



Exterior

Roller Shade Systems







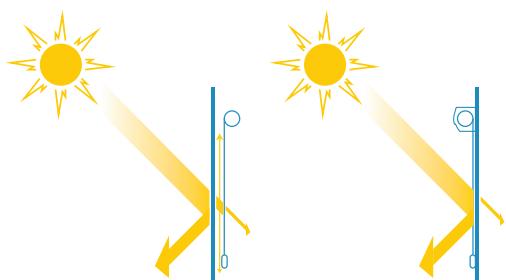
Maximizing Outdoor Living

Exterior shades provide insect protection, wind protection and UV protection - all while allowing crisp views through to the outdoors.



Maximizing Indoor Comfort & Efficiency

Screen shades mounted on the outside of a building's glazing system are designed to notably reduce solar load and promote optimal indoor climate. UV rays are blocked before making contact with the building envelope, which can dramatically reduce air conditioning energy costs in the summer months. Exterior screens also provide complete glare protection while preserving exterior views.



Lift System Options

110v AC motors by Somfy or Gaposa are offered for all exterior shades. A manual crank solution is available for shades under 64 sq.ft.

Head Box Options

We offer 2 clamshell head box options as well as a unique flush box option for fully recessed installations. See page 5 for more details.

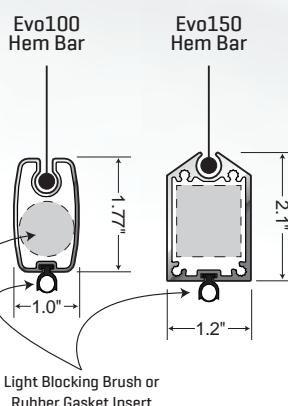
Officially tested to withstand up to 80* mph winds!

