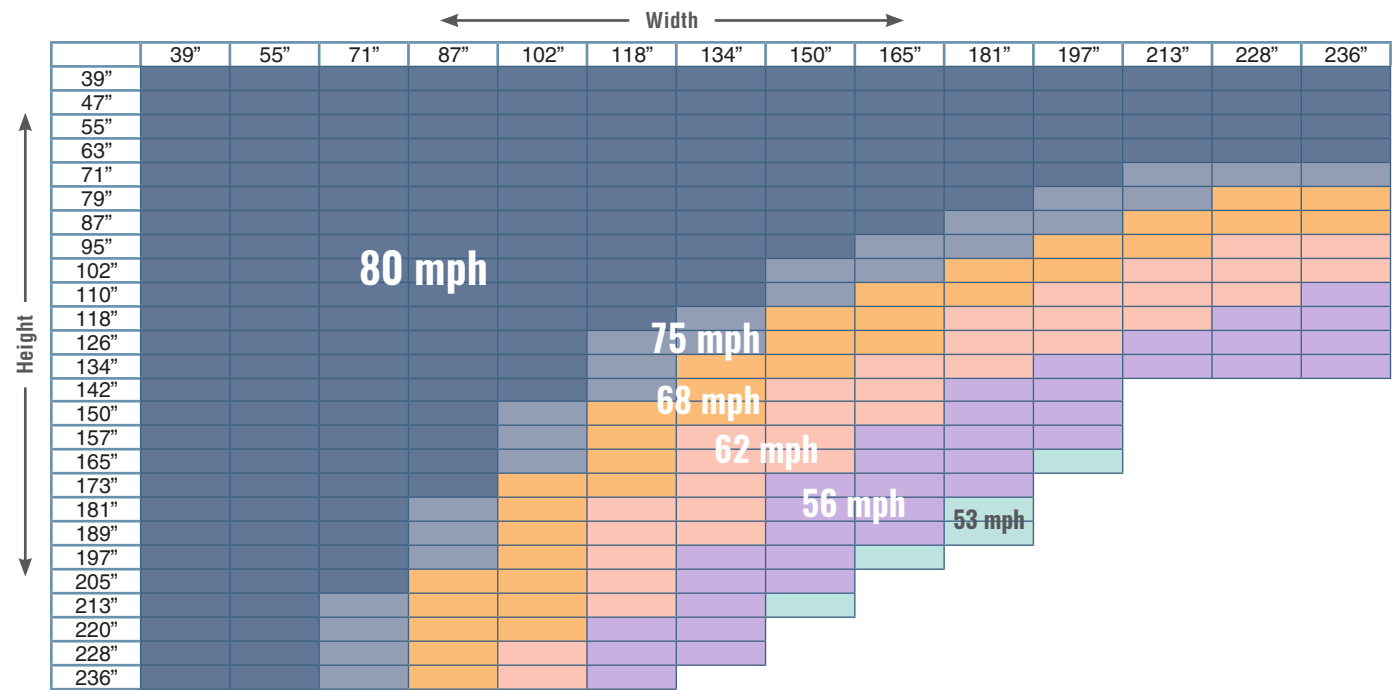
# Operational Wind Speed

The superior ZipShade® side channel technology results in extreme wind resistance. Thanks to the ingenious zip system, the shade fabric is windproof in any position. Due to the edging, the symmetrical zipper is positioned on both sides of the fabric and is firmly embedded in the zip guides. Testing has shown that the ZipShade® is resistant against a wind speed of up to **80mph\*** in a closed position which makes the ZipShade® one of the most weather resistant, sun protection screens on the market.

\* Wind rating subject to change based on shade size.

## Zipshade® Wind Rating

Wind tests performed on the ZipShade® installed in front of a window and manufactured using fiberglass shade fabric.



# Cable Guided System

MANUAL  
SYSTEM

ISN  
INTELLIGENT SHADE NETWORK

4WIRE

RADIO

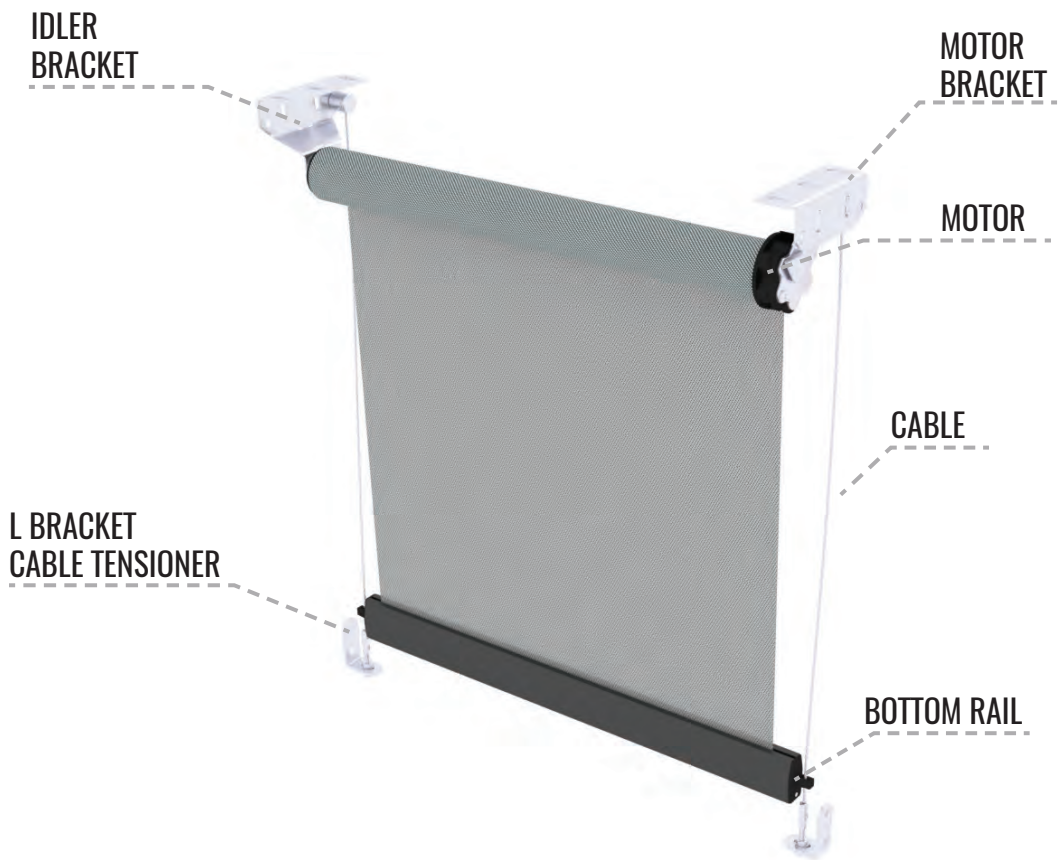


Serge Ferrari® Soltis® 92 - Black



Mermet® E Screen 7503 - Charcoal/Cocoa

The durable exterior Cable Guided System is a cost-effective shading solution for exterior applications. This heavy-duty system is made to withstand moisture and temperature fluctuation while keeping your customers comfortable. Made of stainless steel, guide wires are connected to the upper bracket and ground to stabilize the shade and prevent damage from outdoor weather conditions. This system preserves your outdoor view while allowing you to maximize heat gain reduction and control sunlight. Outdoor roller shades are a stylish addition to any patio, veranda, sun-room or courtyard, and can be rolled up when not in use.





When combined with battery and solar power options, radio controlled motorized shades truly are wire free. There are a multitude of radio control options including wireless wall switches, hand held remote controls, sun sensors and timers. Radio controlled shades are great in retrofit and remodel projects.

Radio shades can be operated from virtually anywhere without direct line of sight. Similar to how a garage door opener operates, radio signals travel through walls and make it possible to control multiple coverings alone or as a group.



## Radio Controls

### Remotes

Hand-held remotes provide convenient control and are most popular in residential settings. Some models allow for control of remote sensors, while others are equipped with built-in timers. Whether the remote is for the living room, conference room or patio, remotes are a simple and stylish option for shade operation.

### Switches

Wall switches are ideal in most commercial settings where a hand-held remote may get lost. Simply install a wall switch in any interior wall and/or convert the keypad into a table-top remote with a special accessory. Each wall switch is equipped with an up, down and “stop” button, allowing you to control motorized shades effortlessly.

### Sensors

Roll-A-Shade® offers sun, wind, rain and temperature sensors. Sensors allow for automation of radio controlled motorized systems. Roller shades operated by sensors will adjust automatically to the changing elements of the outdoors.

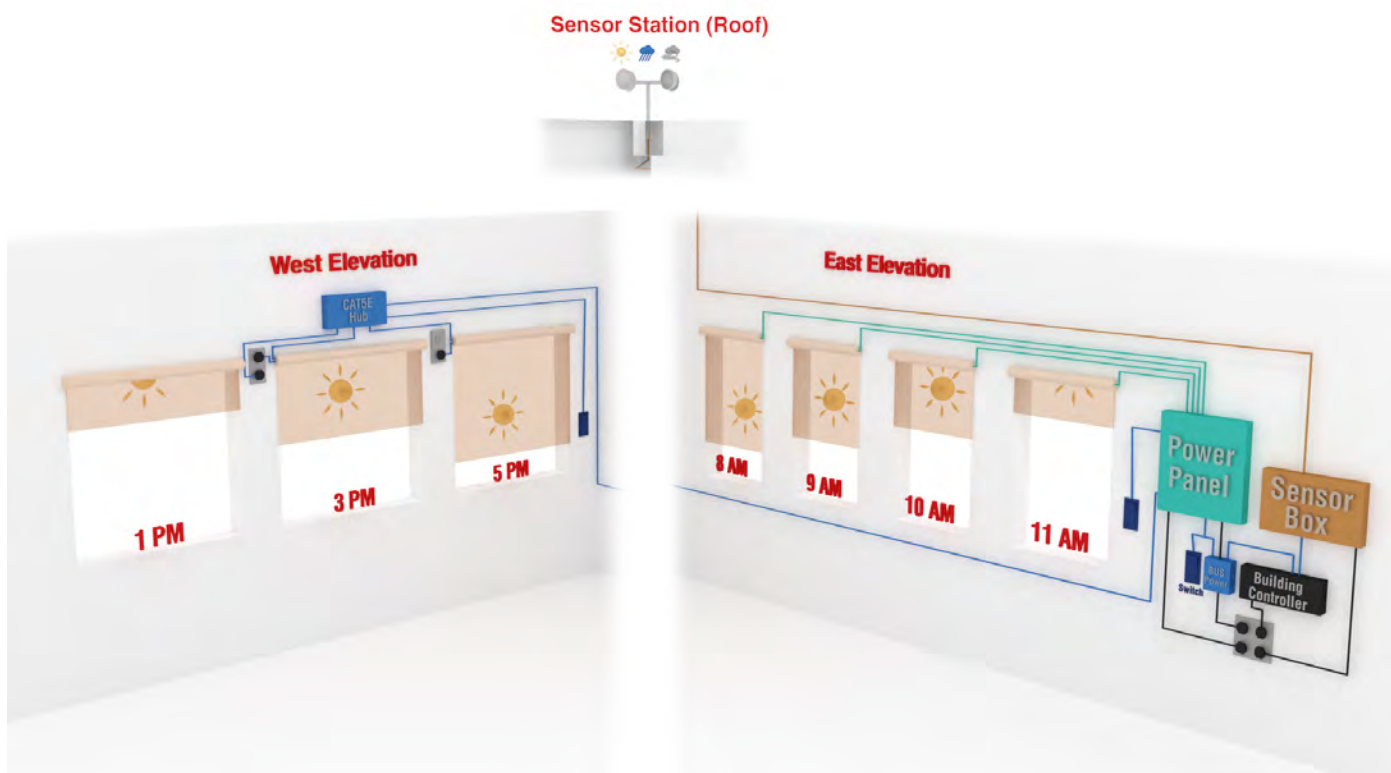
# ISN

## Intelligent Shade Network

Roll-A-Shade's Intelligent Shade Network (ISN) utilizes intelligent motor technology to provide a comprehensive sun control solution for every environment. The intelligent motor design features an on board microprocessor and a digital encoder, which allows a wide range of features to be easily programmed.

