



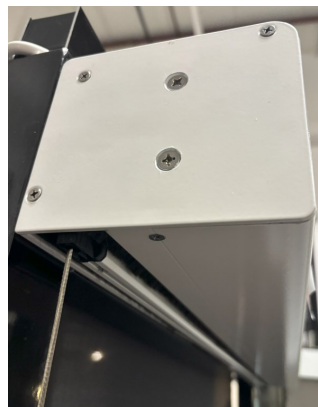
# SC2200 MASTERSHADE®

## Exterior Rolling Screen / small box

The SC2200 Mastershade® screen is our small cassette retractable screen system. The system is available in two versions with Cables or Zipper Track. The weighted hem bar keeps the fabric taut. The cabled screen version hem bar retracts inside the cassette box when the fabric is fully retracted. The zipper version utilizes the same hem bar and tracks as the SC4500 zipper screen system.

Type	Standard Frame Colors	Standard Widths	Standard Heights	Recommended Applications	Recommended Fabrics
Screen Exterior Retractable	9 standard Sunair colors	Through 14'	Through 9' Less with Acrylic fabric	Residential & Commercial Windows,	Various Mesh & Acrylic Fabrics

- Small compact standard box configuration.
- Face mount or ceiling mount.
- Gear or Motorized operation.
- Standard Cabled or Zipper track available.
- The Cabled version, the hem bar retracts into the box and is hidden when screen is fully retracted.



Cabled Version



Zip Track Version



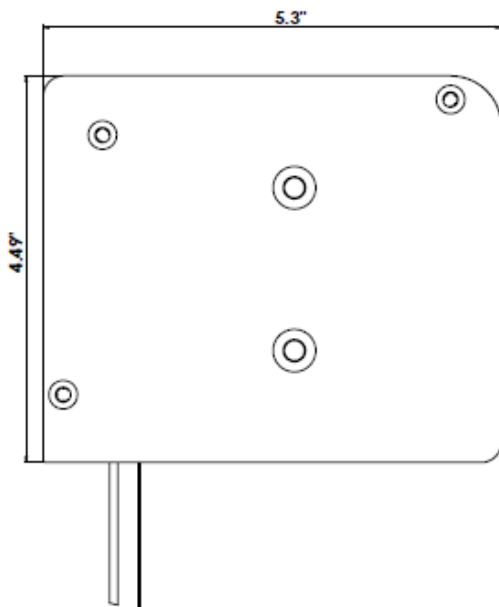
Revised 5/8/2025

# SC2200 Mastershade® Installations

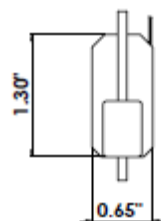


## SC2200 With Standard Cable Guides

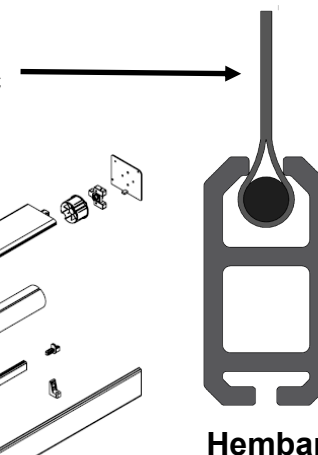
Box with Cables



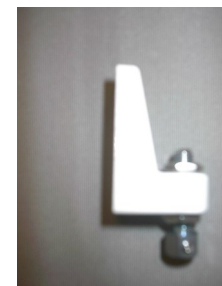
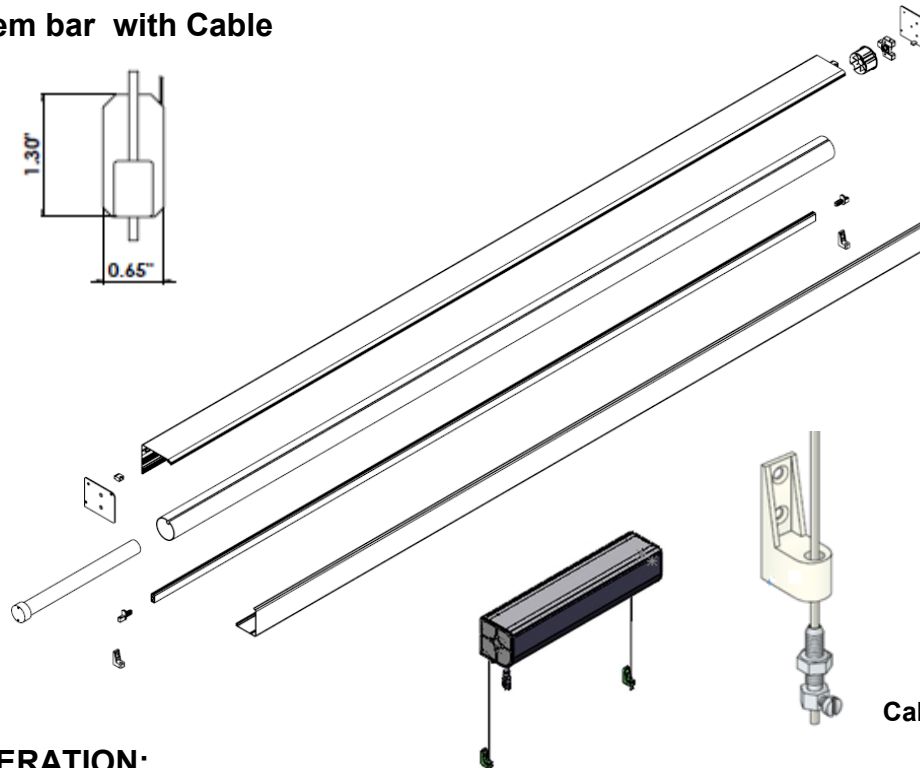
Hem bar with Cable



Fabric



Hembar



Cable guide bracket

### GEAR OPERATION:

Operate the shade with a standard hand crank (8:1 ratio gear) from the ioutside.

### MOTORIZED OPERATION:

Use either a standard Somfy hardwire motor or RTS Altus remote motor. Also available with Simu or Gaposa Solar Motors.

Minimum widths: Standard motor 26"

Altus motor 29"

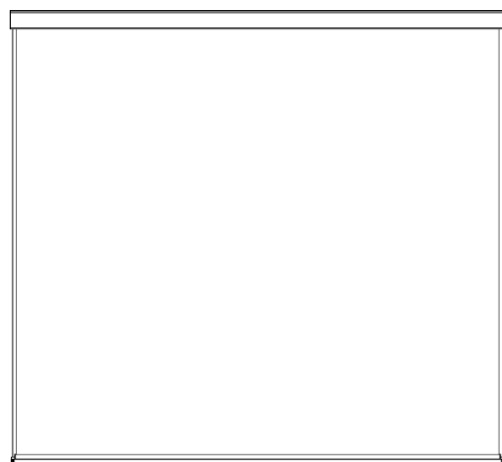
Note: Manual CMO override is not available.

### SIZES FOR SC2200

Mastershade®

Max width 14 ft. with single fabric

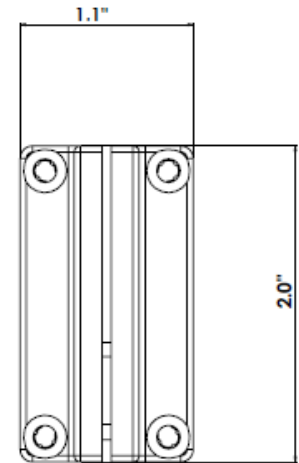
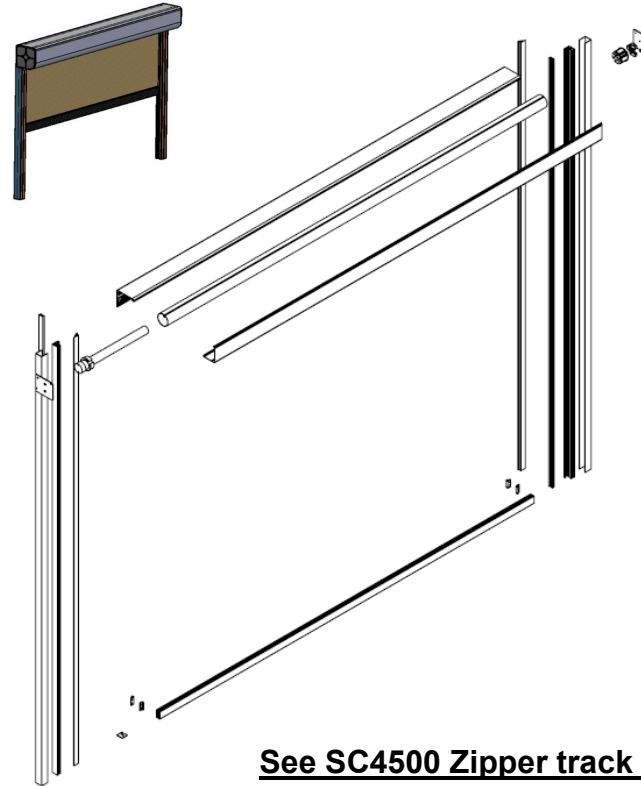
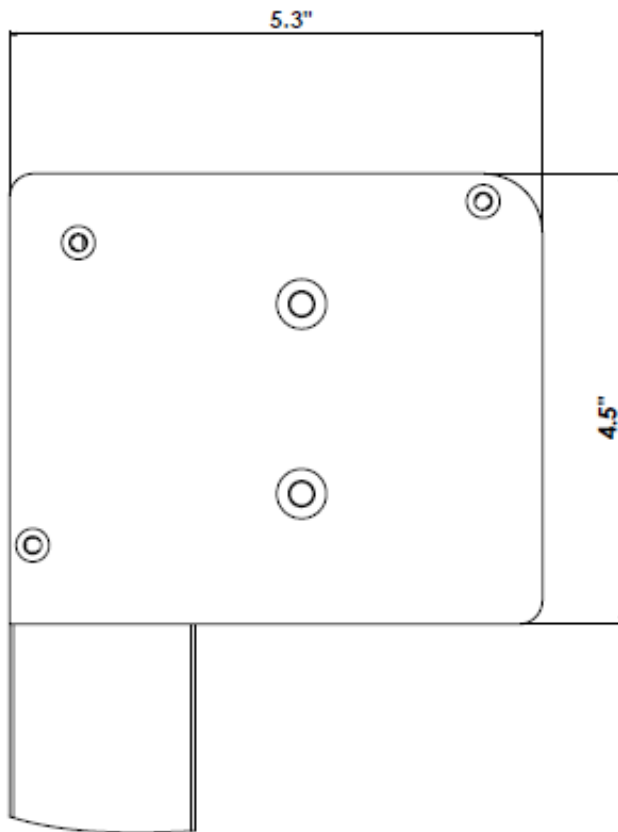
Max drop 9 ft. (Depending on fabric)



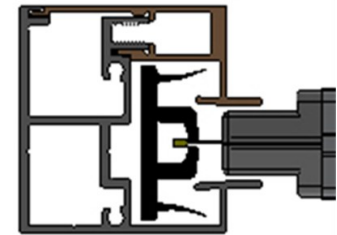


## SC2200 With Zipper Track

SC2200 Box with Zip Track



Zipper Hem Bar



See SC4500 Zipper track configurations and technical details as hem bar and zipper track is the same.  
U channel also available with SC2200 Zipper screen.

**GEAR OPERATION:** Operate the shade with a standard hand crank (8:1 ratio gear) from the outside.

**MOTORIZED OPERATION:** Use either a standard Somfy hardwire motor or RTS Altus remote motor or Gaposa radio motor. Also available with Gaposa Solar Motors ( Not available with Simu Solar motors).