Up to 20 ft Wide

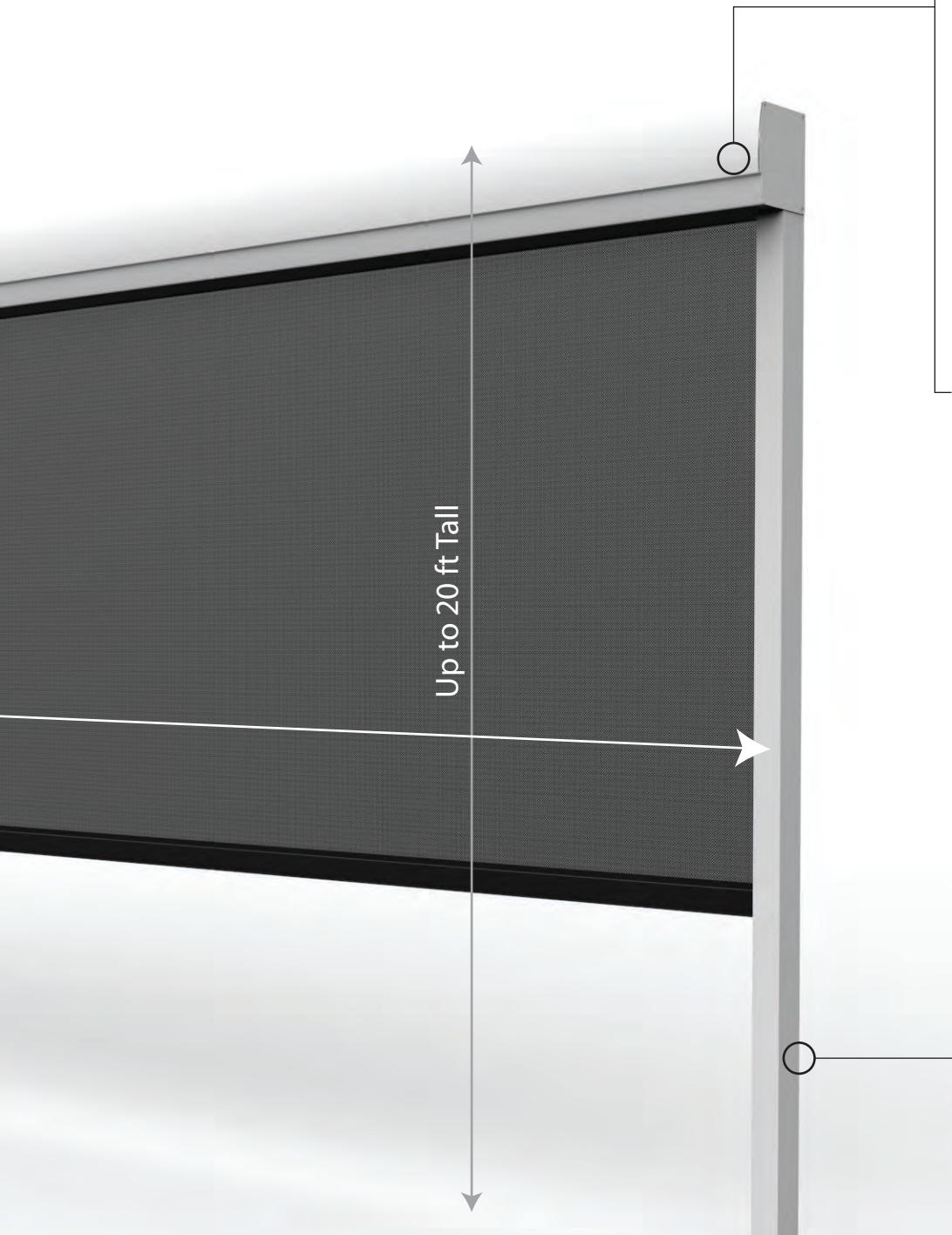


ZipTrack Hem Bars

ZipTrack hem bars are engineered to withstand 80+* mph winds when installed with our ZipTrack side channels. They weigh approximately 3 lbs per foot, clocking in at the heaviest in the industry.



*Lower ratings for shades at 20' wide and shades with crank lift



Powder Coating

For the head box, the side channels and the fabric hem bar we offer 20 RAL colors at no cost. See the separate color chart. Custom color powder coating is also available.

Engineered Tubes

A specially designed roller tube allows the fabric to roll up uniformly, preventing horizontal creases.



ZipTrack Side Channel

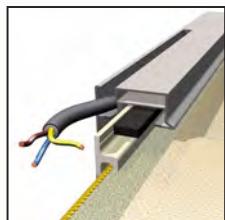
A specially engineered side channel system that locks the fabric in a track. Our ZipTrack channels are patented with an extra slippery CPVC inner guide rail that practically eliminates the possibility of shade binding or "racking". At only 1.4" x 1.9" these tracks are of the lowest profile in the industry, allowing for easy recessed or surface mount universal installation. A cavity within the side channels is designed to hide the motor cable.



Renson By Crown Exterior ZipShades

RESULTS-DRIVEN TECHNOLOGY & DEVELOPMENT

Side Channel Alignment



Side Channel Wire Cavity

Compact Rail Design

Is engineered to be universally mounted in any direction - jamb, surface or recessed.

**Durable PVC Inner Guide**

Fitted with a patented co-molded extra slippery inner surface requiring no added lubrication.

Symmetrical Zipper

Ensures a high wind resistance.

New Safety Technology **OBSTACLE DETECTION SYSTEM**



Coming Third Quarter 2017

The all new obstacle detection feature recognizes a disruption within its limits and immediately rewinds a set distance and stops. This avoids unpleasant and unforeseen situations. In addition, the detection system can differentiate between a gust of wind and a physical obstacle in its path.

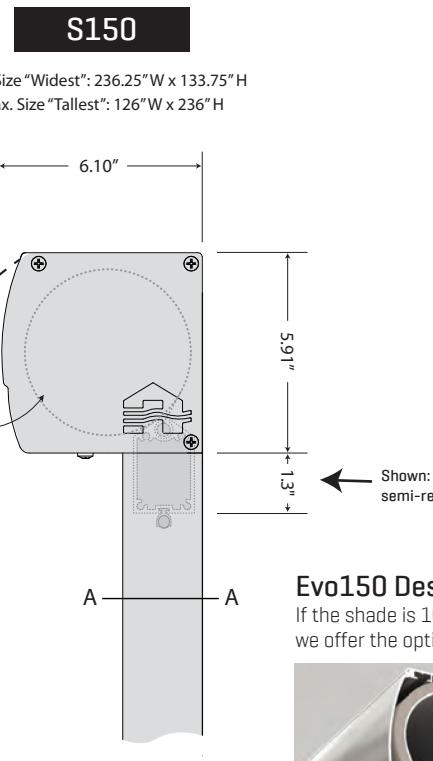
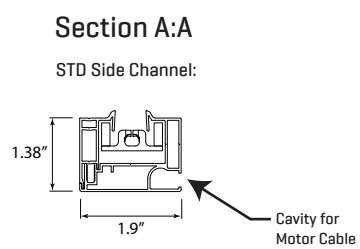
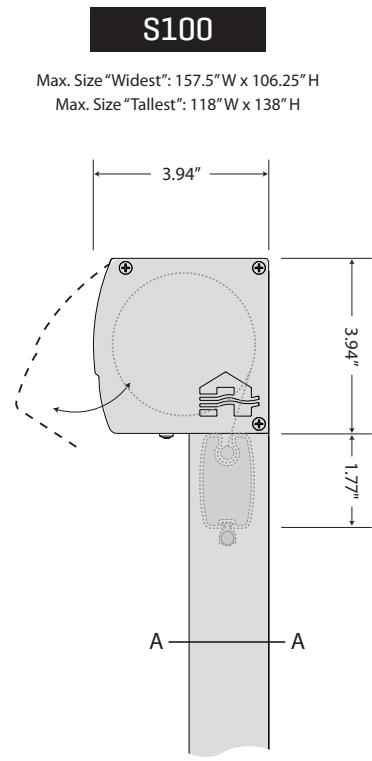
Controlling Your Shade **Simple And Convenient Operation**