The ISN is software configured for the management of day lighting and glare control to improve comfort and reduce HVAC energy demands. Each component is assigned a unique address which allows specific tasks to be configured over the network. Configuration and reconfiguration is easy as functional assignments are made without the need to access the end product or physically rewire hardware. Whether designing for 10 motors or 1000 motors you no longer carry the cost impact of providing a centralized building controller and remotely located hardware modules. Partnering is easy since the ISN plays nicely with others. With standardization of the bus line approach it easily integrates with lighting, HVAC and Energy Management Systems.

With automated shade scheduling, shades are altered based on the current environment and pro-actively adjust to conditions. Shades automatically adjust to maintain the maximum amount of natural light while continuing to block the harsh direct sunlight and heat.



# 4WIRE

In new construction or renovations, 4-Wire Motor Systems provide simple and reliable control for installations that do not require complex management solutions. A 4-Wire Motor System links the control device to the motor using electrical wires carrying power and limiting the switch to the source of control. The common motor options available for these systems are durable and dependable and feature a wide variety of torques and speeds which are a beneficial resource for interior or exterior motorized shading applications.



When choosing basic controlled systems, power supply and wiring should be planned prior to construction and include the possibilities of future renovations. Manual controls must be located near windows and in strategic areas which often requires a detailed system design process before development can take place. 4-Wire Motor Systems are a great solution for cost-conscious new construction projects that must meet specific wiring requirements.



# MANUAL SYSTEM

Every manual shade is manufactured with a premium, smooth operating clutch. Our premiere clutch system is constructed of patented, long-lasting, nylon core technology. Clutches are very simple to operate; simply pull down on the control chain to either raise or lower the shade to desired height.



## Galaxy Clutch

This high capacity geared clutch is compact and smooth for larger, heavier shades. This inventive model has a 53 lbs. shade capacity and reduces pull forces. The Galaxy Clutch is constructed with superior materials to promote long life and exceptional performance. It incorporates a patented rotating and orbital planetary gear system and is designed for a higher capacity without increasing the clutch size.

## Child Safe Chain Anchor



This chain anchor (tension device) is compliant with Safety Standard ANSI/WCMA A100 1-2010 which requires that the tension device shall be designed so when not properly installed it will, at least partially, prevent the lift system from moving the window covering through lowering and raising.

This chain anchor secures the bead chain making the operation smooth while providing an attractive appearance. This anchor requires 2 mounting screws to eliminate anchor swivel and promote strength.

Warning: Failure to use the chain anchor may cause injury or death.

### Valance Available In The Following Colors



## Hem Bar



The sealed pocket hem bar is heat welded at the top and the sides to provide a refined, unobtrusive appearance.

## Bottom Rail



Roll-A-Shade's proprietary bottom rail is durable, sleek and attractive. It is available in all standard colors to match the fascia and installation brackets. The plastic end caps are available in black and white.

### Bottom Rail Available In The Following Colors





# Branding

Your brand has a voice, and printed logo shades can help you communicate that voice to your customers, while reducing glare and heat gain. Printed logo shades are ideal when your location has strict exterior signage codes. Printing is visible from the storefront, putting your company logo or products directly in front of your consumers.



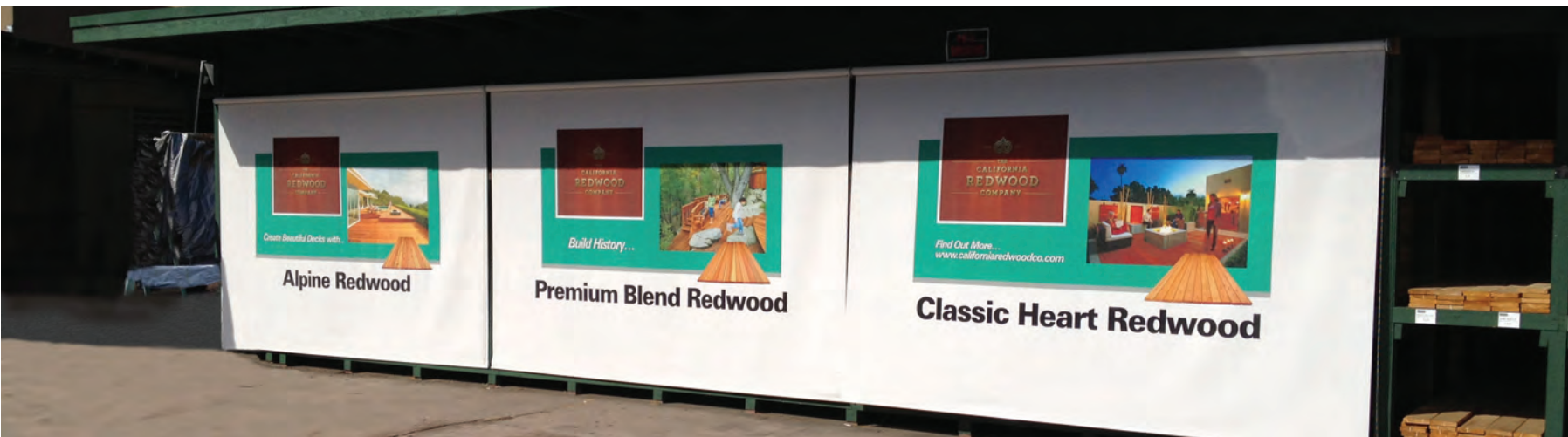
Need sun control and signage? Use printed shades to do both jobs. Dual-purpose printed shades provide protection from UV rays and glare while also providing you with a canvas to display any message to your customers. From drive-thru window instructions to product displays, printed shades allow you to convey your information in an aesthetically pleasing and functional way.

Let your imagination run wild with a full-bleed print! Whether you're inspiring young minds, or fostering creativity, your image choices are endless. From photos, to murals, to inspiring messages, printed shades can help you turn your windows into a piece of artwork while maintaining a comfortable interior environment.



# Printed Shades

Roll-A-Shade® offers custom printing on manual, stationary and motorized roller shades. The state-of-the-art printing equipment has the ability to print vibrant, vivid artwork including company logos and full-bleed marketing images. Printed shades are an extremely cost-effective way to create added sales exposure while maintaining all the benefits of our sun shades, including clear visibility to outside and energy savings. Our durable, odorless water-based latex inks are GREENGUARD Gold® certified and able to withstand years of wear. We can print on a wide variety of solar screen fabrics. Please contact your sales representative for a complete list of printable fabrics.



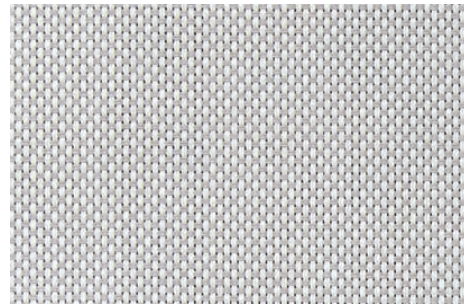
# Roll-A-Shade® Print Series

The Roll-A-Shade® Print Series features a distinct line of fabrics that are ideal for printing. Whether you are printing a full-bleed image, or a 3-color logo, the Print Series offers a bright, vibrant image every time. Available in 3 colors and 4 openness factors, the Print Series is sure to have a fabric to suit your needs. All fabrics in the Print Series line are flame retardant and GREENGUARD® certified.

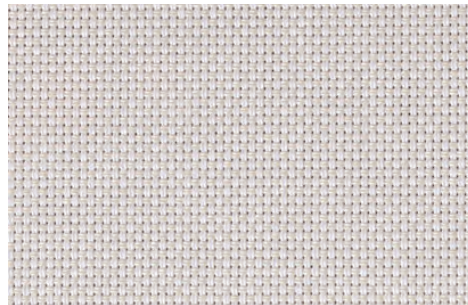
## Print Series | 1%, 3%, 5%, 10%



001 - White/White



003 - White/Gray



016 - White/Linen



# Logo Shades®

Build your brand by adding Logo Shades® to any of your windows. Logo Shades® are cost-effective and allow you to display your message when exterior signage is limited. All printing and manufacturing is completed in-house to your exact specifications, right down to the PMS® colors. Logo Shades® are UV resistant and visible in all types of lighting. Choose where the logo is displayed in the window by raising or lowering the shade.



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| Solar Screen Fabrics.....                   | 6.7-6.15  |
| Roll-A-Shade® Signature Series .....        | 6.7       |
| Soltis® 88 .....                            | 6.8       |
| SheerWeave® Style 2500/2410/2390/2360 ..... | 6.9       |
| SheerWeave® Style 2000/2100 .....           | 6.9       |
| E Screen .....                              | 6.10      |
| Sunshadow 3000 Net.....                     | 6.10      |
| SheerWeave® Style 2701/2703/2705/2710.....  | 6.11      |
| M Screen .....                              | 6.11      |
| SheerWeave® Style 4600/4500 .....           | 6.12      |
| SheerWeave® Style 4800 .....                | 6.12      |
| SheerWeave® Style 4650/4550 .....           | 6.13      |
| SheerWeave® Style 4901/4903 .....           | 6.13      |
| SheerWeave® Basic .....                     | 6.14      |
| SheerWeave® 7600/7650 .....                 | 6.14      |
| Soltis® 99 & BV99 .....                     | 6.15      |
| Designer Fabrics.....                       | 6.16-6.17 |
| Deco Screen.....                            | 6.16      |
| SheerWeave® Style 5000 .....                | 6.16      |
| SheerWeave® Style 5000 (cont.) .....        | 6.17      |
| Vizela .....                                | 6.17      |
| Interior & Exterior Fabrics .....           | 6.18-6.22 |
| Soltis® 92 .....                            | 6.18      |
| Soltis® 92 (cont.) .....                    | 6.19      |
| Soltis® 86 .....                            | 6.19      |
| Soltis® 86 (cont.) .....                    | 6.20      |
| Vienne.....                                 | 6.20      |
| Natte .....                                 | 6.21      |
| SunTex 80 .....                             | 6.21      |
| SunTex 90 .....                             | 6.22      |
| SunTex 95 .....                             | 6.22      |
| Blackout Fabrics .....                      | 6.23-6.25 |
| SheerWeave® Style 7000 .....                | 6.23      |
| Flocke .....                                | 6.23      |
| SheerWeave® Style 7500 .....                | 6.24      |
| SheerWeave® Style 7100.....                 | 6.24      |
| Avila Twilight .....                        | 6.25      |

**\*Not all fabric sample cards are in this binder. If you need a fabric card that is not in this binder, please reach out to your Sales Representative.**

# Choosing the Right Fabric

Sun control fabrics are designed to control light, glare and heat without obstructing the view. When choosing a fabric, there are a few other things to consider like function, style, color, technology, sustainability and certifications.