**Minimum widths:** Standard motor 26"  
Altus or Gaposa motor 29"

**Note:** Manual CMO override is not available.

### [SIZES FOR SC2200](#)

[Mastershade®](#)

**Max width 14 ft. with single fabric**

**Max drop 9 ft. (Depending on fabric)**



## **MEASURING** **SC2200**

### **Cabled**

### **Version:**

**Width:** Determine the desired width. The width of the screen is the measurement outside of cassette to outside of cassette end caps. The cassette mounts without using any brackets right on the wall or ceiling. The cable brackets mount right on the wall, or optional “floor” brackets can be added to mount the cables to the floor.

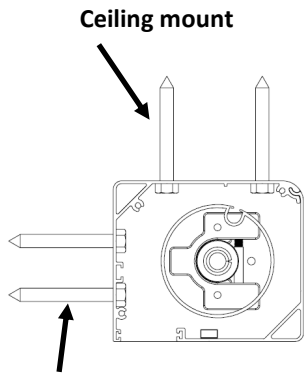
**CEILING MOUNTING BETWEEN WALLS OR PILLARS:** If mounting under a patio or ceiling, the height is the total height of opening. If mounting between pillars, make sure take your measurement at the top of the pillars and deduct 1/8” to 1/4” off the width so the cassette fits snug with minimal gaps on sides. If there is a large difference in width top to bottom, you may need to go with the narrowest measurement.

### **FACE MOUNT / WALL SURFACE MOUNTING:**

If mounting in front of a window or opening, add 3” to the width of the screen on glass area if possible to allow for the fabric to cover the glass area ( see below picture). The hem bar of the cabled screen retracts up into the header cassette box, so the total height of the mounted screen when the screen is fully retracted is about 4 1/2”.

**HEIGHT:**     *The SC2200 cassette box is 4 1/4” tall.*

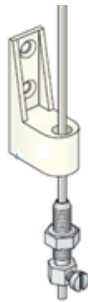
To calculate the height of the shade if surface mounting to front wall consider adding the height of the cassette (4 1/4”) to the total height of opening to be covered (see sketches on left). If you are ceiling mounting the screen, the height of the cassette is included in the total height of the screen you order. Also watch out for casement windows that will interfere with the hem bar when the shade is retracted.



Wall mount



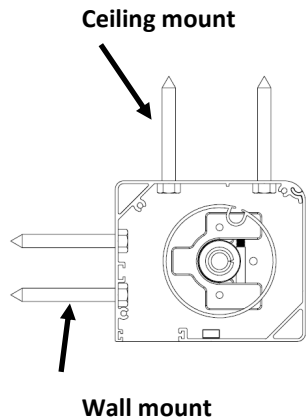
**Cabled Version**



If face mounting on a glass window if possible add 3” total to the width ( 1/2” on each side to allow for fabric deduction on each side of the screen).

## MEASURING SC2200

### Zipper Version:



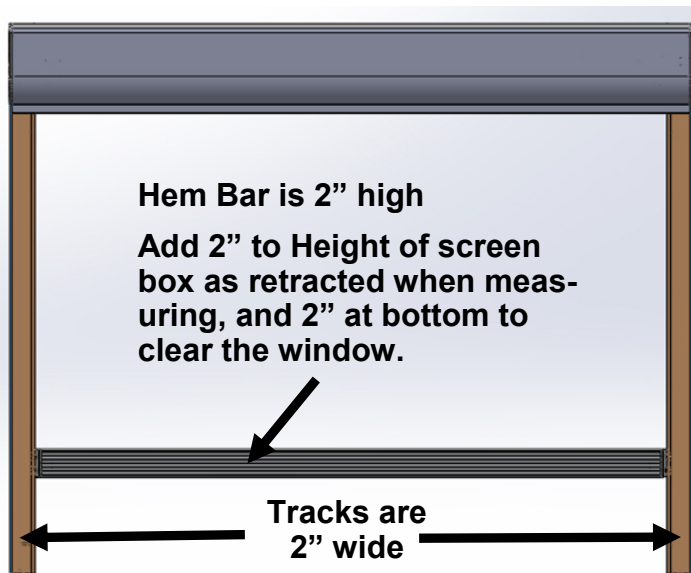
**Width:** Determine the desired width. The width of the screen is the measurement outside of track to outside of track and outside of cassette to outside of cassette end caps, as both are flush with each other. The track is 2" wide on each side (See Figure). The cassette mounts without using any brackets right on the wall or ceiling. The tracks also mount right on the wall or side mount on the post surface with screws.

**CEILING MOUNTING BETWEEN WALLS OR PILLARS:** If mounting under a patio or ceiling, the height is not adjustable and height is total height of opening. Use gasket or bigger brush to make up difference in height from side to side if the flooring is uneven. If mounting between pillars use the narrowest dimension and deduct 1/8" to 1/4" at top so cassette fits snug with minimal gaps on sides. If there is a very little difference on the width from top to bottom, you may be able to choose the narrowest and install the tracks right to the column and caulk. If distance is bigger, you should add U channels. If ordering the "U Channels Sunair, will reduce the width of the fabric and hem bar by 3/4" to allow for the installation of the U channels with about 3/8" play on each side (see drawing next page). Sunair will not reduce the width of the cassette, only the width of fabric, zipper tracks, and hem bar. If the opening is wider at bottom, add U channels to compensate. If opening is no more than 1/2" narrower at bottom the 3/4" deduction on the fabric as per above for U channels will be sufficient. If opening at bottom is more than 1/2" narrower, add U channels, and direct on order for Sunair to deduct 1" on the fabric instead of 3/4" to compensate for U channels and have room for the screws. Sunair can deduct more on fabric if needed, please indicate on order. Commonly, if difference from top to bottom is very small it is common to order only 1 each U channel instead of two for both sides, with smaller deduction.

**FACE MOUNT / WALL SURFACE MOUNTING:** If mounting in front of a window or opening, add at least 4" to the width of the opening or glass area to allow for the tracks to clear the opening (Two tracks that are 2" wide each). If you mount the tracks on window wood trim that protrudes out from the wall, the back of the cassette will have to be built out as well so that it becomes flush with the window trim and back of the tracks.

**HEIGHT:** The fabric or screen mesh should cover the height of the window or opening. The height of the screen includes the cassette height. To calculate the height of the shade if surface mounting to front wall consider adding the height of the cassette (4 1/4") plus the height of the 2" hem bar to the total height of opening to be covered (see sketches on left). This way, the hem bar is not seen while shade is retracted, as the hem bar retracts above the opening. Add an additional 2" to the height if you want the hem bar to clear the glass area when the screen is lowered. Also watch out for casement windows that will interfere with the hem bar when the shade is retracted.

**AUTOMATION:** It is not recommended to use automatic Sun and wind controls with zipper screens. Always operate screen while present.



## SC2200 With Zipper Track Con't



Hem bar:

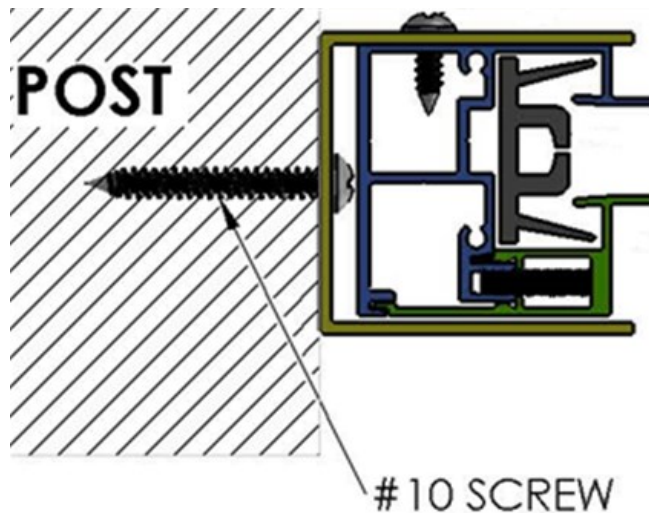
Front view 2" High

$\frac{3}{4}$ " Wide front to back

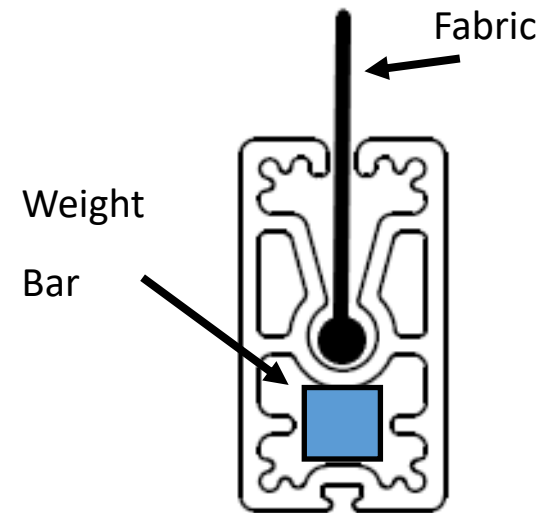
Available Hem Bar  
Brush

$\frac{1}{2}$ " , 1" , and 1  $\frac{1}{2}$ "

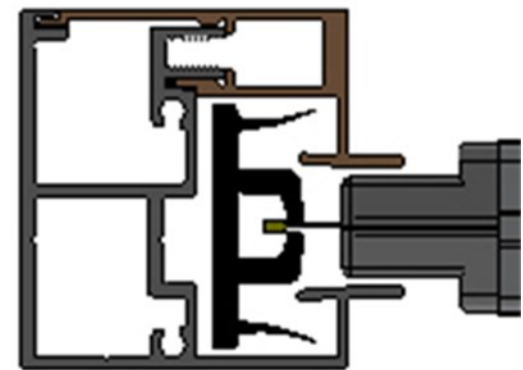
Track



Track with optional "U" channel can be added if mounting between columns. The U channel is typically only used if either top opening or bottom opening between columns is more than the other.



Hem bar: Side view



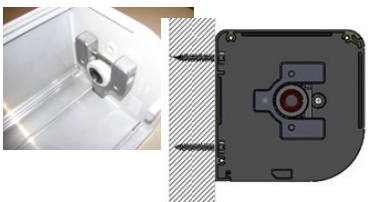
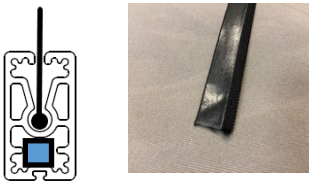
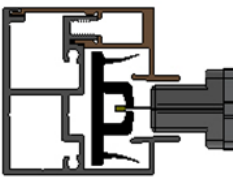
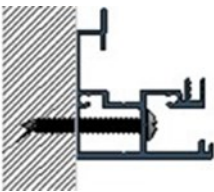
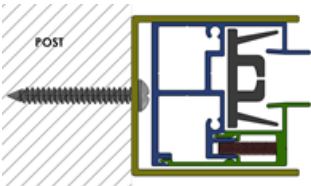
Standard track with zipper and track assembly.