You have multiple options for controlling your motorized shades. You may opt for a simple hand held remote, a wireless or wired wall switch or even a smart device app. The app allows you to create a schedule of times for your shades to move or gives you the ability to control them when you are off site. One of the most important accessories for any exterior shading product is the available wind sensor or wind and sun sensor kits. This accessory can be set to retract your shades when the wind increases to a certain level, or other pre-set weather parameters occur.

Standard Evo Models: S100 & S150

The standard head box design which allows for the fabric roller to be loaded from the front is available in 2 profiles:

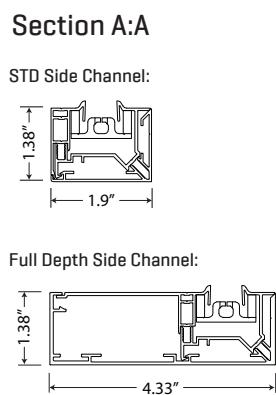
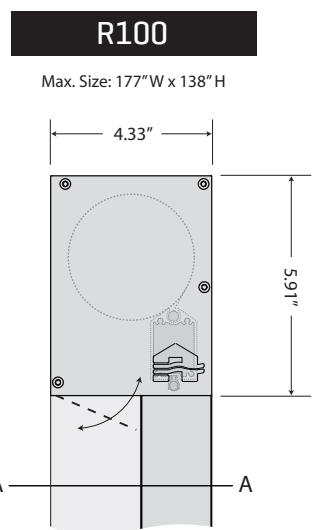


Evo150 Design Innovation:
If the shade is 107" or shorter in height then we offer the option of a fully retracted hem bar.



Recessed Evo Models: R100

The recessed head box is a unique housing design that allows for bottom loading of the fabric roller. For applications where a truly disappearing shade is desired this model is ideal. The fully enclosed pocket is designed to be installed in a hidden cavity or soffit. The pocket is of a 3 piece design with a removable panel for installation and servicing.





Specialty Shade Systems / Topfix & Topfix Max Tension Shades

Crown has partnered with Renson to offer an incredibly robust, high quality tensioned shade product for interior & exterior applications. Topfix & Topfix Max feature a revolutionary tension technology that integrates the proven ZipShade side retention for exceptional fabric tension and the ability to handle wind loads up to 75 mph. The Topfix Max also has an optional integrated gutter system available.