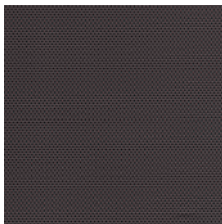
## Function



M-Screen | 3% | White Stone

### Temperature Control

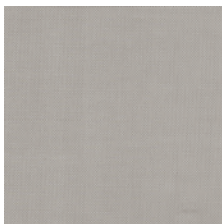
When heat gain or loss is an issue, a fabric with a smaller openness factor, such as a 3%, is ideal. This style fabric will control heat gain and loss while also controlling the light that enters the space.



Sheerweave® Style 4100 | Tobacco

### View-Through

When preserving outdoor views is of the utmost importance, a fabric with a higher openness factor, such as a 10%, is ideal. The larger openness factor will allow occupants within the space to see outside more clearly.



Sheerweave® Style 7100 | Bone-Platinum

### Light Control

When complete darkness is a necessity, blackout fabrics are ideal. Blackout fabrics will block 100% of light when paired with a shade system with side channels.

## Style



Sheerweave® Style 2705 | Oyster-Pewter

### Solar Screen

A traditional solar screen contains a repetitive pattern and weave. This style provides consistent coverage throughout each window.



Sheerweave® Style 5000 | Linen-Cranberry

### Designer Screen

Unique weave that provide a more decorative look than traditional solar screen weaves. Designer weaves can include multiple colors and textures.

## Color



Sheerweave® Style 4100 | Tobacco

### Dark Fabrics

A darker colored fabric is ideal when glare control and view through are a necessity. Dark colored fabrics transmit less light which in return has a lower surface brightness and reflectivity. When preserving outdoor views is important, dark fabrics are the most ideal option.



E-Screen | 5% | White-Linen

### Light Fabrics

A lighter colored fabric will reflect sunlight and in turn will absorb less heat, lowering the heat gain in the space. Light colored fabrics are ideal for facades that experience intense UV rays and harsh sunlight.

# KOOLBLACK<sup>®</sup> TECHNOLOGY

## KOOLBLACK<sup>®</sup> Technology

KOOLBLACK<sup>®</sup> Technology increases the heat reflectivity of dark color solar shade fabrics to levels comparable to light color fabrics. This feature, coupled with the other benefits of dark color fabrics, provides excellent contrast for a clear and sharp view through, comfortable indoor environments, and maximized energy savings through reduced cooling costs.



## Reflective Backing

Reflective fabrics pair traditional solar screen fabrics with the highly reflective properties of metalization to create the ultimate sun control protection. A thin metalized coating is applied to the back side of a dark fabric to increase glare reduction and decrease heat absorption.

## Technology



## Cradle to Cradle<sup>®</sup>

The Cradle to Cradle<sup>®</sup> icon signifies the biometric approach to the design of products. The production of the product is modeled after nature's processes and materials circulate in a healthy, safe way.



## Dow Ecolibrium<sup>®</sup>

Ecolibrium is a renewable alternative to traditional plasticizers. Ecolibrium lowers greenhouse gas emissions by as much as 40% compared to existing compounds. It is also phthalate free, lead-free and RoHS compliant.

## Sustainability



Antimicrobial Product Protection

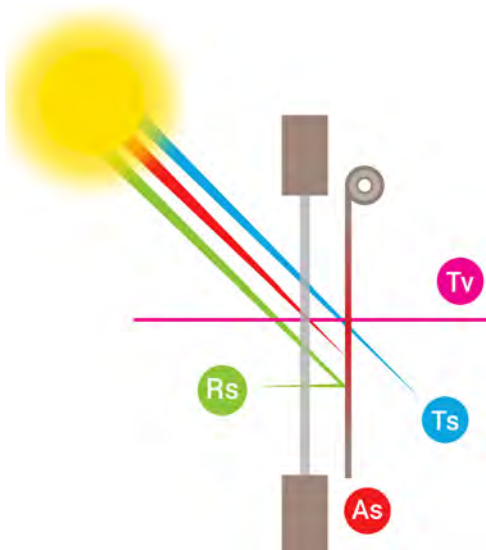


Clean Air, Indoor Air Quality, VOC emissions



Seal of Approval for effectiveness in preventing sun damage to skin or eyes.

## Certifications for Human Health



## Solar Properties

### Ts = Solar Transmittance

Measures the percentage of solar radiation that passes through the fabric.

### Rs = Solar Reflectance

Measures the percentage of solar radiation reflected back out of the fabric.

### As = Solar Absorbance

Measures the percentage of solar radiation absorbed by the fabric.

### Tv = Visual Transmittance

Measures the percentage of visible light that passes through the fabric. Fabrics with the same openness factor may differ slightly in TV due to the reflectivity of light colors.

# Fabrics



## E Screen | WITH KOOLBLACK TECHNOLOGY

High Performance | 1%, 3%, 5% Openness



**Specification Data**

|                                 |                                                                                |
|---------------------------------|--------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 1%, 3%, 5%                                                       |
| Composition:                    | 36% Fiberglass / 64% Vinyl                                                     |
| Fire Classification:            | NFPA 701-10TM #1, California U.S. Title 19, CAN/ULC-S109-03 (small flame test) |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21                                                          |
| Acoustical Performance:         | 3% = NRC 0.15 / SAA 0.17, 5% = NRC 0.10 / SAA 0.12                             |
| Card Revision Date:             | 06.15v1                                                                        |



## T Screen | WITH KOOLBLACK TECHNOLOGY

Transparent | 1%, 3%, 5% Openness



**Specification Data**

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Openness Factor:                | Approximately 1%, 3%, 5%                   |
| Composition:                    | 36% Fiberglass / 64% Vinyl                 |
| Fire Classification:            | NFPA 701-10TM #1, California U.S. Title 19 |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21                      |
| Card Revision Date:             | 06.15v1                                    |





## SheerWeave® Style 2500+ / 2410+ / 2390+

Metallized Fabric | 1% 3% 5% Openness



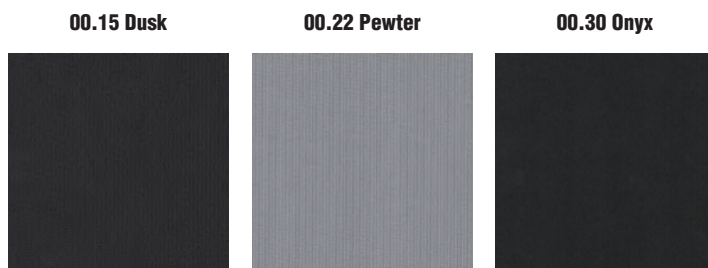
### Specification Data

|                                 |                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 2500 = 1%, 2410 = 3%, 2390 = 5%                                                                                                                                                                                                                                                                                      |
| Composition:                    | 36% Fiberglass, 62% Vinyl on Fiberglass, 2% Aluminum. 2410: 34% Fiberglass, 64% Vinyl on Fiberglass, 2% Aluminum. 2390: 34% Fiberglass, 64% Vinyl on Fiberglass, 2% Aluminum.                                                                                                                                                      |
| Fire Classification:            | California U.S. Title 19 (small scale), NFPA 101 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), CAN/CGSB2-4. 162-M80, NFPA 701-2004 TM#1 (small scale), IBC Section 903. (Class A Rating), NFPA 701 TM#2 (large scale), ASTM E 84 (Class1), M1 (NF-P-92 503), B2 (DIN 4102-1) |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21                                                                                                                                                                                                                                                                                                              |
| Acoustical Performance:         | 3% = NRC 0.15 / SAA 0.17, 5% = NRC 0.10 / SAA 0.12                                                                                                                                                                                                                                                                                 |
| Card Revision Date:             | 06.15v1                                                                                                                                                                                                                                                                                                                            |



## GreenScreen Revive®

Translucent | 1% & 5% Openness



### Specification Data

|                                 |                                                                              |
|---------------------------------|------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 1% & 5%                                                        |
| Composition:                    | 100% Polyester / PVC Free, 89% Recycled Content                              |
| Fire Classification:            | NFPA 701-10TM #1, California U.S. Title 19, CAN/ULC-S109-03 Small Flame Test |
| Bacteria and Fungal Resistance: | ASTM G21                                                                     |
| Acoustical Performance:         | 1%= NRC: 0.25, SAA: 0.24 / 5%= NRC: 0.15, SAA: 0.14                          |
| Card Revision Date:             | 11.14.v1                                                                     |

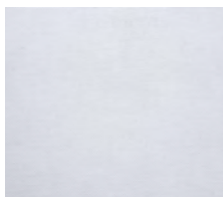




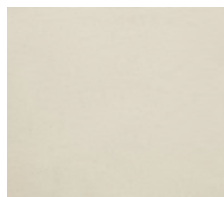
## SheerWeave® Style 8000

Sustainable | 3% Openness

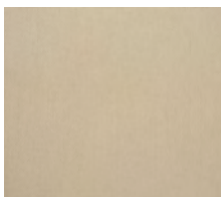
S01 Snow



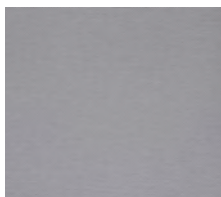
S02 Eggshell



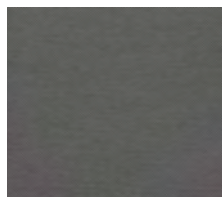
S03 Ecru



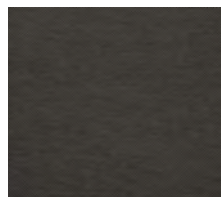
S04 Silver



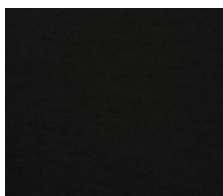
S05 Smoke



S06 Seal



S07 Kohl



### Specification Data

|                                 |                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 3%                                                                                                                                                                                                                                                                                 |
| Composition:                    | 100% Polyester                                                                                                                                                                                                                                                                                   |
| Fire Classification:            | California U.S. Title 19 (small scale), NFPA 101 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), CAN/CGSB2-4.162-M80, NFPA 701-2004 TM#1 (small scale), IBC Section 903.1 (Class A Rating), NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1) |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21                                                                                                                                                                                                                                                                            |
| Acoustical Performance:         | NRC .20 / SAA .22                                                                                                                                                                                                                                                                                |
| Card Revision Date:             | V16                                                                                                                                                                                                                                                                                              |

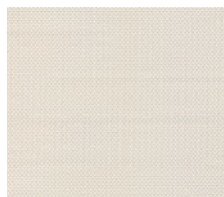


## Sustainable | 1%, 3%, 5% Openness

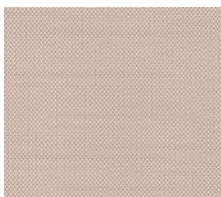
PG 1 Cotton



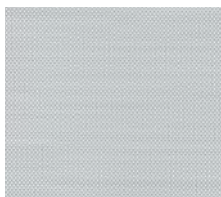
PG 2 Almond



PG 3 Wheat



PG 4 Stone



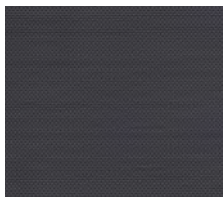
QG 1 Barely



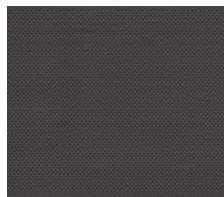
VG 1 Nickel



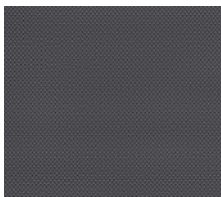
VG 2 Midnight



VG 3 Bark



VG 4 Slate



### Specification Data

|                                 |                                                                                                                                                |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 1%, 3%, 5%                                                                                                                       |
| Composition:                    | 100% TPO (Thermoplastic Olefin) 20% TPO fiber yarn, 80% TPO TPO coating on TPO yarn                                                            |
| Fire Classification:            | NFPA 701-10TM #1 (small scale), CAN/ULC-S 109-03 (large and small scale), CAN/CGSB2-4. 162-M80, NFPA 101 (Class A Rating), ASTM E 84 (Class 1) |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21                                                                                                                          |
| Acoustical Performance:         | 1%= NRC .20/ SAA .23, 3%=NRC .20 / SAA .19, 5%= NRC .10 / SAA .1                                                                               |
| Card Revision Date:             | 02.15 v1                                                                                                                                       |