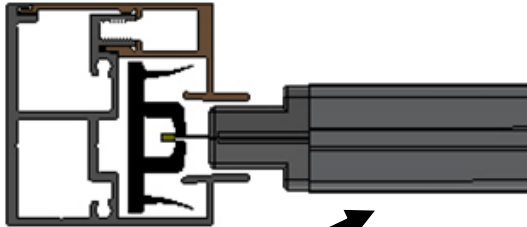
# SC2200 & SC4500 SCREEN WITH ZIPPER

## SC4500 FEATURES:

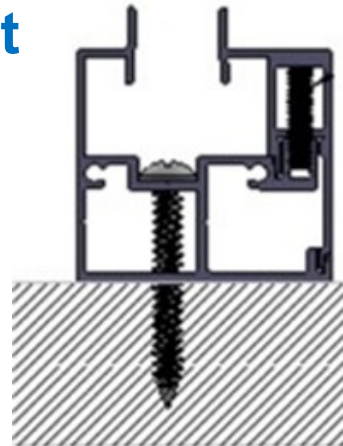
## SUNAIR BENEFIT

Easy to remove roller tube and install cassette on wall or ceiling		SC3569M metal idler bracket for removing roller assembly. Re-enforced cassette with ridges for using smaller screws to install cassette.	The metal idler bracket makes it easy to remove roller tube and fabric and the cassette can be installed without use of brackets. It is designed to withstand the torque of larger heavy shades.
New Improved hem bar and optional larger zipper		Hem bar with internal weight bar hides the weld seams. Optional two sizes of zippers #2 and larger #3 sizes available.	An internal weight bar will not be exposed to the elements and the weld seam is hidden. The optional larger #3 sized zipper is advantageous for windier areas and larger screens.
Internal PVC zipper insert with winglets		The SC4500 "Zipper" insert PVC has soft "winglets" on each side of the zipper channel.	Vinyl winglets on the insert PVC provide tension while offering flexibility to expand and contract for the fabric as the temperature changes.
Easily installation of track to wall or side		The SC4500 track is easily attached to the back wall or side wall using small screws rather than track brackets (Back wall shown).	Eliminating track brackets makes for a faster installation and a cleaner look.
U channel for un-even wall installation		The "U" channel can be added to the standard track.	This "U" channel makes it easier to install the tracks between uneven columns or inserting into columns for new construction.

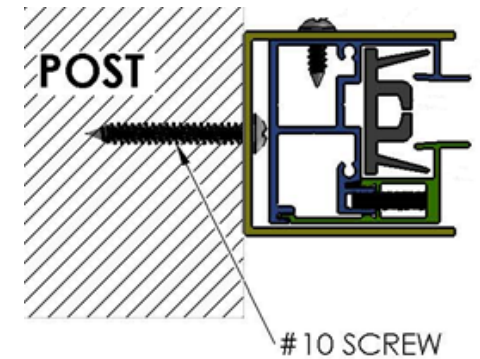
## SC2200 With Zipper Track Con't



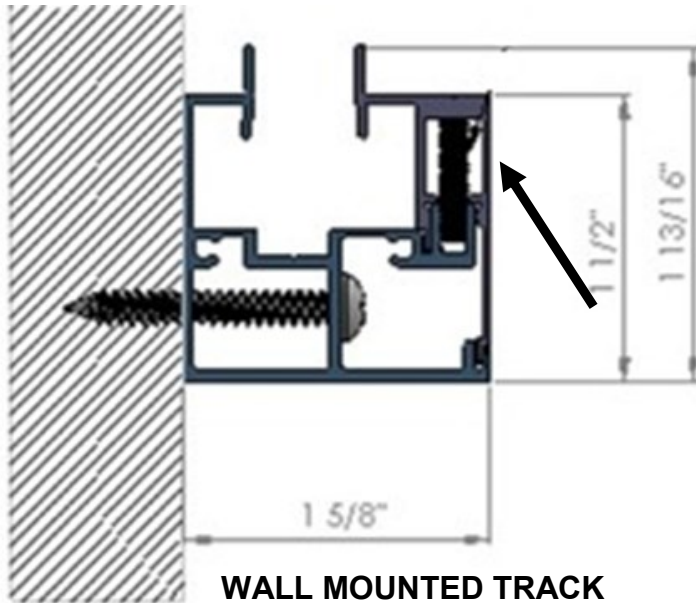
Hem bar: Top view  
 $\frac{3}{4}$ " wide front to back



SIDE MOUNTED  
TRACK



SIDE MOUNTED  
TRACK WITH U CHANNEL



WALL MOUNTED TRACK

If using the "U" Channels, Sunair will reduce the width of the fabric and hem bar (Not cassette) to allow for the installation of the U channels between pillars with about  $\frac{3}{4}$ " – 1" (Allowing for  $\frac{3}{8}$ " to  $\frac{1}{2}$ " play on each side). This takes into consideration the screw and wall thickness of the actual U channel so screen can be installed. Unless deductions were made in production, U channels cannot be added later.

# **BENEFITS OF SOLAR SCREENS**



Screen fully lowered down

- **Reduces indoor temperatures and saves energy cooling your space.**
- **Cuts down on solar glare while retaining your view depending on mesh fabric type and openness factor.**
- **Cuts down on interior fading of floors, carpets and furniture.**
- **Can offer complete black out privacy blocking all light.**



Screen partially lowered down



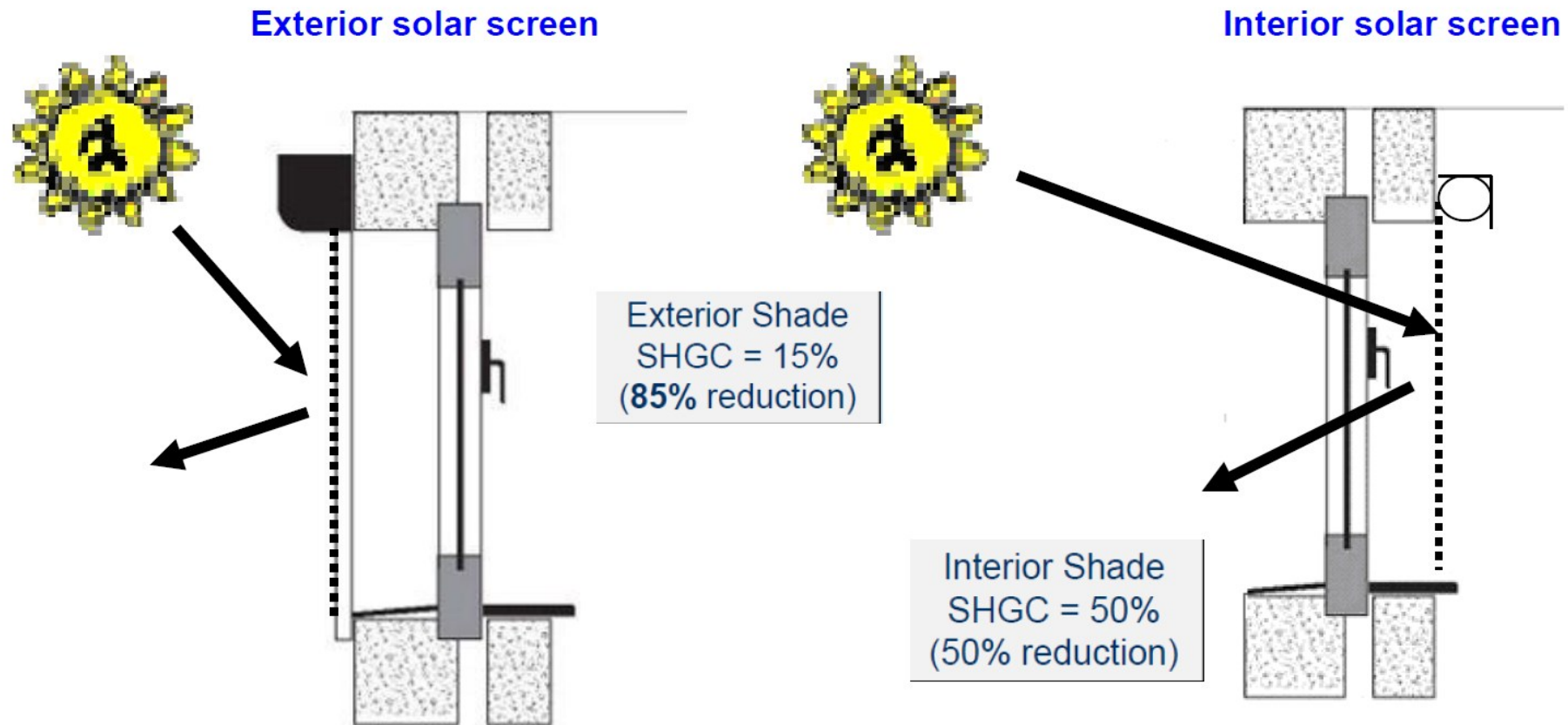
Screen partially down showing glare



Screen fully down and no glare

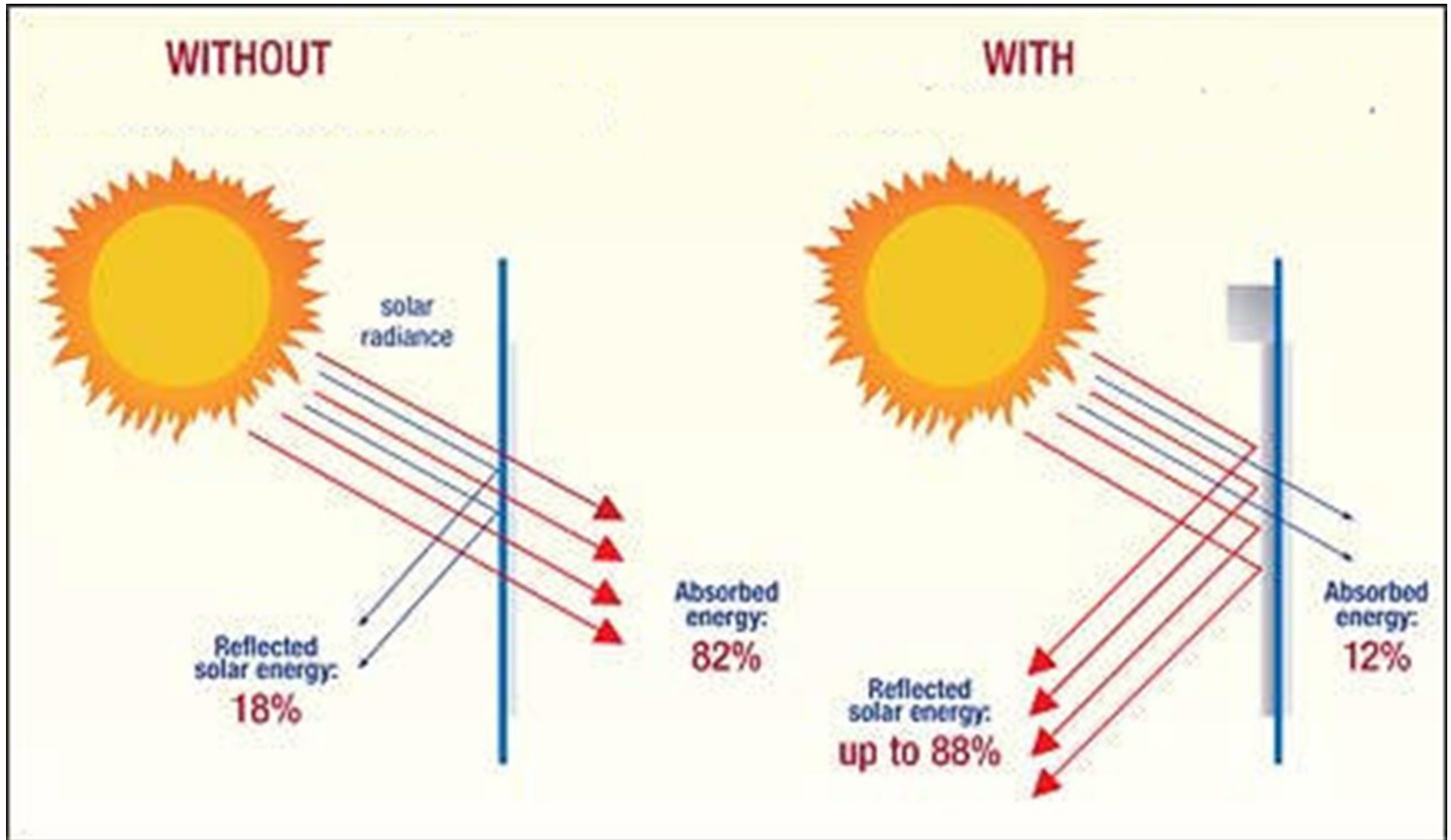


## BENEFITS OF SOLAR SCREENS cont:



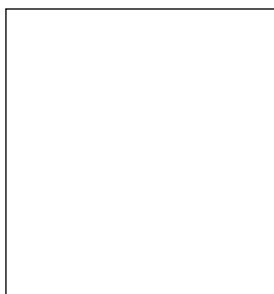
Solar screens can be installed both on the exterior and interior applications of residential and commercial spaces. The benefit with exterior solar screens is that the fabric blocks the sun before it enters the home or space through the glass. Sometimes it is not feasible to install an exterior screen. In such a case, interior screens offer a good alternative. Interior screens are also more economical.