 **RENSON®**
by **Crown**

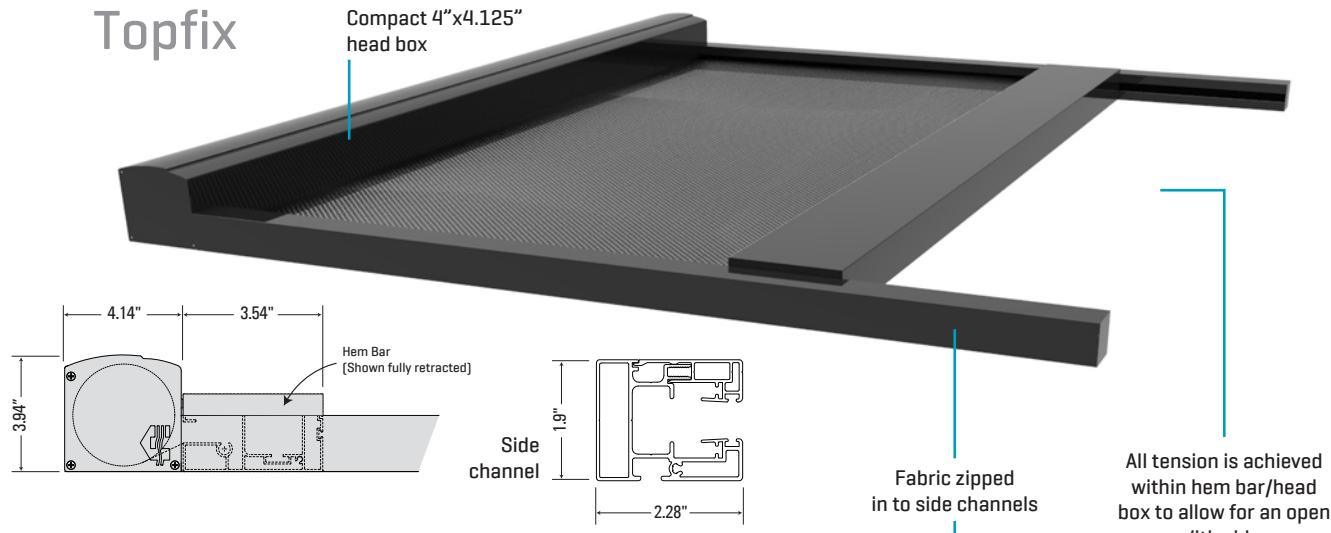
Topfix

Max. Dimensions: Up to 157.5" wide x 118" projection
Design: Concealed hardware for a flush appearance
Fabric Offering: Available with the majority of our fabric collection
Exposed Frame/Hem: Custom powder coating per order is standard
Motor Options: Somfy AC powered motors

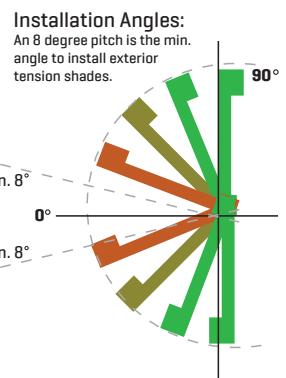
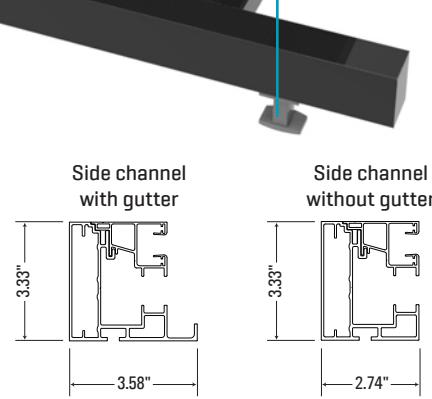
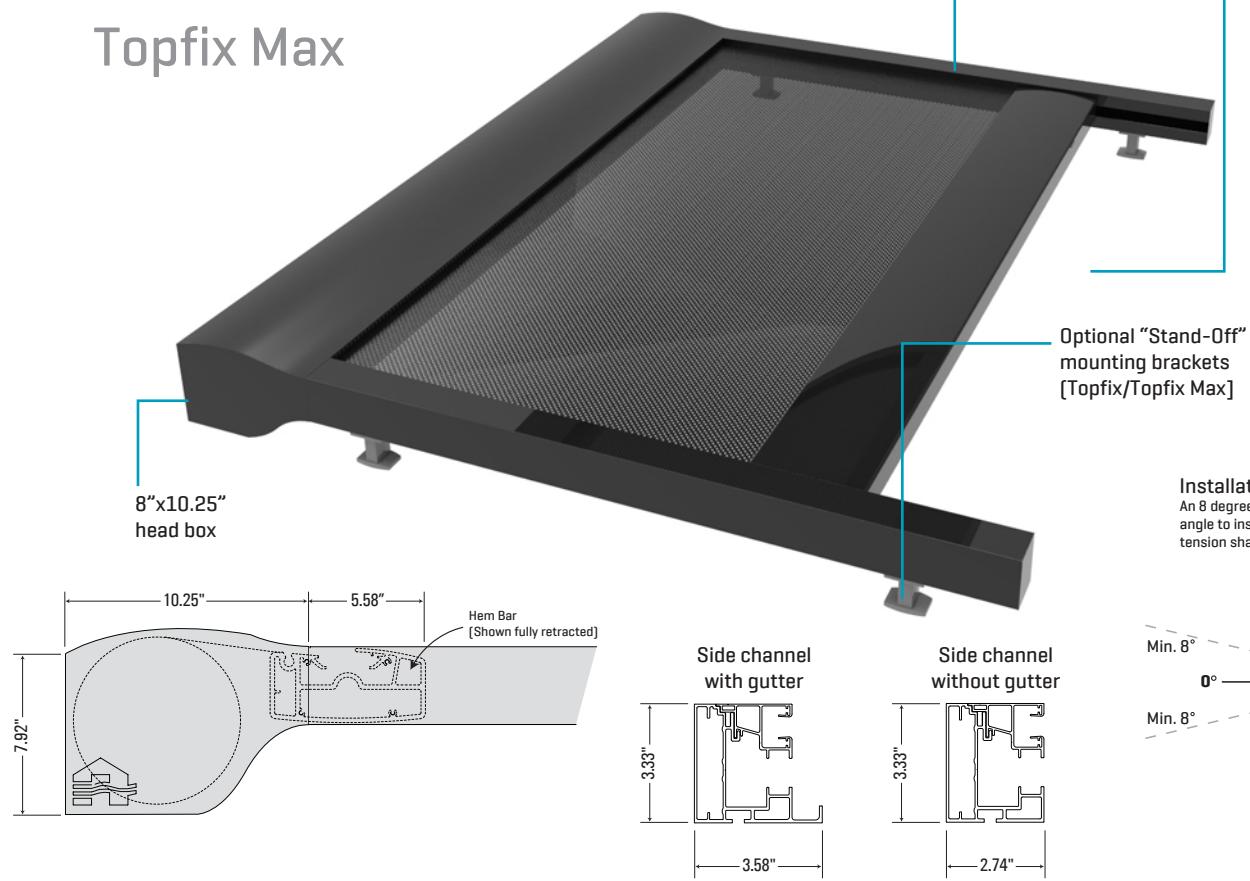
Topfix Max