## SheerWeave® Style 4400/4000/4100

Bio-based Plasticizer | 3%, 5%, 10% Openness

U58 Chalk



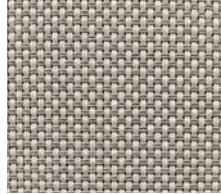
U59 Alabaster



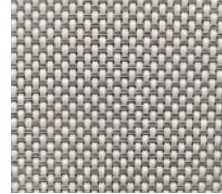
U60 Pebblestone



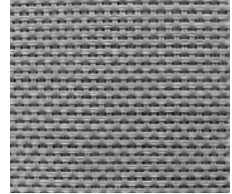
U61 Greystone



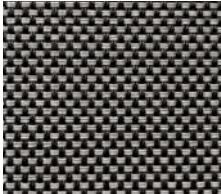
U62 Granite



U63 Pewter



U64 Ash



U65 Ebony



U66 Tobacco



### Specification Data

|                                 |                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 4400 = 3%, 4000 = 5%, 4100 = 10%                                                                                                                                                                                                                                                                                        |
| Composition:                    | 25% Polyester, 75% Vinyl on Polyester (Over 50% of compound components are derived from crop-based feed stocks and minerals. Over 2/3 of total compound is derived from non fossil fuel based materials.)                                                                                                                             |
| Fire Classification:            | California U.S. Title 19 (small scale), NFPA 101 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), CAN/CGSB2-4. 162-M80, NFPA 701-2004 TM#1 (small scale), IBC Section 803.1.1 (Tested in accordance to ASTM E84), Class A Rating, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1) |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21, AATCC30 Part 3, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329 includes Microban antimicrobial additives                                                                                                                                                                                         |
| Acoustical Performance:         | 3%= NRC .20 / SAA.19, 5%= NRC .10 / SAA .11                                                                                                                                                                                                                                                                                           |
| Card Revision Date:             | 02.15 v1                                                                                                                                                                                                                                                                                                                              |



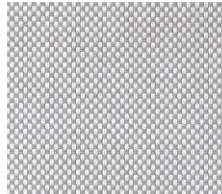
## Roll-A-Shade® Signature Series

Solar Screen | 1%, 3%, 5% & 10% Openness

White/White (All %)



White/Gray (All %)



White/Linen (All %)



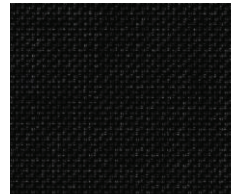
Black/Dark Gray (1 & 3%)



Charcoal/Bronze (1, 3 & 5%)



Black/Black (1, 3 & 5%)



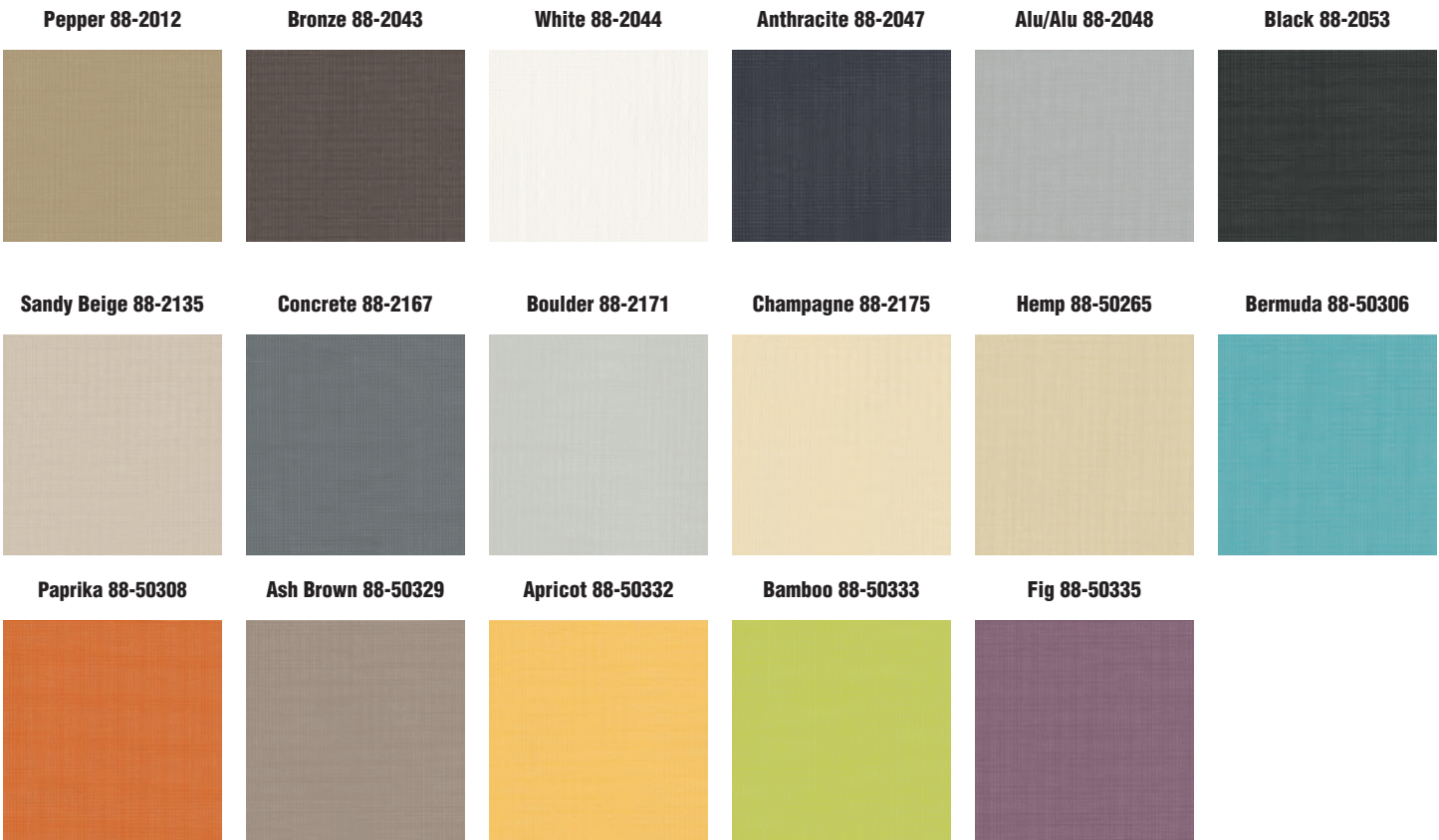
### Specification Data

|                                 |                                |
|---------------------------------|--------------------------------|
| Openness Factor:                | Approximately 1%, 3%, 5% & 10% |
| Composition:                    | 24% Polyester / 76% PVC        |
| Fire Classification:            | NFPA 701                       |
| Bacteria and Fungal Resistance: | ASTM G21                       |
| Card Revision Date:             | V001                           |



Please check fabric card for color availability as not all colors are available in all openness factors.

Soltis® 88  
Solar Screen | 8% Openness



Specification Data

|                                 |                                                   |
|---------------------------------|---------------------------------------------------|
| Openness Factor:                | Approximately 8%                                  |
| Composition:                    | 45% High Tenacity Polyester, 55% PVC Coating      |
| Fire Classification:            | Method 1 & 2/NFPA 701, CSFM T19, Class A/ASTM E84 |
| Bacteria and Fungal Resistance: | ASTM G21                                          |
| Card Revision Date:             | JULY 2016/V1.01                                   |





## SheerWeave® Style 2500/2410/2390/2360

Solar Screen | 1%, 3%, 5%, 10% Openness



### Specification Data

|                                        |                                                                                                                                                                                                                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Openness Factor:</b>                | Approximately 2500 = 1%, 2410 = 3%, 2390 = 5%, and 2360 = 10%                                                                                                                                                                                                                                   |
| <b>Composition:</b>                    | 2500 = 37% Fiberglass, 63% Vinyl on Fiberglass. 2410, 2390, 2360 = 35% Fiberglass, 65% Vinyl on Fiberglass                                                                                                                                                                                      |
| <b>Fire Classification:</b>            | California U.S. Title 19 (small scale), NFPA 101 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), CAN/CGSB2-4. 162-M80, NFPA 701-2004 TM#1 (small scale), IBC Section 903. (Class A Rating), NFPA 701 TM#2 (large scale), ASTM E 84 (Class1) |
| <b>Bacteria and Fungal Resistance:</b> | ASTM E 2180, ASTM G21, AATCC30 Part 3, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329, includes Microban antimicrobial additives                                                                                                                                                  |
| <b>Acoustical Performance:</b>         | 2500 = NRC .55 / SAA .54, 2410 = NRC .20 / SAA .21, 2390 = NRC .10 / SAA .12                                                                                                                                                                                                                    |
| <b>Card Revision Date:</b>             | V15B                                                                                                                                                                                                                                                                                            |



## SheerWeave® Style 2000/2100

Solar Screen | 5% & 10% Openness



### Specification Data

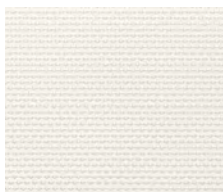
|                                        |                                                                                                                                                                                                                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Openness Factor:</b>                | Approximately 2000 = 5%, 2100 = 10%                                                                                                                                                                                                                                                             |
| <b>Composition:</b>                    | 37% Fiberglass, 63% Vinyl on Fiberglass                                                                                                                                                                                                                                                         |
| <b>Fire Classification:</b>            | California U.S. Title 19 (small scale), NFPA 101 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), CAN/CGSB2-4. 162-M80, NFPA 701-2004 TM#1 (small scale), IBC Section 903. (Class A Rating), NFPA 701 TM#2 (large scale), ASTM E 84 (Class1) |
| <b>Bacteria and Fungal Resistance:</b> | ASTM E 2180, ASTM G21, AATCC30 Part 3, ASTM D 3273, GREENGAURD Mold and Bacteria Standard ASTM 6329, includes Microban antimicrobial additives                                                                                                                                                  |
| <b>Acoustical Performance:</b>         | 2000 = NRC .10 / SAA .11                                                                                                                                                                                                                                                                        |
| <b>Card Revision Date:</b>             | V15                                                                                                                                                                                                                                                                                             |