## BENEFITS OF EXTERIOR SOLAR SCREENS:

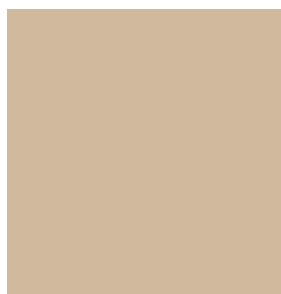


# SCREEN FRAME COLORS ( STANDARD)

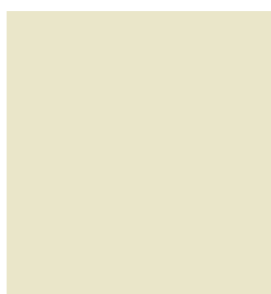
\*Note: See each model technical page for available frame colors. Available interior screen colors are different than depicted below ( see Interior screens).



**WHITE Gloss**  
Ral 9010



**MOCHA**  
Semi Gloss



**DESERT SAND /  
IVORY Gloss**



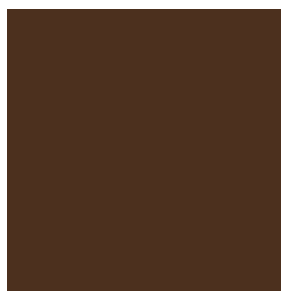
**BLACK Gloss**  
Ral 9005



**BRONZE**  
Coarse



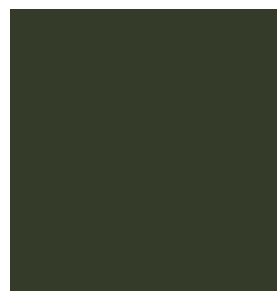
**GREY Gloss**  
Ral 7040



**BROWN Gloss**



**TAUPE Gloss**



**GREEN Gloss**  
Ral 6005

## OPTIONAL



**FULL RAL COLOR  
RANGE / EXTRA COST**

NOTE: All colors except Green Ral 6005 and Desert Sand / Ivory are “super durables” which offer better durability compared with standard polyesters powders.

**NOTE:** ACTUAL FRAME COLOR MAY VARY FROM DIGITAL IMAGES





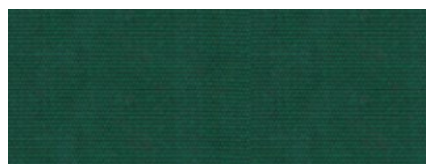


## ACRYLIC FABRIC COLLETION

2025



Fabric covers sewn  
with Tenara thread.