Max. Dimensions: Up to 196.75" wide x 236.125" projection
Design: Concealed hardware for a flush appearance
Fabric Offering: Available with Ferrari Soltis fabrics
Exposed Frame/Hem: Custom powder coating per order is standard
Motor Options: Somfy AC powered motors

Topfix



Topfix Max

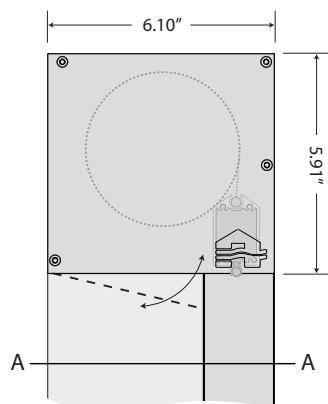


Specialty Shade Systems /
Panovista Corner Shade

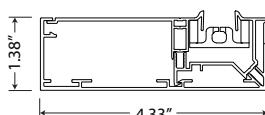
Crown has partnered with Renson to offer the industry's only corner shade solution - the Panovista. This system consists of 2 shade bands positioned at a 90 degree angle with a rack and pinion coupling device (thus 1 motor runs both bands). The shade bands are zipped together to provide the only ZERO light gap corner shade on the



Max. Dimensions: Each side can be up to 236" wide x 144" tall
 Design: Concealed hardware for a flush appearance
 Fabric Offering: Available with the majority of our fabric offering
 Exposed Frame/Hem: Custom powder coating per order is standard
 Motor Options: Somfy AC powered motors

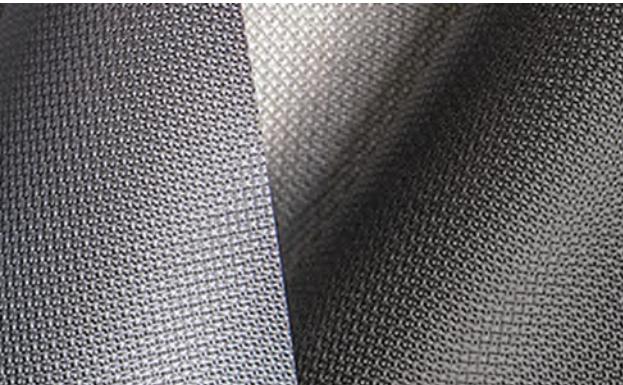


Section A:A Full Depth Side Channel:





PHIFER



Screens

Our expansive line of solar screen fabrics range from 1% to 45% openness and are from the largest screen weavers in the industry. They offer dimensional stability along with thermal & UV protection.