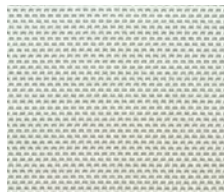
## E Screen

Solar Screen | 1%, 3%, 5%, 10% Openness

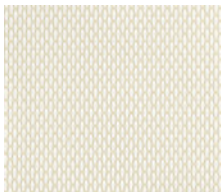
02.02 White/White



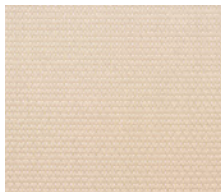
02.07 White/Pearl



02.20 White/Linen



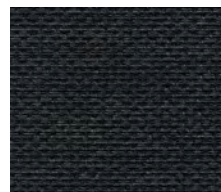
20.20 Linen/Linen



30.71 Charcoal/Apricot



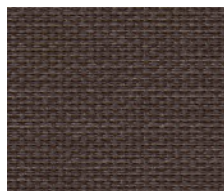
30.30 Charcoal/Charcoal



30.61 Charcoal/Cocoa



61.61 Cocoa/Cocoa



61.71 Cocoa/Apricot



30.01 Charcoal/Grey



### Specification Data

|                                 |                                                                                                                                                                                                                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 1%, 3%, 5%, and 10%                                                                                                                                                                                                                                                               |
| Composition:                    | 36% Fiberglass, 64% Vinyl                                                                                                                                                                                                                                                                       |
| Fire Classification:            | California U.S. Title 19 (small scale), NFPA 101 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), CAN/CGSB2-4. 162-M80, NFPA 701-2004 TM#1 (small scale), IBC Section 903. (Class A Rating), NFPA 701 TM#2 (large scale), ASTM E 84 (Class1) |
| Bacteria and Fungal Resistance: | NFPA 701-10TM #1, California U.S. Title 19, CAN/ULC-S109-03 (small flame test)                                                                                                                                                                                                                  |
| Acoustical Performance:         | 1% = NRC 0.40 / SAA 0.40, 3% = NRC 0.15 / SAA 0.17, 5% = NRC 0.10 / SAA 0.12                                                                                                                                                                                                                    |
| Card Revision Date:             | 6.15v1                                                                                                                                                                                                                                                                                          |



## Sunshadow 3000 NET

Solar Screen | 1%, 3%, 5%, 10% Openness

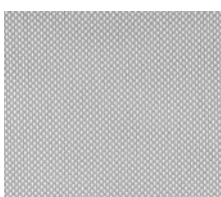
N001 White/White



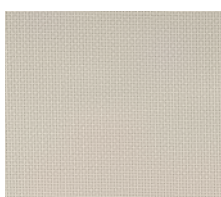
N002 White/Beige



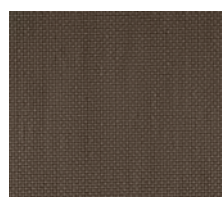
N003 White/Gray



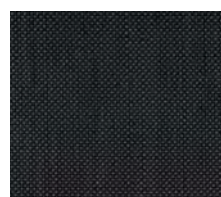
N201 Beige/Beige



N801 Bronze/Bronze



N901 Charcoal/Charcoal



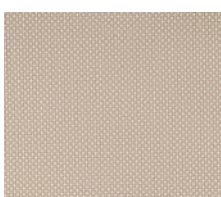
N902 Charcoal/Bronze



N903 Charcoal/Gray



N202 Beige/Sable



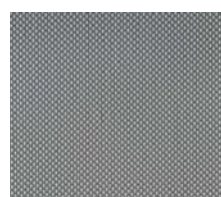
N203 Beige/Gray



N301 Gray/Gray



N302 Gray/Dark Gray



N303 Gray/Blue Gray



N304 Gray/Blue



### Specification Data

|                                 |                                                    |
|---------------------------------|----------------------------------------------------|
| Openness Factor:                | Approximately 1%, 3%, 5%, and 10%                  |
| Composition:                    | 25% Polyester, 75% PVC                             |
| Fire Classification:            | M1, B1, B2, NFPA 701.                              |
| Bacteria and Fungal Resistance: | OEKO TEX Standard 100 Certification, ASTM-G21, G22 |
| Card Revision Date:             | 2014                                               |

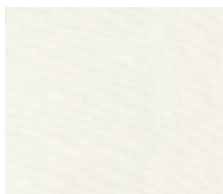




## SheerWeave® Style 2701/2703/2705/2710

Solar Screen | 1%, 3%, 5%, 10% Openness

P12 Oyster



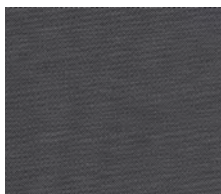
P13 Oyster/Biege



P14 Oyster/Pearl Gray



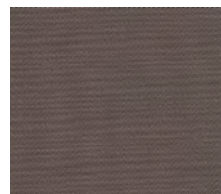
P28 Oyster/Charcoal



P91 Oyster/Pewter



P92 Oyster/Chestnut



### Specification Data

|                                        |                                                                                                                                                                                                                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Openness Factor:</b>                | Approximately 2701 = 1%, 2703 = 3%, 2705 = 5%, and 2710 = 10%                                                                                                                                                                                                                                   |
| <b>Composition:</b>                    | 2701 & 2703 = 36% Fiberglass, 64% Vinyl on Fiberglass. 2705 & 2710 = 34% Fiberglass, 66% Vinyl on Fiberglass                                                                                                                                                                                    |
| <b>Fire Classification:</b>            | California U.S. Title 19 (small scale), NFPA 101 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), CAN/CGSB2-4. 162-M80, NFPA 701-2004 TM#1 (small scale), IBC Section 903. (Class A Rating), NFPA 701 TM#2 (large scale), ASTM E 84 (Class1) |
| <b>Bacteria and Fungal Resistance:</b> | ASTM E 2180, ASTM G21, AATCC30 Part 3, ASTM D 3273, GREENGAURD Mold and Bacteria Standard ASTM 6329, includes Microban antimicrobial additives                                                                                                                                                  |
| <b>Acoustical Performance:</b>         | 2701 = NRC .15 / SAA .15, 2703 = NRC .10 / SAA .09, 2705 = NRC .05 / SAA .06                                                                                                                                                                                                                    |
| <b>Card Revision Date:</b>             | V16                                                                                                                                                                                                                                                                                             |



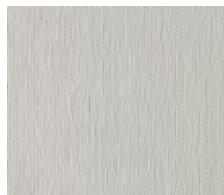
## M Screen

Transparent | 3% & 5% Openness

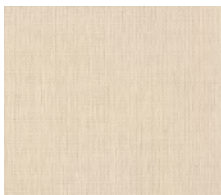
02.02 White /White



02.07 White/Pearl



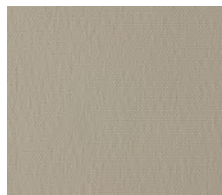
02.20 White/Linen



20.22 White/Stone



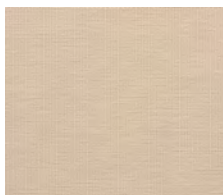
07.07 Pearl/Pearl



07.20 Pearl/Linen



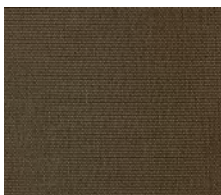
20.22 Linen/Stone



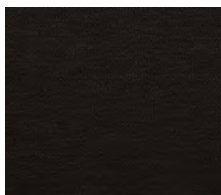
30.01 Charcoal/Grey



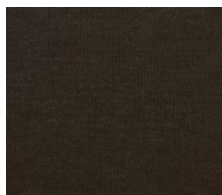
30.10 Charcoal/Sable



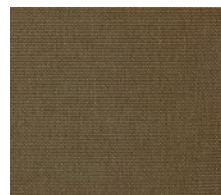
30.30 Charcoal/Charcoal



30.61 Charcoal/Cocoa



30.71 Charcoal/Apricot



61.30 Cocoa/Charcoal



M166 Linen/Sable-Cocoa



### Specification Data

|                                        |                                                                                |
|----------------------------------------|--------------------------------------------------------------------------------|
| <b>Openness Factor:</b>                | Approximately 3% & 5%                                                          |
| <b>Composition:</b>                    | 36% Fiberglass, 64% Vinyl                                                      |
| <b>Fire Classification:</b>            | NFPA 701-10TM #1, California U.S. Title 19, CAN/ULC-S109-03 (small flame test) |
| <b>Bacteria and Fungal Resistance:</b> | ASTM E 2180, ASTM G21                                                          |
| <b>Acoustical Performance:</b>         | 3% = NRC 0.35 / SAA 0.33, 5% = NRC 0.10 / SAA 0.12                             |
| <b>Card Revision Date:</b>             | 03.14v1                                                                        |





## SheerWeave® Style 4600 / 4500

### Solar Screen | 3% & 5% Openness



#### Specification Data

|                                 |                                                                                                                                                                                                                                                                           |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 4600 = 3%, 4500 = 5%                                                                                                                                                                                                                                        |
| Composition:                    | 4600 = 22% Polyester, 78% Vinyl on Polyester. 4500 = 17% Polyester, 83% Vinyl on Polyester.                                                                                                                                                                               |
| Fire Classification:            | California U.S. Title 19 (small scale), NFPA 101 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), NFPA 701-2004 TM#1 (small scale), IBC Section 903. (Class A Rating), NFPA 701 TM#2 (large scale), ASTM E 84 (Class1) |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21, AATCC30 Part 3, ASTM D 3273, GREENGAURD Mold and Bacteria Standard ASTM 6329, includes Microban antimicrobial additives                                                                                                                            |
| Acoustical Performance:         | 4600 = NRC .20 / SAA .23, 4500 = NRC .15 / SAA .17                                                                                                                                                                                                                        |
| Card Revision Date:             | V15                                                                                                                                                                                                                                                                       |



## SheerWeave® Style 4800

### Solar Screen | 1% Openness



#### Specification Data

|                                 |                                                                                                                                                                                                                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 1%                                                                                                                                                                                                                                                                                |
| Composition:                    | 24% Polyester, 76% Vinyl on Polyester                                                                                                                                                                                                                                                           |
| Fire Classification:            | California U.S. Title 19 (small scale), NFPA 101 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), CAN/CGSB2-4. 162-M80, NFPA 701-2004 TM#1 (small scale), IBC Section 903. (Class A Rating), NFPA 701 TM#2 (large scale), ASTM E 84 (Class1) |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21, AATCC30 Part 3, ASTM D 3273, GREENGAURD Mold and Bacteria Standard ASTM 6329, includes Microban antimicrobial additives                                                                                                                                                  |
| Acoustical Performance:         | NRC .30 / SAA .31                                                                                                                                                                                                                                                                               |
| Card Revision Date:             | V15                                                                                                                                                                                                                                                                                             |





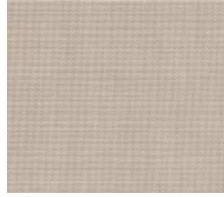
## SheerWeave® Style 4650 / 4550

### Solar Screen | 3% & 5% Openness

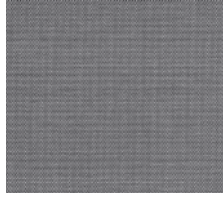
P10 Granite



P65 Linen



V45 Coal



V47 Chesnut



#### Specification Data

|                                 |                                                                                                                                                                                                                                                          |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 4650 = 3%, 4550 = 5%                                                                                                                                                                                                                       |
| Composition:                    | 17% Polyester, 83% Vinyl on Polyester                                                                                                                                                                                                                    |
| Fire Classification:            | California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class1), and CAN/ULC-S109-03 (large and small scale) |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G22, AATCC30 Part 3, ASTM D 3273, GREENGAURD Mold and Bacteria Standard ASTM 6329, includes Microban antimicrobial additives                                                                                                           |
| Acoustical Performance:         | 4650 = NRC 0.15 / SAA 0.18, 4550 = NRC 0.10 / SAA 0.11                                                                                                                                                                                                   |
| Card Revision Date:             | V13B                                                                                                                                                                                                                                                     |