5 Forest Green



7 Moss Green



8 Medium Green



11 Red



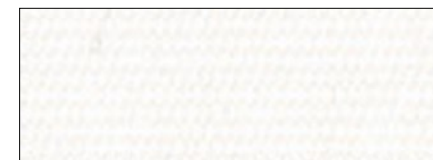
12 Yellow



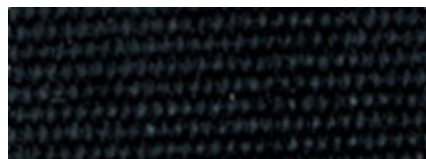
13 Ocean Blue



14 Toast



15 White



24 Black



33 Forest Green / White



35 Red / White



37 Yellow / White



47 Brown / Stone



52 Tan



53 Pale Peach



73 Burgundy



**75 Navy Blue**



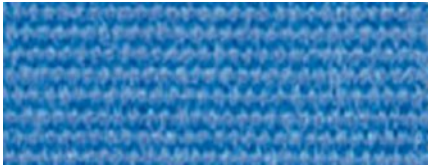
**79 Grey**



**81 True Brown**



**84 Dark Terracotta**



**87 Fancy Blue**



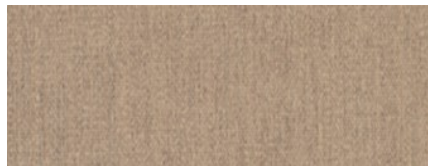
**97 Charcoal**



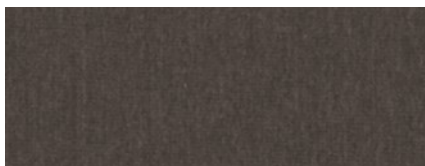
**101 Elite Toast**



**102 Cappuccino**



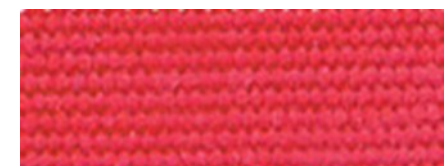
**106 Toffee**



**107 Textured Dk. Grey**



**242 Grey / White**



**426 Terracotta**



**439 Dark Grey / White**



**809 Cream / Green**



**878 Beige / White Speckled**



**926 Taupe Classic Solid**



**1101 Beige / Stripe Fancy**



**1120 Brown/ Beige Fancy**



**1150 Rust / Green Multi**



**116/15 Medium Blue / White**



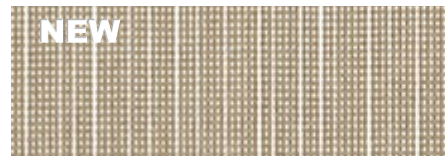
**1243 Yellow Multi**



**1302 Sage Tweed**

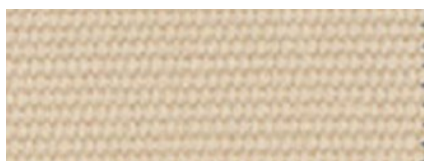


**1330/512 Carbon Stitch**

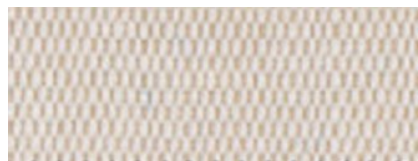


**1400/704 Desert Stitch**

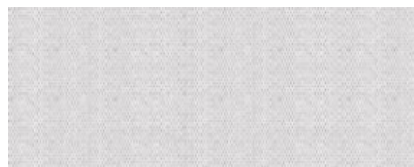




**15/1 Beige**



**15/14 Raw**



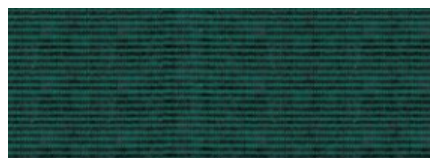
**15/79 Stone**



**4015/91 Raw Speckled**



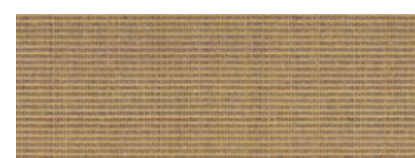
**407/3 Green Classic Tweed**



**407/6 Green Tweed**



**407/11 Burgundy Tweed**



**407/14 Toast Classic Tweed**



**407/16 Moss Classic Tweed**



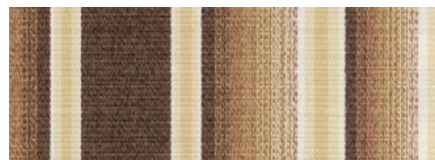
**407/79 Pepper Grey**



**407/926 Grey Classic Tweed**



**4215/15 Textured Tan**



**5000/57 Cocoa Stripe**



**5001/1 Green Graduated**



**5001/13 Blue Graduated**



**5001/7 Moss Graduated**



**5001/73 Burg/Grey Graduated**



**5009/1 Beige / Tan Stripe**



**5009/14 Brown / Tan Stripe**



**5011/11 Brick/Natural Fancy**



**5011/57 Tan / Brown Fancy**



**5011/7 Tan / Green Fancy**



**5071/7 Natural/Moss Graduated**



**5072/86 Brown/Stone Fancy**



**5118/62 Yellow / White Fancy**



**5144/14 Pastel/Natural Fancy**



**5167/11 Red / Grey Fancy**



**5167/2 Blue / Grey Fancy**



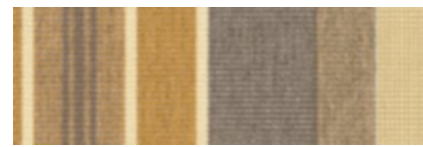
**5167/5 Green / Grey Fancy**



**5173/12 Yellow / Grey Stripe**



**5304/15 Rose / Gray Stripe**



**5347/58 Grey Wheat Multi**



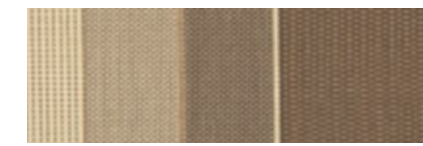
**5347/79 Platinum Grey Multi**



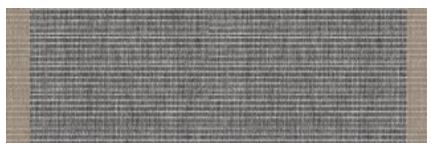
**5348/79 Grey / Slate Multi**



**5349/106 Brown Cream Stripe**



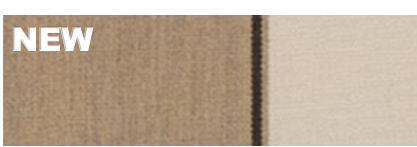
**5349/930 Beige  
/ Brown Classic**



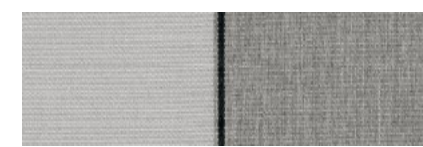
**5369 Charcoal / Brown**



**5370 Beige / Grey**



**5371/106 Champaign / Brown**



**5371/727 Grey / Black Stripe**



**5374 Smoke / Grey Stripe**



**5396/97 Charcoal Tweed Stripe**



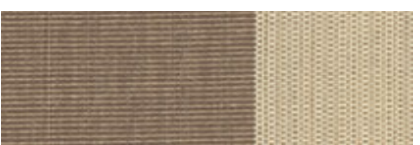
**5397/97 Grey / Black  
Graduated**



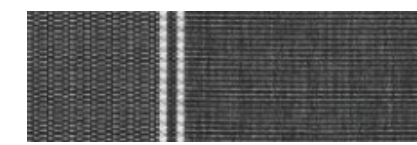
**5398/78 Fresh Meadow Blend**



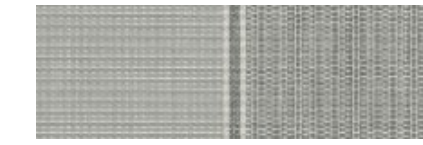
**5398/107 Carbon Blue Blend**



**5398/930 Dune / Brown  
Striped**



**5399/107 Drk. Grey Tweed**



**5399/15 Lgt. Grey Stripe**





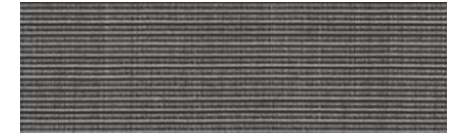
**5399/52 Sesame Tweed  
Stripe**



**5406/52 Coriander Tweed**



**5406/94 Textured / Desert  
Beige**



**5407/107 Charcoal /  
Stone Tweed**



**5407/15 Textured Silk  
Grey**



**5407/17 Sky Tweed**



**5407/52 Sesame Tweed**



**5407/94 Desert Grey  
Tweed**



**5421/4 Melody Sand**



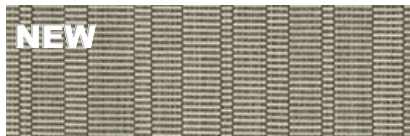
**5421/7 Melody Desert**



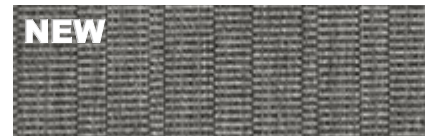
**5421/9 Melody Rock**



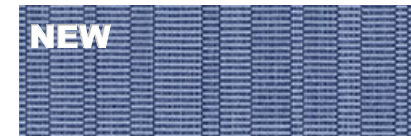
**5421/11 Melody Sea**



**5422/8 Fog Variante**



**5422/10 Smoke Variante**



**5422/11 Sea Variante**



**5423/79 Gray / Desert Multi**



**633/79 Grey/ Black Fancy**



**634/51 Grey / Natural Fancy**



**634/97 Green / Tan Fancy**



**635/11 Cranberry/Natural F.**



**636/10 Grey / Blue Graduated**



**636/12 Yellow Graduated**



**636/14 Brown Elite Stripe**



**636/5 Green / Beige Fancy  
5399/15 Lgt. Grey Stripe**



**636/84 Terracotta Graduated**



**638/5 Green Grey Fancy**



**639/99 Tan / Natural Fancy**



**641/10 Blue / Beige Fancy**



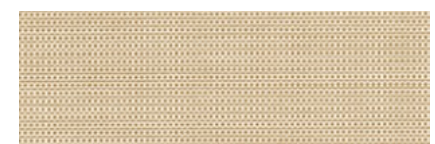
**727/15 Textured Med. Grey**



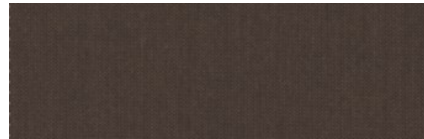
**739/701 Sage / Beige Fancy**



**782/14 Beige Classic  
Solid**



**873/151 Dune Tweed**



**873/2 Textured Cocoa**



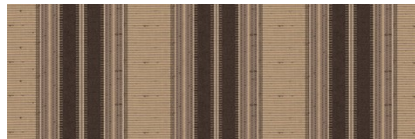
**939/94 Grey Elite Stripe**



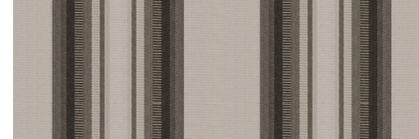
**940/5 Green Elite Stripe**



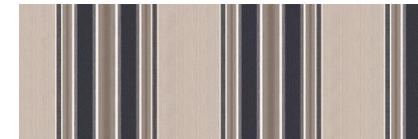
**947/14 Pale / Beige Classic**



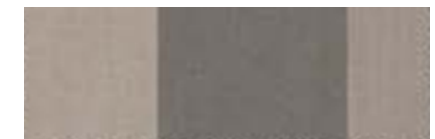
**949/91 Brown Beige  
Classic**



**950/24 Grey / Charcoal  
Classic**



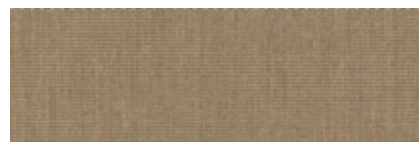
**951/92 Grey / Navy  
Classic**



**967/926 Grey/Charcoal Elite**



**968/426 Terracotta Cream  
Fancy**



**986/106 Textured Beige**



**986/15 Textured Lt. Grey**



**986/727 Textured Pebble  
Grey**



**931 Green / Cream Wide**



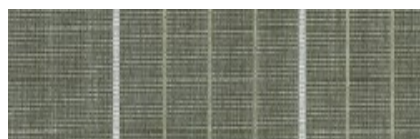
**969 Grey Fancy Stripe**



**407/13 Blue Tweed**



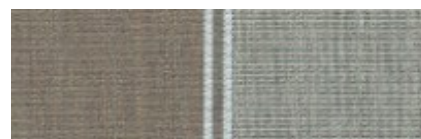
**5348/58 Beige / Wheat Multi**



**5396/78 Green Tweed Stripe**



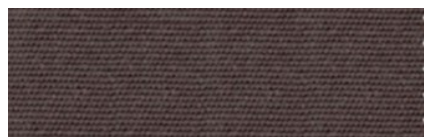
**5396/930 Hazelnut Stripe**



**5399/94 Stone / Grey Tweed**



**769/75 Cream / Blue Fancy**



**97/84 Plum**

Call your Sunair representative for availability.  
Limited yardage in stock on the above discontinued fabrics.





## SOLIDS | TWEEDS | BLOCK STRIPES | FANCY STRIPES | GRADUATED STRIPES

Pattern	Name
5	Forest Green
7	Moss Green
8	Medium Green
11	Red
12	Yellow
13	Ocean Blue
14	Toast
15	White
24	Black
33	Forest Green / White
35	Red / White
37	Yellow / White
47	Brown / Stone
52	Tan
53	Pale Peach
73	Burgundy
75	Navy Blue
79	Grey
81	True Brown
84	Dark Terracotta
87	Fancy Blue
97	Charcoal
101	Elite Toast
102	Cappuccino
106	Toffee
107	Textured Dark Grey
242	Grey / White
426	Terracotta
439	Dark Grey / White
809	Cream / Green
926	Taupe Classic Solid
1101	Beige / Stripe Fancy
1120	Brown / Beige Fancy

Pattern	Name
1150	Rust / Green Multi
116/15	Medium Blue / White
1243	Yellow Multi
1302	Sage Tweed
1330/512	Carbon Stitch
1400/704	Desert Stitch
15/1	Beige
15/14	Raw
15/79	Stone
4015/91	Raw Speckled
407/11	Burgundy Tweed
407/14	Toast Classic Tweed
407/16	Moss Classic Tweed
407/3	Green Classic Tweed
407/6	Green Tweed
407/79	Pepper Grey
407/926	Grey Classic Tweed
4215/15	Textured Tan
5000/57	Cocoa Stripe
5001/1	Green Graduated
5001/13	Blue Graduated
5001/7	Moss Graduated
5001/73	Burgundy / Grey Graduated
5009/1	Beige / Tan Stripe
5009/14	Brown / Tan Stripe
5011/11	Brick / Natural Fancy
5011/57	Tan / Brown Fancy
5011/7	Tan / Green Fancy
5071/7	Natural / Moss Graduated
5072/86	Brown / Stone Fancy
5118/62	Yellow / White Fancy
5144/14	Pastel / Natural Fancy
5167/11	Red / Grey Fancy

Pattern	Name
5167/2	Blue / Grey Fancy
5167/5	Green / Grey Fancy
5173/12	Yellow / Grey Stripe
5304/15	Rose / Grey Stripe
5347/58	Grey / Wheat Multi
5347/79	Platinum Grey Multi
5348/79	Grey / Slate Multi
5349/106	Brown / Cream Stripe
5349/930	Beige / Brown Classic
5369	Charcoal / Brown
5370	Beige / Grey
5371/106	Champaign / Brown
5371/727	Grey / Black Stripe
5374	Smoke / Grey Stripe
5396/97	Charcoal Tweed Stripe
5397/97	Grey / Black Graduated
5398/78	Fresh Meadow Blend
5398/107	Carbon Blue Blend
5398/930	Dune / Brown Stripe
5399/107	Dark Grey Tweed
5399/15	Light Grey Stripe
5399/52	Sesame Tweed Stripe
5406/52	Coriander Tweed
5406/94	Textured / Desert Beige
5407/107	Charcoal / Stone Tweed
5407/15	Textured Silk Grey
5407/17	Sky Tweed
5407/52	Sesame Tweed
5407/94	Desert Grey Tweed
5421/4	Melody Sand
5421/7	Melody Desert
5421/9	Melody Rock
5421/11	Melody Sea

Pattern	Name
5422/8	Fog Variante
5422/10	Smoke Variante
5422/11	Sea Variante
5423/79	Grey / Desert Multi
633/79	Grey / Black Fancy
634/51	Grey / Natural Fancy
634/97	Green / Tan Fancy
635/11	Cranberry / Natural Fancy
636/10	Grey / Blue Graduated
636/12	Yellow Graduated
636/14	Brown Elite Stripe
636/5	Green/ Beige Fancy
636/84	Terracotta Graduated
638/5	Green / Grey Fancy
639/99	Tan / Natural Fancy
641/10	Blue / Beige Fancy
727/15	Textured Medium Grey
739/701	Sage / Beige Fancy
782/14	Beige Solid Classic
873/151	Dune Tweed
873/2	Textured Cocoa
939/94	Grey Elite Stripe
940/5	Green Elite Stripe
947/14	Pale Beige Classic
949/91	Brown / Beige Classic
950/24	Grey / Charcoal Classic
951/92	Grey / Navy Classic
967/926	Grey / Charcoal Elite
968/426	Terracotta / Cream Fancy
986/106	Textured Beige
986/15	Textured Light Grey
986/727	Textured Pebble Grey





RecScreen  
5000P

## Exterior Screen Fabric



300 Charcoal / Charcoal

### Specifications

---

**Composition:** 15% Polyester, 85% Vinyl

**Syle:** Basket Weave

**Mesh Weight:** 14,75 (oz/yd<sup>2</sup>)

**Openness Factor:** 5.5 % - 10% Depending on color

**Fabric Thickness (in):** .026

**Width:** 118"

**Fire classification:** NFPA 701 Test 1, and CA Fire Marshall Title 19, Section 1237.1

**Warranty:** 5 years exterior

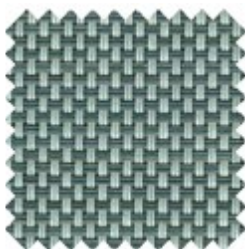
**Bacteria and Fungal Resistance:** AATCC Test Method 100-2004



001 White  
/ Linen



002 Blanco  
/ Sable



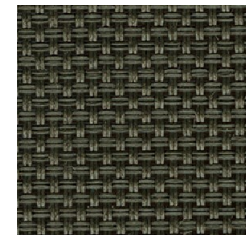
405 Pearl  
/ Dark Grey



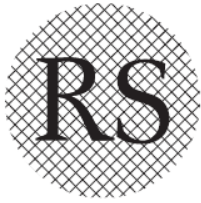
305 Charcoal  
/ Dark Grey



307 Charcoal  
/ Bronze



770 Bronze  
/ Bronze



RecScreen  
6000P

Exterior Screen Fabric



300 Charcoal / Charcoal

## Specifications

**Composition:** 18% Polyester, 82% Vinyl

**Style:** Twill

**Mesh Weight:** 17,8 (oz/yd<sup>2</sup>)

**Openness Factor:** 3 %

**Fabric Thickness (in):** .78 mm

**Width:** 118"

**Fire classification:** NFPA 701 Test 1, and CA Fire Marshall Title 19, Section 1237.1

**Warranty:** 10 Year Limited. Visit [www.recasensusa.com](http://www.recasensusa.com) for full warranty.

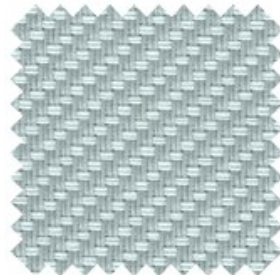
**Bacteria and Fungal Resistance:** AATCC Test Method 100-2004



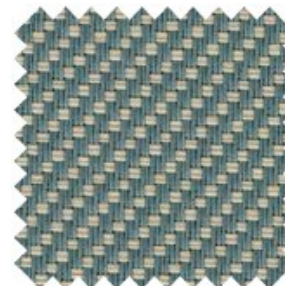
001 White  
/ Linen



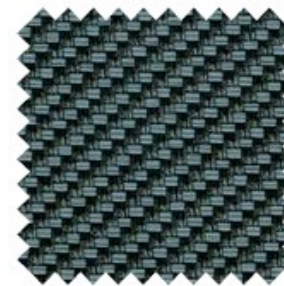
002 White  
/ Sable



004 White  
/ Pearl Grey



502 Dark  
Gray / Sable



503 Dark  
Gray / Charcoal



307 Charcoal  
/ Bronze





3%

30M687 | Charcoal/Cocoa-Fawn



5%

30M687 | Charcoal/Cocoa-Fawn



10%

30M687 | Charcoal/Cocoa-Fawn



910902  
Sable/White

10M127  
Sable/Sable-Fog

910988  
Sable/Wood

901910  
Grey/Sable

30M687  
Charcoal/  
Cocoa-Fawn

930961  
Charcoal/Cocoa

930992  
Charcoal/Gamet

901901  
Grey/Grey

901930  
Grey/Charcoal

30M394  
Charcoal/  
Charcoal-Navy

930993  
Charcoal/Forest

930930  
Charcoal/  
Charcoal

Exterior Screen Fabric

NEW!