Insect Mesh:

Simply keeps the bugs out

Examples:

Phifer Tuffscreen

Twitchell Super Screen

Solar Mesh:

UV Ray/wind & insect protection

Examples:

Mermet Satine & Natte

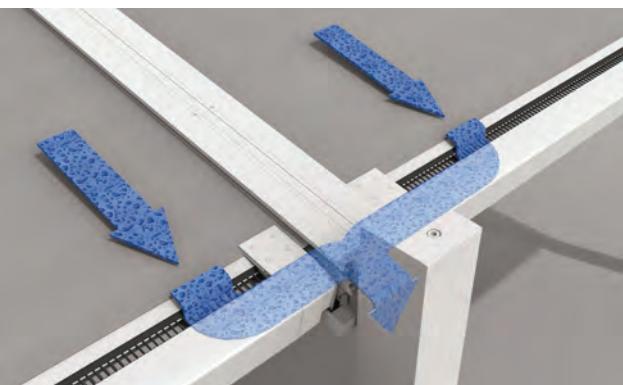
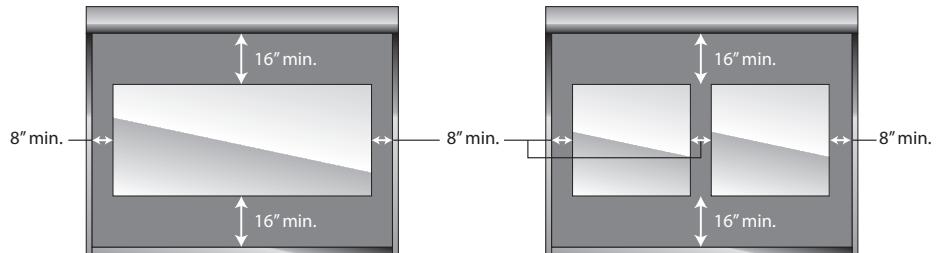
Phifer Suntex

Twitchell Textilene



Crystal Screens

UV stable clear vinyl crystal windows are great for providing clear exterior view throughs while allowing you to control the temperature within the living space. Crystal windows can not exceed 48" in one direction and also require a border [typically Serge Ferrari Preconstraint 502] for durability.



Waterproof Fabrics

Featuring a proprietary clear coating, Rensonscreen waterproof fabrics provide a membrane that protects against water infiltration. Offered in a variety of color choices, Rensonscreen is also translucent, allowing for light emittance while drastically reducing uncomfortable solar gain. With exterior ratings, Rensonscreen is ideally suited for motorized TopFix and TopFix Max skylight applications, as well as in motorized outdoor structures.

Learn More

Online Resources:



Drawings



Wiring Diagrams



Installation Instructions



Quoting



Ordering

Warranty Information:

Provider of this Warranty:

Crown Shade Company provides this warranty to its dealers and distributors who were the original purchasers of the product.

Warranty Period:

The warranty period begins on the date that the product is completed and ready to ship from the Crown warehouse.

Crown's Responsibilities Under this Warranty:

Crown Shade Company, warrants to the original purchaser that the product manufactured by Crown is free from defects in material and workmanship under normal use and as long as the product remains in the original window. Crown Shade's obligation under this warranty shall be limited to the repair or exchange of any parts or components that may prove defective in normal use. Crown Shade Company reserves the right to inspect any product or component prior to repair, replacement or refunding of the purchase price. Field labor and shipping costs to and from Crown is not included.

Provisions and Limitations:

This warranty shall not apply to any of the parts that have failed due to accident, negligence, alterations, misuse, abuse, improper handling, installation or maintenance. Failure to follow instructions for operating or installing the product, loss of color intensity due to UV exposure over an extended period of time, or normal wear and tear will also void this warranty. Shade installations that are intensively exposed to damaging weather conditions are also void from this warranty. Crystal screen vinyl shades hold a 2 year limited warranty. Field labor and shipping costs to and from Crown is not included.

To obtain service under this warranty, contact Crown Shade Company at 1-410-682-4450, sales@crownshadeco.com or return the product to 775 Chesaco Avenue | Baltimore, Maryland | 21237 . The original purchaser shall be responsible for the transportation cost of the product to Crown Shade Company. Crown will pay for shipping the product or replacement back to the original purchaser anywhere in the continental United States.



www.shadefla.com