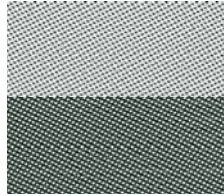
## SheerWeave® Style 4901/4903

### Solar Screen | 1% & 3% Openness

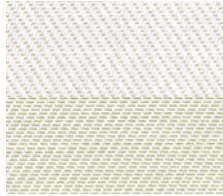
P06 Chalk



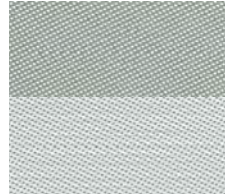
P25 Chalk/Black



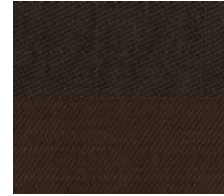
P26 Chalk/Wheat



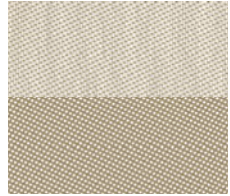
Q07 Kettal Gray



Q16 Tobacco



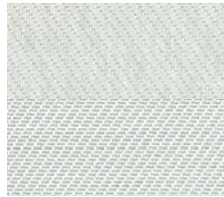
Q22 Flaxen



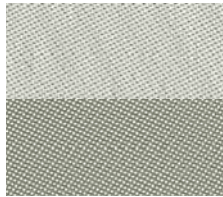
Q23 Whitesands



Q25 Birch



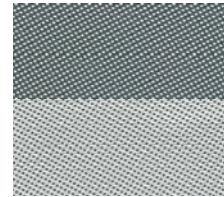
Q26 Cobblestone



Q27 Soft Gray



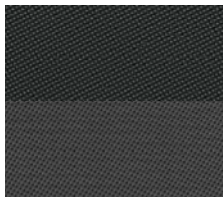
V03 Pewter/Chalk



V10 Ebony



V28 Slate



#### Specification Data

|                                 |                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 4901 = 1% & 4903 = 3%                                                                                                                                                                                                                                                                                                      |
| Composition:                    | 17% Polyester, 83% Vinyl on Polyester                                                                                                                                                                                                                                                                                                    |
| Fire Classification:            | California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 803.1.1 (Tested in accordance to ASTM E84) Class "A" rating, BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1), CAN/ULC-S 109-03 (large and small scale) and CAN/CGSB2-4.162-M80 |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21, AATCC30 Part 3, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives                                                                                                                                                                                           |
| Acoustical Performance:         | 4901 = NRC 0.60 / SAA 0.59, 4903 = NRC 0.25 / SAA 0.25                                                                                                                                                                                                                                                                                   |
| Card Revision Date:             | V15                                                                                                                                                                                                                                                                                                                                      |

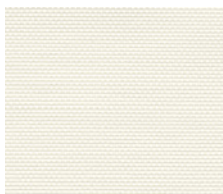




## SheerWeave® Basic

### Solar Screen | 3% & 5% Openness

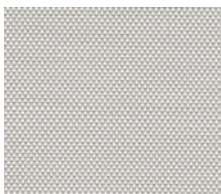
P02 White



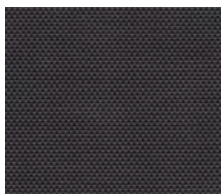
P04 White/Bone



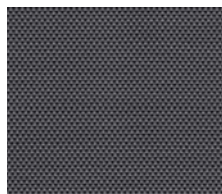
P05 White/Platinum



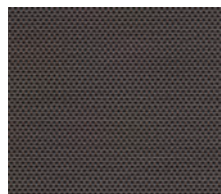
V21 Charcoal



V22 Charcoal/Gray



V24 Charcoal/Chestnut



#### Specification Data

|                                 |                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 3% & 5%                                                                                                                                                                                                                                                                                                                    |
| Composition:                    | 38% Fiberglass, 62% Vinyl on Fiberglass                                                                                                                                                                                                                                                                                                  |
| Fire Classification:            | California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 803.1.1 (Tested in accordance to ASTM E84) Class "A" rating, BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), NFPA 701 TM#2 (large scale) and CAN/CGSB2-4.162-M80 |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21 AATCC30 Part 3, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives                                                                                                                                                                                            |
| Acoustical Performance:         | 3% = NRC .60 / SAA .60, 5% = NRC .10 / SAA .08                                                                                                                                                                                                                                                                                           |
| Card Revision Date:             | V15                                                                                                                                                                                                                                                                                                                                      |



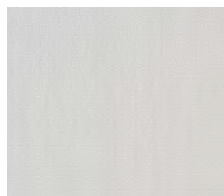
## SheerWeave® 7600/7650

### Solar Screen | Light Filtering & Blackout

U90 Bright White



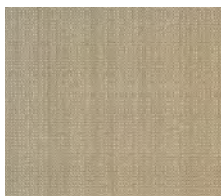
U99 Ivory



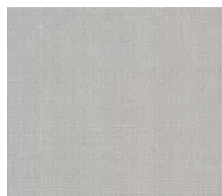
U91 Shell



U92 Khaki



U93 Dove Grey



U94 Taupe



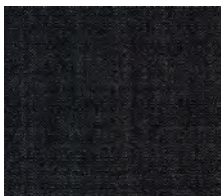
U95 Thunder



U96 Coffee



U97 Coal



#### Specification Data

|                                 |                                                                                                        |
|---------------------------------|--------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately Blackout (7600) & Light Filtering (7650)                                                 |
| Composition:                    | 7600: 45% Polyester, 55% Acrylic Foamed Backing; 7650: 100% Polyester                                  |
| Fire Classification:            | California U.S. Title 19 (small scale), NFPA 701 TM#1 (small scale), BS 5867 Part 2 Type B Performance |
| Bacteria and Fungal Resistance: | ASTM G21-96, AATCC30 174-1998 Part 1 & 2, GREENGUARD, GREENGUARD GOLD                                  |
| Acoustical Performance:         | 7600 = NRC .05 / SAA .07, 7650 = NRC .40 / SAA .44                                                     |
| Card Revision Date:             | V17                                                                                                    |



Soltis® 99 & BV99  
Interior Solar Screen | 3% - 4% Openness



Specification Data

|                                 |                                                                                                                                                                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 3% & 4%                                                                                                                                                                                                                 |
| Composition:                    | 45% High Tenacity Polyester, 55% PVC Coating                                                                                                                                                                                          |
| Fire Classification:            | Method 1 and 2/NFPA 701, CSFM T19, Class A/ASTM E84, B1/DIN 4102-1, BS 7837, BS 5867, Schwerbrennbar-Q1-Tr1/ONORM A 3800-1, M1/UNE 23.727-90, VKF 5.2/SN 198898, 1530.3/AS/NZS, G1/GOST 30244-94, Classe 1 / UNI 9177-87, CAN ULCS109 |
| Euroclass Fire:                 | B-s2,d0/EN 135801-1                                                                                                                                                                                                                   |
| Bacteria and Fungal Resistance: | ASTM G21                                                                                                                                                                                                                              |
| Card Revision Date:             | Nov 2012/V1.01                                                                                                                                                                                                                        |





## Deco Screen

Designer | 3% & 5% Openness

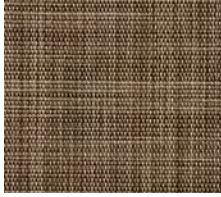
D249 Flagstone



D226 Harvest



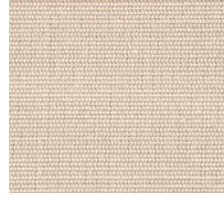
D237 Hazelnut



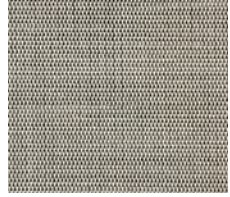
D112 Naturelle



D012 Parchment



D137 River Rock



D212 Tumbleweed



### Specification Data

|                                 |                                                                                |
|---------------------------------|--------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 3% & 5%                                                          |
| Composition:                    | 36% Fiberglass, 64% Vinyl                                                      |
| Fire Classification:            | NFPA 701-10TM #1, California U.S. Title 19, CAN/ULC-S109-03 (small flame test) |
| Bacteria and Fungal Resistance: | ASTM E2180 and ASTM G21                                                        |
| Acoustical Performance:         | 3% = NRC 0.35 / SAA 0.33, 5% = NRC 0.10 / SAA 0.12                             |
| Card Revision Date:             | 02.15v1                                                                        |



## SheerWeave® Style 5000

Designer | (Openness Varies)

U12 Linen/Cream (3%)



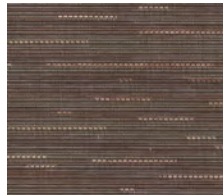
U11 Linen/Burlap (3%)



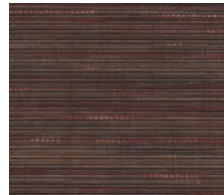
U10 Linen/Topaz (3%)



R12 Linen/Cinnamon (3%)



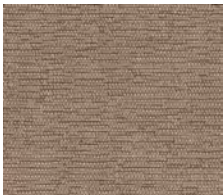
R11 Linen/Cranberry (3%)



V88 Linen/Fig (3%)



Q50 Bark/Tiger Oak (7%)



Q51 Wicker/Mushroom (5%)



Q53 Honeycomb/Brown Sugar (10%)



Q94 Tweed/Oatmeal (5%)



Q95 Tweed/Buckeye (5%)



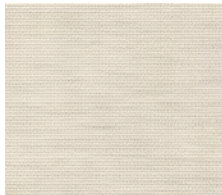
Q96 Thatch/Wheatgrass (7%)



Q47 Moire/Mocha (7%)



R85 Jute/Parchment (1%)



R86 Jute/Flax (1%)



R87 Jute/Latte (1%)



R88 Jute/Coffee (1%)



R89 Chenille/Marshmallow (3%)



R90 Chenille/Pearl (3%)



R91 Chenille/Honey (3%)



R92 Chenille/Driftwood (5%)



R93 Wicker/Straw (3%)



R95 Bark/Sienna (5%)



Q46 Bamboo/Wheat (7%)

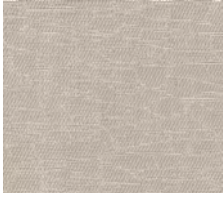




## SheerWeave® Style 5000 (cont.)

Designer | (Openness Varies)

Q43 Marble/Sand (5%)



P60 Bamboo/Birch (10%)



U16 Crepe/  
Toasted Coconut (10%)



U24 Seaglass/  
Silver (10%)



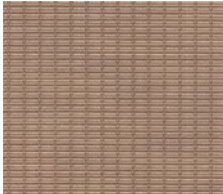
U28 Seaglass/  
Chardonnay (10%)



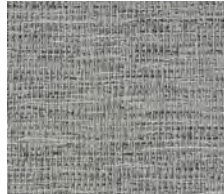
U29 Seaglass/  
Crystal (10%)



Q49 Rattan/Umber (7%)



Q61 Bark/Ash (5%)



Q62 Bark/Pewter (5%)



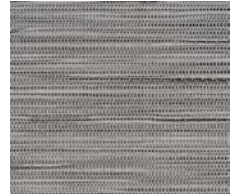
Q63 Linen/Pearl (5%)



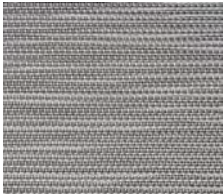
Q64 Linen/Taupe (5%)



Q65 Linen/Clay (7%)



Q66 Metro/Platinum (5%)