Natté™

Outdoor Screen Fabric.

42% Fiberglass

58% vinyl

3%, 5% , & 10%

**MERMET.**

Sun Control Textiles™



## Exterior Screen Fabric

**NEW!**  
**Satiné™**

Outdoor Screen Fabric.

42% Fiberglass

58% vinyl

1% & 5%



1% 30M394 | Charcoal/Charcoal-Navy



5% 30M394 | Charcoal/Charcoal-Navy



910988  
Sable/Wood

10M986  
Sable/  
Garnet-Auburn

910993  
Sable/Forest

30M687  
Charcoal/  
Cocoa-Fawn

930961  
Charcoal/Cocoa

30M386  
Charcoal/  
Charcoal-Auburn

901994  
Grey/Navy

30M394  
Charcoal/  
Charcoal-Navy

01M230  
Grey/Fog-Charcoal

30M301  
Charcoal/  
Charcoal-Grey

930930  
Charcoal/Charcoal

930992  
Charcoal/Garnet

**MERMET.**

*Sun Control Textiles™*



# **PHIFER** **TuffScreen®** *Heavy-Duty Insect Screening*

Exterior Screen Fabric  
Zipper Screens only



Phifer TuffScreen®  
is backed by a  
10-year extended  
limited warranty.



## **Specifications** 45% Open

**Standard Color:** Black

**Standard Widths:** 36" (91.4cm), 48" (121.9cm), 60" (152.4cm), 72" (182.9cm), 84" (213.4cm), 96" (243.8cm), 108" (274.3cm) and 120" (304.8cm)

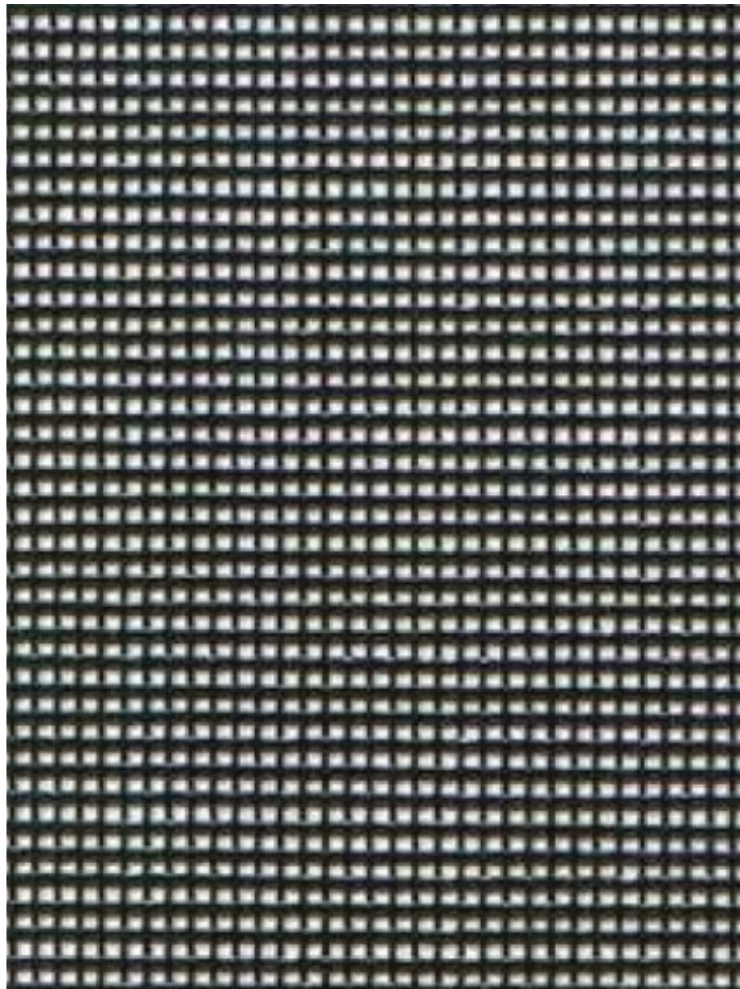
**Standard Roll Lengths:** 100' (30.48m) in all widths and 50' (15.24m) in all widths except 120"

**Packaging:** Individually wrapped in protective paper



- Heavy-duty, vinyl-coated polyester insect screening
- Ideal for use in high-traffic areas
- Durable – resists damage from pets, tears and punctures
- Excellent choice for patios, porch enclosures, retractable systems, windows and doors

**PHIFER**  
**TuffScreen®**  
*Heavy-Duty Insect Screening*



Exterior Screen Fabric  
Zipper Screens only



Phifer TuffScreen®  
is backed by a  
10-year extended  
limited warranty.

## Specifications 40% Open

**Standard Color:** Black

**Standard Widths:** 36" (91.4cm), 48" (121.9cm), 60" (152.4cm), 72" (182.9cm), 84" (213.4cm), 96" (243.8cm), 108" (274.3cm) and 120" (304.8cm)

**Standard Roll Lengths:** 100' (30.48m) in all widths and 50' (15.24m) in all widths except 120"

**Packaging:** Individually wrapped in protective paper



- Heavy-duty, vinyl-coated polyester insect screening
- Ideal for use in high-traffic areas
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- Excellent choice for patios, porch enclosures, retractable systems, windows and doors



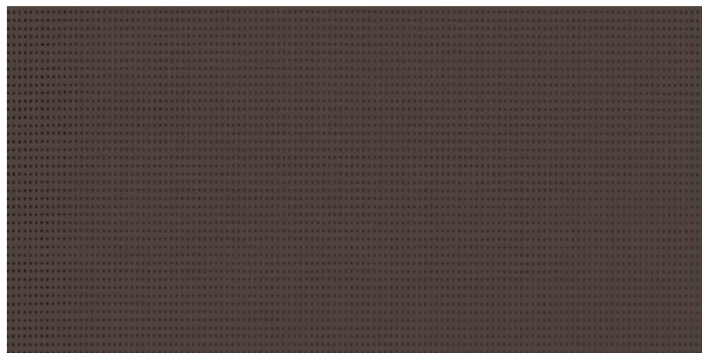
**Soltis**  
Horizon 86

**Serge Ferrari**

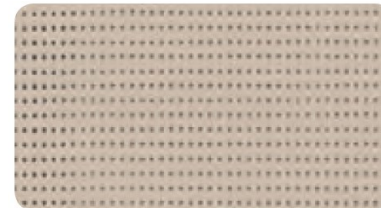
14 % Open Screen Mesh

Exterior Screen Fabric

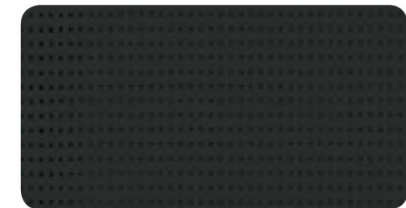
5 year warranty from Ferrari



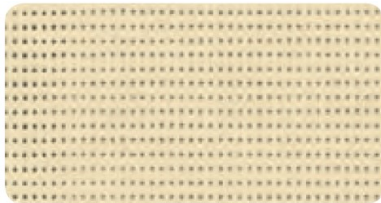
86-2043  
Bronze



86 – 2135  
Sandy Beige



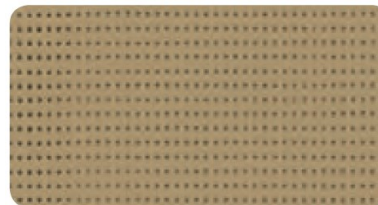
86 – 2053  
Black



86 – 2175  
Champagne



86 – 2044  
White



86 – 2012  
Pepper



86 – 2171  
Boulder

■ **Technical properties**

Openess factor	14%
Weight	380 g/m <sup>2</sup> — 11.2 oz/sqyd
Thickness	0.45 mm — 450 microns
Width	177 cm - 267 cm — 69.7 in. - 105.1 in.

Superior elongation and tear resistance

No deformation during processing and use

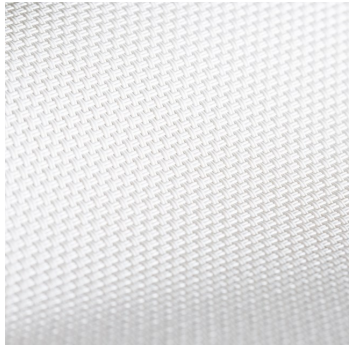
Superior aesthetic and mechanical durability

Smooth finish easy to clean, space saving, easy rolling

## Exterior Screen Fabric



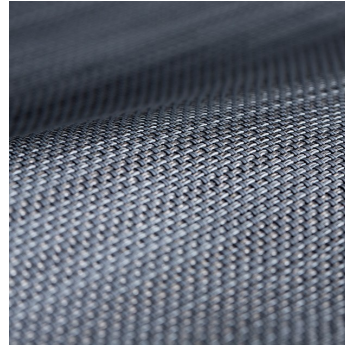
5 % Open Screen Mesh



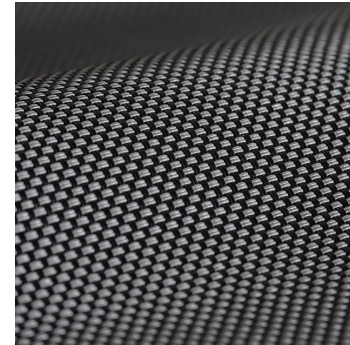
White



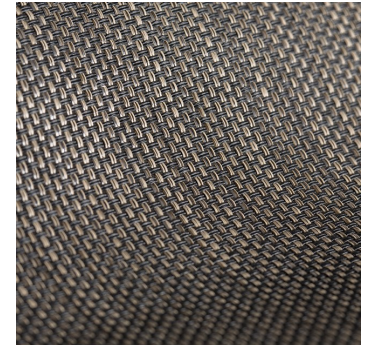
Stone Texture



ShadowTexture



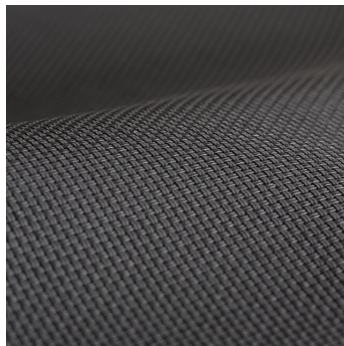
Granite



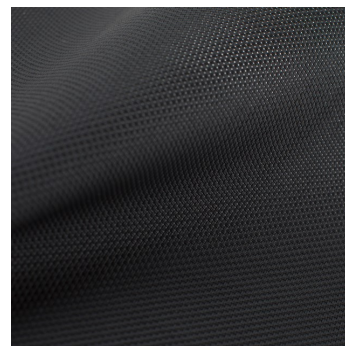
Expresso Texture



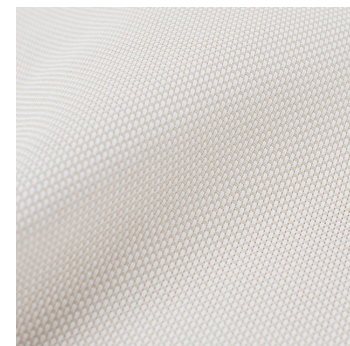
Tobacco



Charcoal



Flat Black



Bone

TEXTILENE® nano™ 95 is a durable, yet lightweight synthetic fabric. It is lighter and finer with the same technical qualities as the original TEXTILENE®. TEXTILENE® nano™95 is excellent for exterior use and can reduce energy costs while blocking up to 95% of the sun's harmful rays.