### Specification Data

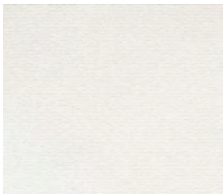
|                                 |                                                                                                                                                                                                                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately between 1% & 10%                                                                                                                                                                                                                                                                  |
| Composition:                    | 24% Polyester, 76% Vinyl on Polyester                                                                                                                                                                                                                                                           |
| Fire Classification:            | California U.S. Title 19 (small scale), NFPA 101 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), CAN/CGSB2-4. 162-M80, NFPA 701-2004 TM#1 (small scale), IBC Section 903. (Class A Rating), NFPA 701 TM#2 (large scale), ASTM E 84 (Class1) |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21, AATCC30 Part 3, ASTM D 3273, GREENGAURD Mold and Bacteria Standard ASTM 6329, includes Microban antimicrobial additives                                                                                                                                                  |
| Acoustical Performance:         | NRC .30 / SAA .31                                                                                                                                                                                                                                                                               |
| Card Revision Date:             | V15                                                                                                                                                                                                                                                                                             |



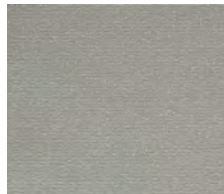
## Vizela

Translucent | 1% Openness

06.00 Blanc



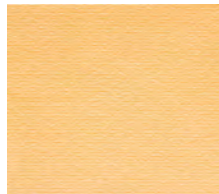
06.08 Chartreux



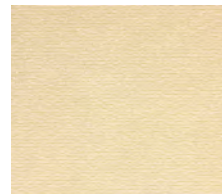
06.09 Loutre



06.18 Mississippi



06.23 Sahel



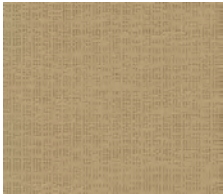
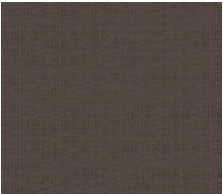
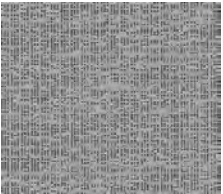
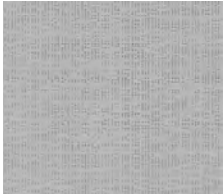
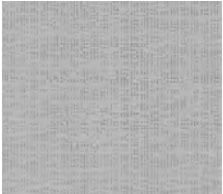
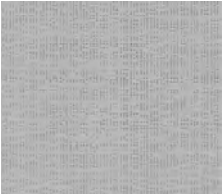
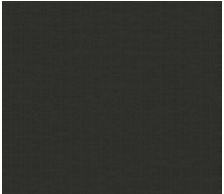
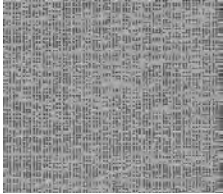
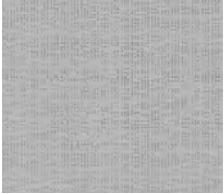
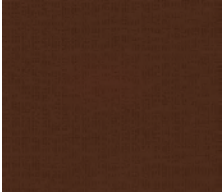
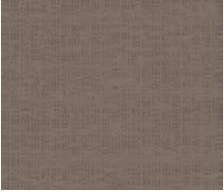
### Specification Data

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Openness Factor:                | Approximately 1%                           |
| Composition:                    | 100% Fiberglass / EVA Coating              |
| Fire Classification:            | NFPA 701-10TM #1, California U.S. Title 19 |
| Bacteria and Fungal Resistance: | ASTM G21                                   |
| Acoustical Performance:         | NRC: 0.40, SAA: 0.39                       |
| Card Revision Date:             | 13.04                                      |



# Soltis® 92

Exterior | 3% - 4% Openness

|                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Pepper 92-2012</b>                                                               | <b>Chick 92-2013</b>                                                                | <b>Green Tree 92-2039</b>                                                           | <b>Bronze 92-2043</b>                                                                | <b>White 92-2044</b>                                                                  | <b>Beaten-Metal 92-2045</b>                                                           |
|    |    |    |    |    |    |
| <b>Alu/Oat 92-2046</b>                                                              | <b>Anthracite 92-2047</b>                                                           | <b>Alu/Alu 92-2048</b>                                                              | <b>Alu/White 92-2051</b>                                                             | <b>Black 92-2053</b>                                                                  | <b>Interferential Gray 92-2065</b>                                                    |
|    |    |    |    |    |    |
| <b>Alu/Anthracite 92-2068</b>                                                       | <b>Alu/Medium Gray 92-2065</b>                                                      | <b>Sandy Beige 92-2135</b>                                                          | <b>Walnut Stain 92-2137</b>                                                          | <b>Cocoa 92-2148</b>                                                                  | <b>Beetle 92-2149</b>                                                                 |
|   |   |   |   |   |   |
| <b>Velvet Red 92-2152</b>                                                           | <b>Aniseed 92-2157</b>                                                              | <b>Moss Green 92-2158</b>                                                           | <b>Lagoon 92-2160</b>                                                                | <b>Midnight Blue 92-2161</b>                                                          | <b>Turtledove 92-2163</b>                                                             |
|  |  |  |  |  |  |
| <b>Violet Parama 92-2164</b>                                                        | <b>Buttercup 92-2166</b>                                                            | <b>Concrete 92-2167</b>                                                             | <b>Boulder 92-2171</b>                                                               | <b>Carrot 92-2172</b>                                                                 | <b>Champagne 92-2175</b>                                                              |
|  |  |  |  |  |  |
| <b>Muscat 92-50260</b>                                                              | <b>Caramel 92-50261</b>                                                             | <b>Dark Teal 92-50264</b>                                                           | <b>Hemp 92-50265</b>                                                                 | <b>Havana-Brown 92-50266</b>                                                          | <b>Cotto 92-50267</b>                                                                 |
|  |  |  |  |  |  |

## Soltis® 92 (continued)

Exterior | 3% - 4% Openness



### Specification Data

|                                        |                                                                                                                                                                                                              |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Openness Factor:</b>                | Approximately 3% & 4%                                                                                                                                                                                        |
| <b>Composition:</b>                    | 45% High Tenacity Polyester, 55% PVC Coating                                                                                                                                                                 |
| <b>Fire Classification:</b>            | B1/DIN 4102-1, BS 7837, BS 5867, Schwerbrennbar-Q1-Tr1/ONORM A 3800-1, Classe1/UNI9177-87, M1/UNE23.727-90, VKF 5.2/SN 198898, 1530.3/AS/NZS, G1/GOST 30244-94, Method 1/NFPA 701 CSFM T19, Class A/ASTM E84 |
| <b>Euroclass Fire:</b>                 | B-s2,d0/EN 135801-1                                                                                                                                                                                          |
| <b>Bacteria and Fungal Resistance:</b> | ASTM G21                                                                                                                                                                                                     |
| <b>Card Revision Date:</b>             | JUILLET 2013/V2.01                                                                                                                                                                                           |



## Soltis® 86

Exterior | 14% Openness



## Soltis® 86 (cont.)

Exterior | 14% Openness

Midnight Blue 86-2161



Buttercup 86-2166



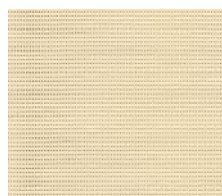
Concrete 86-2167



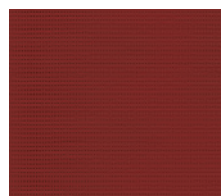
Boulder 86-2171



Champagne 86-2175



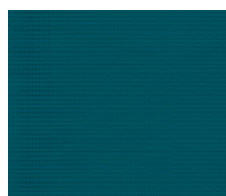
Muscat 86-50260



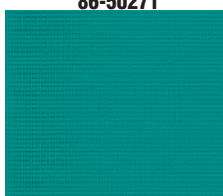
Caramel 86-50261



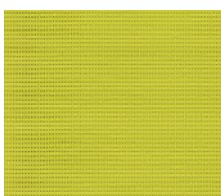
Dark Teal 86-50264



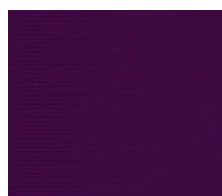
Intense Turquoise  
86-50271



Bamboo 86-50333



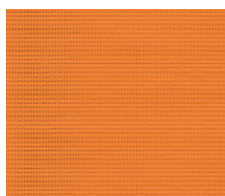
Plum 86-50336



Navy 86-50342



Orange 86-8204



Red 86-8255



### Specification Data

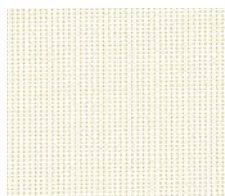
|                                 |                                                                                                                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 1%                                                                                                                                                                                               |
| Composition:                    | 45% High Tenacity Polyester, 55% PVC Coating                                                                                                                                                                   |
| Fire Classification:            | B1/DIN 4102-1, BS 7837, BS 5867, Schwerbrennbar-Q1-Tr1/ ONORM A 3800-1, Classe1/UNI9177-87, M1/UNE23.727-90, VKF 5.2/SN 198898, 1530.3/AS/NZS, G1/GOST 30244-94, Method 1/ NFPA 701 CSFM T19, Class A/ASTM E84 |
| Euroclass Fire:                 | B-s2,d0/EN 135801-1                                                                                                                                                                                            |
| Bacteria and Fungal Resistance: | ASTM G21                                                                                                                                                                                                       |
| Card Revision Date:             | JUILLET 2013/V2.01                                                                                                                                                                                             |



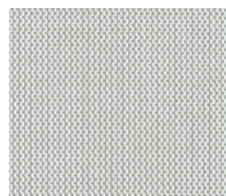
## Vienne

Exterior | 5% & 10% Openness

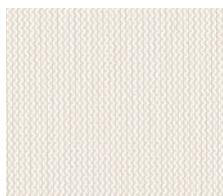
902902 White/White



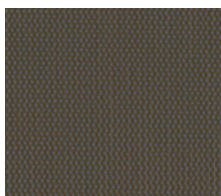
902907 White/Pearl



902920 White/Linen



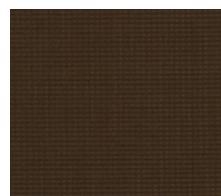
961901 Cocoa/Grey



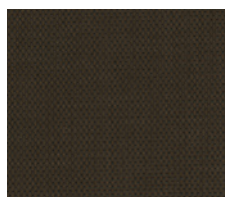
961923 Cocoa/Straw



961961 Cocoa/Cocoa



930961 Charcoal/Cocoa



930930 Charcoal/Charcoal



### Specification Data

|                                 |                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 5% & 10%                                                                           |
| Composition:                    | 42% Fiberglass / 58% Vinyl                                                                       |
| Fire Classification:            | NFPA 701-10 TM#1, California U.S. Title 19, CAN/ ULC-S109-03 Small Flame Test & Large Flame Test |
| Bacteria and Fungal Resistance: | ASTM E2180, ASTM G21                                                                             |
| Acoustical Performance:         | 5%: NRC: 0.10, SAA: 0.13, 10%: NRC: 0.05, SAA:0.07                                               |
| Card Revision Date:             | 02.17 v1                                                                                         |

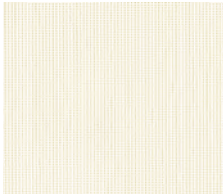




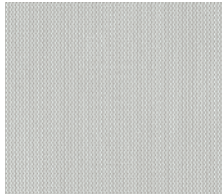
## Natte

### Exterior | 5% & 10% Openness

902902 White/White



902907 White/Pearl



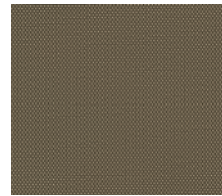
902920 White/Linen



961901 Cocoa/Grey



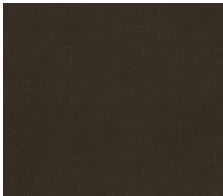
961923 Cocoa/Straw



961961 Cocoa/Cocoa



930961 Charcoal/Cocoa



930930 Charcoal/Charcoal



#### Specification Data

|                                 |                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 5% & 10                                                                           |
| Composition:                    | 42% Fiberglass / 58% Vinyl                                                                      |
| Fire Classification:            | NFPA 701-10 TM#1, California U.S. Title 19, CAN/ULC-S109-03 Small Flame Test & Large Flame Test |
| Bacteria and Fungal Resistance: | ASTM E2180, ASTM G21                                                                            |
| Acoustical Performance:         | 5%: NRC: 0.05, SAA: 0.06, 10%: NRC: 0.05, SAA: 0.04                                             |
| Card Revision Date:             | 7.17.V1                                                                                         |



## SunTex 80

### Exterior | 25% Openness

Brown



Black



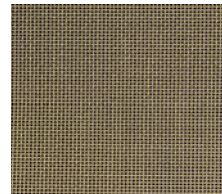
Grey



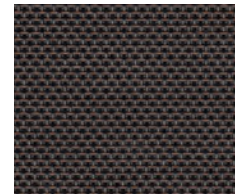
Stucco



Beige



Dark Bronze



#### Specification Data

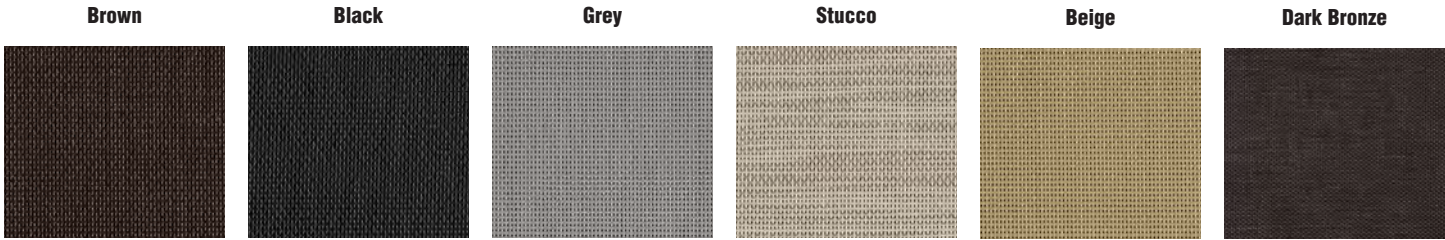
|                                 |                                                                                                                                            |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 25%                                                                                                                          |
| Composition:                    | 31% Polyester / 69% Vinyl on Polyester                                                                                                     |
| Fire Classification:            | California Technical Bulletin 117-2013, NFPA 101 (Class A Rating), IBC Section 803.1.1 (Class A Rating) and CAN/ULC-S 109-03 (large scale) |
| Bacteria and Fungal Resistance: | ASTM E 2180 and ASTM G21; includes Microban antimicrobial additives                                                                        |
| Card Revision Date:             | V13.04                                                                                                                                     |





## SunTex 90

### Exterior | 10% Openness



#### Specification Data

|                                 |                                                                                                                                            |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 10%                                                                                                                          |
| Composition:                    | 31% Polyester / 69% Vinyl on Polyester                                                                                                     |
| Fire Classification:            | California Technical Bulletin 117-2013, NFPA 101 (Class A Rating), IBC Section 803.1.1 (Class A Rating) and CAN/ULC-S 109-03 (large scale) |
| Bacteria and Fungal Resistance: | ASTM E 2180 and ASTM G21; includes Microban antimicrobial additives                                                                        |
| Card Revision Date:             | V13.04                                                                                                                                     |



## SunTex 95

### Exterior | 5% Openness



#### Specification Data

|                                 |                                                                                                                                            |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Approximately 5%                                                                                                                           |
| Composition:                    | 28% Polyester / 72% Vinyl on Polyester                                                                                                     |
| Fire Classification:            | California Technical Bulletin 117-2013, NFPA 101 (Class A Rating), IBC Section 803.1.1 (Class A Rating) and CAN/ULC-S 109-03 (large scale) |
| Bacteria and Fungal Resistance: | ASTM E 2180 and ASTM G21; includes Microban antimicrobial additives                                                                        |
| Card Revision Date:             | V13.04                                                                                                                                     |





## Flocké

### Blackout Fabric | Opaque

0600 Blanc



0608 Chartreux



0609 Loutre



0618 Mississippi



0623 Sahel



#### Specification Data

|                      |                                                         |
|----------------------|---------------------------------------------------------|
| Openness Factor:     | Opaque                                                  |
| Composition:         | 42% Fiberglass / 51% Acrylic, 7% Cotton Flocked Backing |
| Fire Classification: | NFPA 701-10TM #1, California U.S. Title 19              |
| Card Revision Date:  | 12.06                                                   |



## SheerWeave® Style 7000

### Blackout Fabric | Opaque

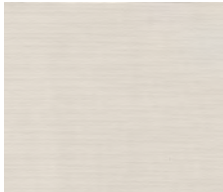
P62 White



P64 Sand



P63 Birch



Q57 Wheat



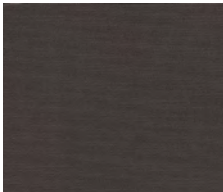
Q58 Mushroom



U67 Canvas



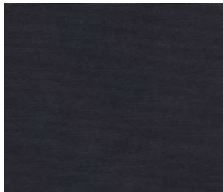
U69 Cocoa



V41 Canyon



V39 Graphite



U40 Onyx



#### Specification Data

|                                 |                                                                                                                                                                                                       |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Opaque                                                                                                                                                                                                |
| Composition:                    | 100% Polyester with Acrylic Flocked Backing                                                                                                                                                           |
| Fire Classification:            | California U.S. Title 19 (small scale), BS 5867 2008 Part 2 Type B Performance, ASTM E 84 (Class 1), NFPA 701-2004 TM#1 (small scale), CAN/ULC-S 109-03 (large and small scale), CAN/CGSB2-4. 162-M80 |
| Bacteria and Fungal Resistance: | ASTM G21-96, AATCC 174-1998 Part II and III                                                                                                                                                           |
| Acoustical Performance:         | NRC .10 / SAA .08                                                                                                                                                                                     |
| Card Revision Date:             | V16                                                                                                                                                                                                   |



## SheerWeave® Style 7100

### Blackout Fabric | Opaque

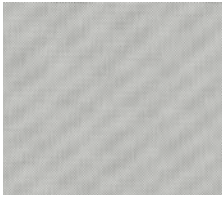
P02 White



P04 White / Bone



P05 White / Platinum



Q05 Bone



Q06 Bone / Platinum



V21 Charcoal



#### Specification Data

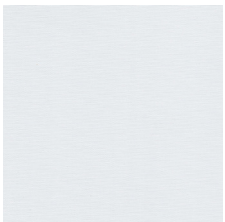
|                                 |                                                                                                                                                                                                                                   |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Opaque                                                                                                                                                                                                                            |
| Composition:                    | Vinyl coated fiberglass fabric, Laminated with a two-ply 100% PVC blackout film.                                                                                                                                                  |
| Fire Classification:            | California U.S. Title 19 (small scale), NFPA 101 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, ASTM E 84 (Class 1), NFPA 701-2004 TM#1 (small scale), IBC Section 903.1 (Class A Rating), NFPA 701 TM#2 (large scale) |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21, AATCC30 Part 3, ASTM D 3273, GREENGAURD Mold and Bacteria Standard ASTM 6329, includes Microban antimicrobial additives                                                                                    |
| Acoustical Performance:         | NRC .05 / SAA .03                                                                                                                                                                                                                 |
| Card Revision Date:             | V15                                                                                                                                                                                                                               |



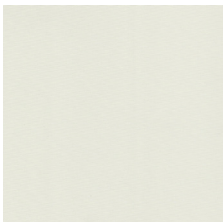
## SheerWeave® Style 7500\*

### Blackout Fabric | Opaque

R13 Ice



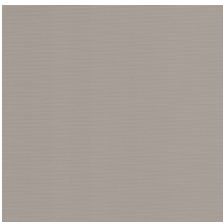
R14 Coconut



R16 Spirit



R17 Dune



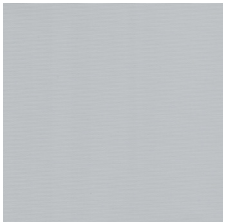
R18 Starfish



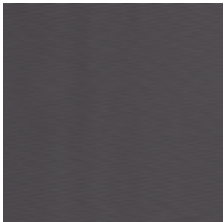
R98 Moon



R97 Mist



R21 Orient\*



R22 Midnight\*



\*Back is now available as white or matching color to front



#### Specification Data

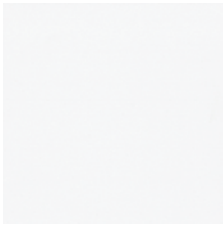
|                                 |                                                                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Openness Factor:                | Opaque                                                                                                                                 |
| Composition:                    | 100% Polyester with Acrylic Coating                                                                                                    |
| Fire Classification:            | California U.S. Title 19 (small scale), CAN/ULC-S 109-03 (large and small scale), NFPA 701-2004 TM#1 (small scale), ASTM E 84 (Class1) |
| Bacteria and Fungal Resistance: | ASTM E 2180, ASTM G21                                                                                                                  |
| Acoustical Performance:         | NRC .00 / SAA .03                                                                                                                      |
| Card Revision Date:             | V15                                                                                                                                    |



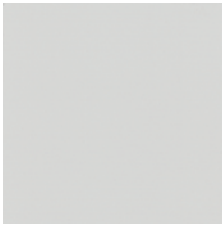
# Avila Twilight\*

Blackout Fabric | Opaque

000002 White



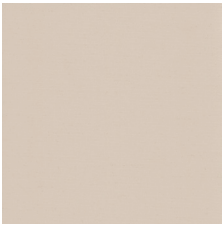
000016 Chalk



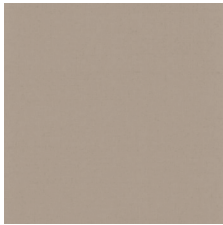
000017 Canvas



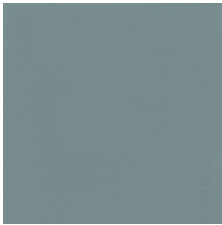
000020 Linen



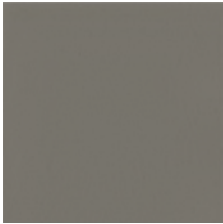
C00015 Khaki



000014 Marine



001001 Pewter\*



030030 Charcoal\*



060060 Black\*



**Specification Data**

|                                 |                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------|
| Openness Factor:                | Opaque                                                                             |
| Composition:                    | 37.5% Polyester / 62.5% Acrylic                                                    |
| Fire Classification:            | NFPA 701-10 TM#1 California U.S. Title 19 CAN/ULC-S109-03 Small & Large Flame Test |
| Bacteria and Fungal Resistance: | ASTM E2180                                                                         |
| Acoustical Performance:         | NRC: 0.05, SAA: 0.03                                                               |
| Card Revision Date:             | V16                                                                                |



\*Back is now availbe as white or matching color to front