# MOTORIZATION

POWERED by  
**somfy**



Awnings



Exterior Screens



Pergolas

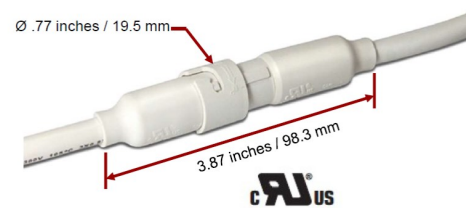


Roller/Solar Shades

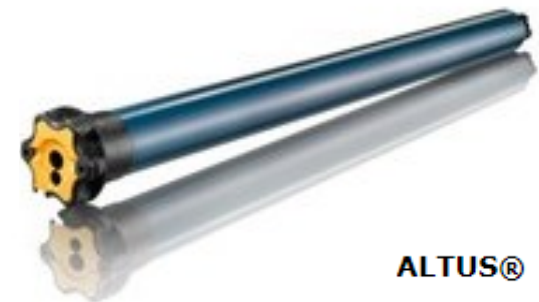
Sunair is proud to offer the full line of Somfy motors and controls for our awnings and screens program. SOMFY RTS features motors with an integrated radio receiver that allows you to operate the awning by remote control with a wall mounted or hand held remote or by smart phone device. With a simple click of your remote, the awning or shade will extend or retract automatically. The manual override Sunea motor is ideal for awnings and the Altus motors is ideal for exterior screens. Each motor can be configured with a cord & plug which can simply be plugged into your patio outlet. They are available in 1.4", 11', 17', & 23' lengths. Altus motor cords depend on motor model and is standard either 6' or 10' pigtail cords. Optional Altus plug in cords are available in 10', 18', and 24' lengths. Optional screen motor is Maestria with obstacle detection. Add Tahoma smart phone and table interface.



**SUNEA™ CMO**



**Sunea quick connect**



**ALTUS®**

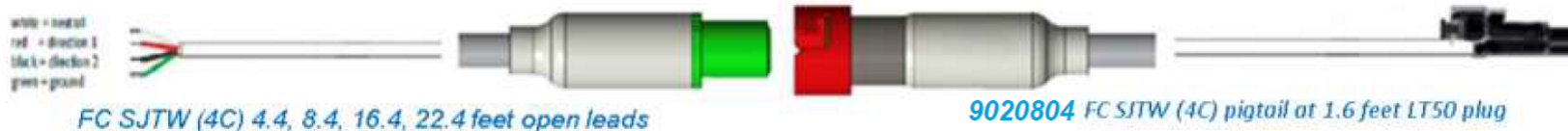
# Twist & Lock Fast Connector Solution for 500 Series Motors

*Available 500 Series Motor cable options Q4 2019*

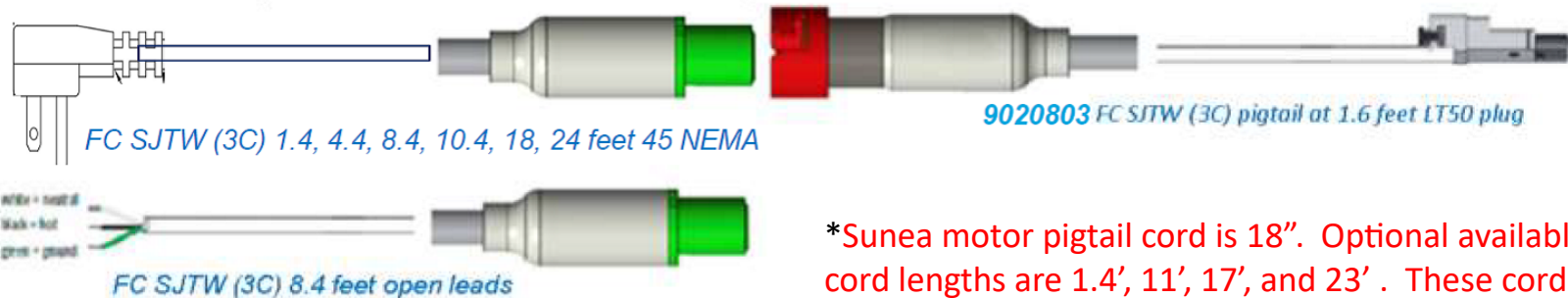
- Optional LT50 pigtails :
  - 1.6FT SJTW pigtail with LT50 plug on one end & FC on the other
    - 4 conductor version for Wired motors
    - 3 conductor version for RTS & SDN motors
- Optional extensions in various lengths for both 4 & 3 conductor cables.
  - same extensions for all AC motors - Sunea, Dia. 40 & 50 ranges
  - interior & exterior rated
  - simplify our offer and standardize going forward with the possibility to totally eliminate the Anderson connector

SUNEA CORDS\*

- Version 4 Conductors (for WT motors – mechanical LSUs)



- Version 3 Conductors (for RTS & SDN motors – electronics LSUs)



\*Sunea motor pigtail cord is 18". Optional available plug cord lengths are 1.4', 11', 17', and 23'. These cords come with a molded plug that can be plugged into an outlet.

# SOMFY REMOTES:



Situo 1 & 4 hand held remotes

One (1) through (16) channel hand held or wall mounted remotes are available. Remotes are available in different colors to suit your style, please inquire.



Situo hand-held remotes offer convenient and simple operation of every type of motorized application. Channels help organize the motorized products that are operated. Single channel remotes can operate one individual product or one group of motorized products. Multiple channel remotes can handle groups of motorized products.



Telis 1 Chronis  
RTS Timer



DecoFlex WireFree™ RTS  
Wall Switches



Telis 1 Patio for  
exterior use



Smooove® 1 RTS  
Surface Mount Wall Switch



Telis 16 RTS  
Hand-held Remote



# AVAILABLE SOMFY AUTOMATIC SENSORS & CONTROLS



**SOLIRIS RTS 24V KIT**

## **Sun & Wind Sensor**

The Soliris RTS Sun and Wind Sensor automatically controls your RTS motorized products based on current weather conditions.



**ONDEIS® WIREFREE**

## **Sun & Rain Sensor**

The Rain Sensor is a solar-powered combined rain and sun sensor compatible with Radio Technology Somfy® motorized exterior products, including awnings and screens.



**Sunis & ThermoSunis  
Indoor WireFree™ RTS Sensors**



# SOMFY MOTOR WIRING



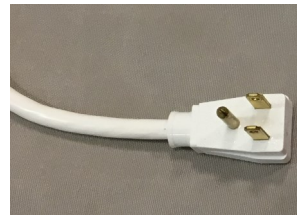
**Radio Technology Somfy**

Radio Technology Somfy® (RTS) allows wireless radio control of motorized applications via the RTS family of controls.



The three (3) wire cords can be wired in parallel and can be ordered with a molded plug to simply plug into an exterior UL approved GFI outlet. The standard four (4) wire cords must be hard wired with a traditional toggle wall switch. Screens can not be ordered with molded plugs on the end.

**Optional molded plug is available for "awning" motors only**



## Type of power cable

**RTS plug in capable motor cord**

**RTS**  
120V AC / 60Hz  
3 conductor cable



white = neutral  
black = hot  
green = ground

## All Somfy Motors are UL and CSA Recognized

- All SOMFY motors are UL Recognized and can be found under the following file numbers:

E60495, E60888, E63714

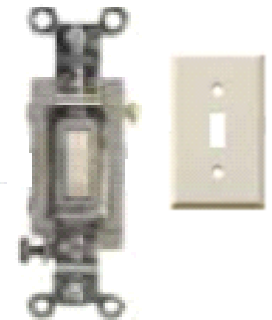
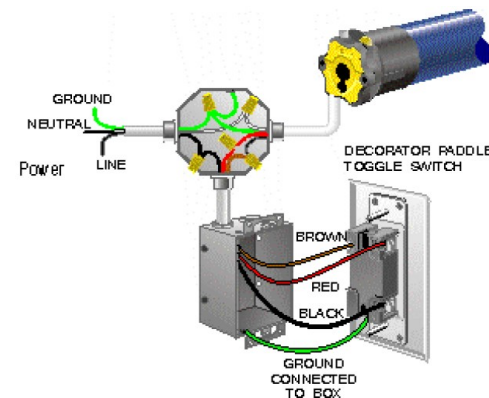


**Wired**  
120V AC / 60Hz  
4 conductor cable

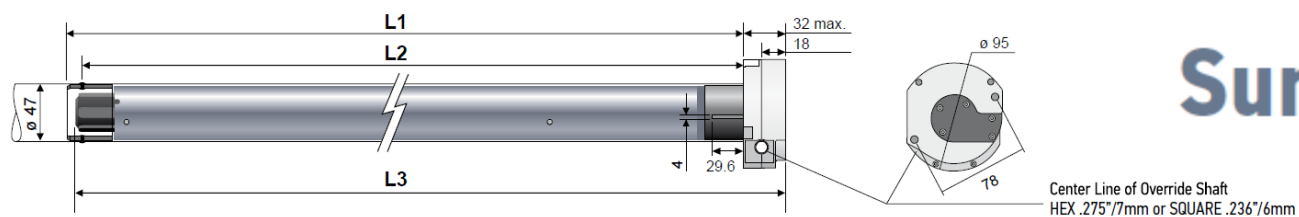


white = neutral  
red = direction 1  
black = direction 2  
green = ground

**Hardwired motors with a wall switch**



## Dimensions



## Sunea® RTS CMO



### 525A2 CMO

25 Nm

120V / 60HZ

1.6A

20 rpm

### 535A2 CMO

35 Nm

120V / 60HZ

2.1A

20 rpm

### 550R2 CMO

50 Nm

120V / 60HZ

2.1A

14 rpm

### 660

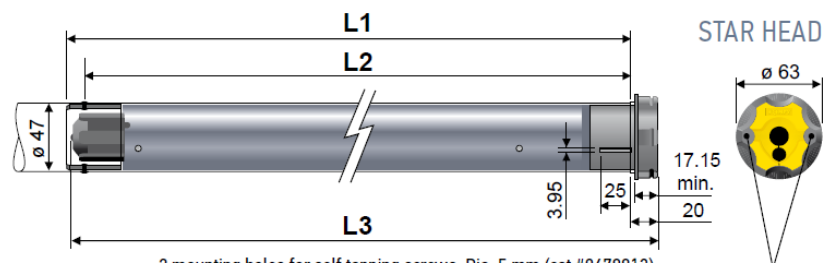
60 Nm (530 in. lbs.)

120V / 60Hz

2.5A

14 rpm

## Dimensions



2 mounting holes for self tapping screws. Dia. 5 mm (cat #9670013).  
Depth 13 mm spaced 1.89\"/>

POWERED by  
**somfy.**

## LT50 Altus® RTS



### 506

6 Nm

120V / 60HZ

1.1A

38 rpm

### 510

10 Nm

120V / 60HZ

1.3A

38 rpm

### 525

25 Nm

120V / 60HZ

1.6A

20 rpm

### 535

35 Nm

120V / 60HZ

2.1A

20 rpm

### 550

50 Nm

120V / 60HZ

2.1A

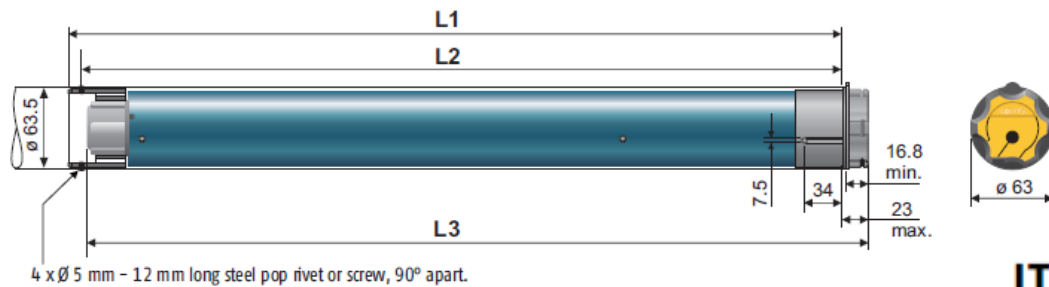
14 rpm

POWERED by  
**somfy.**





## LT60 Altus RTS



POWERED by  
**somfy**

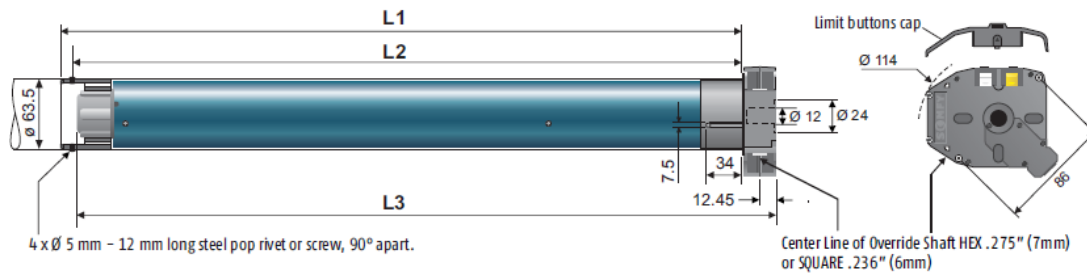
### Performances 660R2

Torque (in. lbs.)	60 Nm (530 in. lbs.)
Nominal Voltage	120V/60Hz
Rated Current	2.5A
Speed	14 rpm
Thermal Protection	4 minutes
Radio Frequency	433.42 MHz
Sound Level	≤ 63 dBA

## LT60 Standard

### Performances 660R2

Torque (in. lbs.)	60 Nm (530 in. lbs.)
Nominal Voltage	120V/60Hz
Rated Current	2.5A
Speed	14 rpm
Thermal Protection	5 minutes
Sound Level	≤ 63 dBA



POWERED by  
**somfy**

## LT60 CM0 Standard

### Performances 660R2

Torque (in. lbs.)	60 Nm (530 in. lbs.)
Nominal Voltage	120V/60Hz
Rated Current	2.5A
Speed	14 rpm
Thermal Protection	5 minutes
Sound Level	≤ 63 dBA

# SUNAIR® / Simu 50 Nm RTS CMO AWNING MOTOR

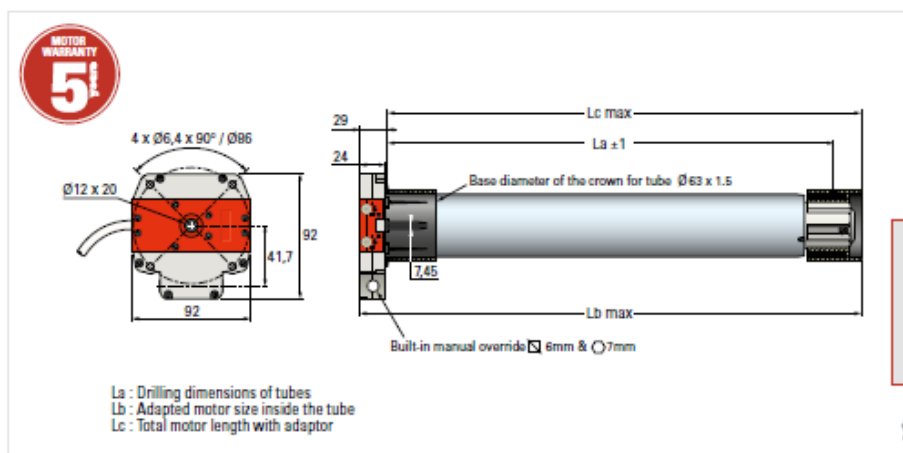


We offer a “Sunair/Simu motor with our Sunair® & Sunstar® awning model awnings which is more economical. This motor is a 50 Nm radio RTS motor and is available on the above two models only. Maximum width using this motor is 28 ft. wide. This motor kit includes an 18’ plug in cord and a one channel hand held remote. All Somfy remotes and electronic controls are compatible and can be added.

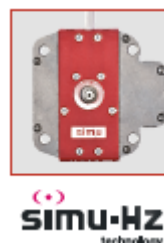
TORQUE	SPEED	POWER	CURRENT
50 Nm	12 rpm	250 W	2,1 A



# SIMU 60Nm 660 RTS CMO MOTOR



TORQUE	SPEED	POWER	CURRENT
60 Nm	14 rpm	285 W	2,5 A



This motor is a 60 Nm Manual Override radio RTS motor. Used on Sunair Model awnings above 28 ft wide. This motor kit includes an 18’ plug in cord. Remote is additional and not included in kit. All Somfy remotes and electronic controls are compatible and can be added.

# MAESTRIA 25Nm OSTACLE

## DETECTION EXTERIOR SCREEN MOTOR



The **SOMFY Maestria 25Nm obstacle detection motor** is the recommended motor to be used for all zipper screens. These motors accurately detects obstacles, stopping after meeting an object traveling up or down. Protects carrier products and prevents fabric damage resulting from screen bunching and slipping from the guides. The motor senses and distinguishes between an actual obstacle and wind, even wind gusts, so it doesn't stop unnecessarily, resulting in fewer service calls and end user peace of mind.



### Obstacle detection\*

Accurately detects obstacles, stopping after meeting an object traveling up or down.

Protects carrier products and prevents fabric damage resulting from screen bunching and slipping from the guides.

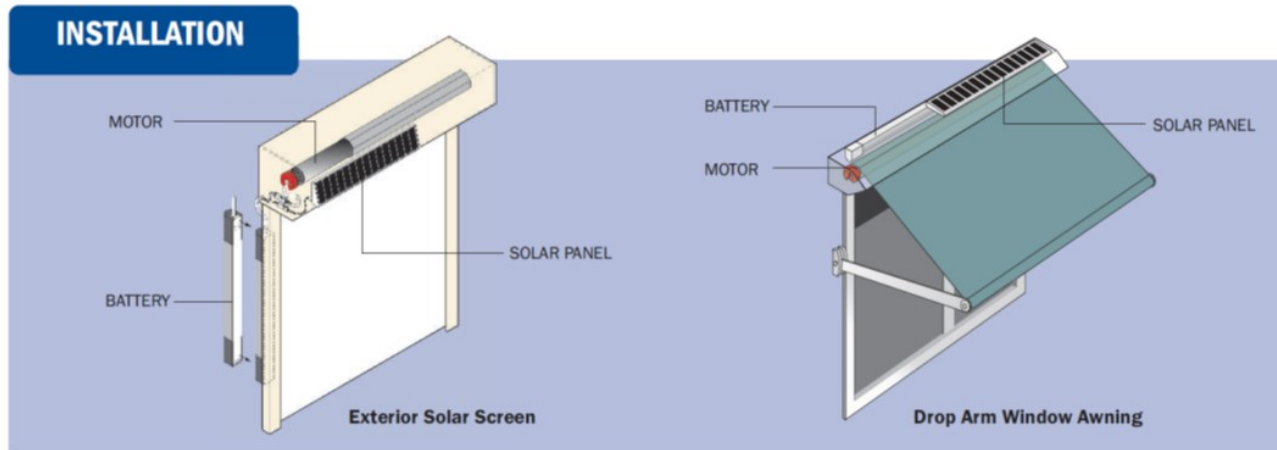
Distinguishes between an actual obstacle and wind, even wind gusts, so it doesn't stop unnecessarily, resulting in fewer service calls and end user peace of mind.

### Back release

Releases the motor brake after detecting the obstacle preventing fabric damage.



# Autosun solar powered motor for small awnings & screens



The Simu solar powered motor can be utilized with smaller sized exterior solar screens and our small Combi window awnings. This motor is available for the following screen models SC2200 and SC4000 cabled screens. Small SC2200 and SC4500 zipper screens up to 10' w x 10' high. The motor is also available for the Combi window awnings (Please see your Sunair dealer for options and limitations). This battery powered motor does not require a hardwiring or an electrician. The motor kit comes with a solar panel and can be ordered optional with a rechargeable battery pack. You must add a hand held remote to operate.



# GAPOSA RADIO MOTORS EXTERIOR AWNINGS & SCREENS



Optional: Wind sensor ( Awnings Only)



Single

Channel remote



Five / 5

Channel remote

**SENSE 30Nm** radio motor can be used for all exterior screens and retractable awnings up to 20 ft wide.

**SENSE 50Nm** radio motor can be used for all exterior screens and retractable awnings up to 28 ft wide.

- 110 volts
- Non manual override
- Standard 8 ft cord
- Obstacle detection sensor
- Awnings: 16' & 32' Plug in cord available



# SOLAR RADIO MOTORS EXTERIOR AWNINGS & SCREENS



Optional: Wind sensor ( Awnings Only)



Single

Channel remote



Five / 5

Channel remote

**AUTONOMY 30Nm 12 volt:** radio motor can be used for all exterior screens and retractable awnings up to 20 ft wide.

**Autonomy 50Nm 18volt:** radio motor can be used for all exterior screens and retractable awnings up to 28 ft wide.

- 12 & 18 volts
- Non manual override
- Standard 8 ft cord
- Optional : 10' extension cord available
- Charger required for initial installation



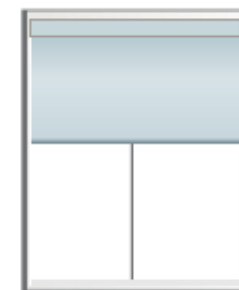


# SONESSE® 30 WIREFREE (LI-ION) RTS

POWERED by  
**somfy**



**SOMFY / Battery operated rechargeable motor  
for interior roller shades (Ultra Quiet).**



Roller/Solar Shades

## Interior Roller Shade Size:

**Max 10 ft. wide x 8 ft High**

**Minimum width 28" with motor**

## Specifications

Voltage	12V DC
Torque	2 Nm
Sound Level	44 dBA
Speed	10-28 rpm adjustable
Low Battery Indicator	LED
Radio Frequency for RTS	433.42 MHZ

- Designed to perform quietly to enhance end-user experience.
- Built-in rechargeable lithium-ion battery minimizes maintenance and need to install and replace batteries.
- Great for interior roller shade applications ranging from small to larger window treatments.
- Ideal for areas where wiring is a challenge.
- Flexible speed and tilt power adjustments for optimal customization.
- Compatible with all Somfy remotes, My link, and Alexa Integration.



Somfy  
DESIGNED FOR  
SILENCE



## Somfy TaHoma® RTS Smartphone and Tablet Interface

The Somfy TaHoma® gateway and smart phone app provides convenient and customized control of Somfy powered motorized shades, blinds, and other motorized solutions. Control up to 40 RTS (Radio Technology Somfy) channels using the TaHoma app. Multiple TaHoma devices can be joined for multi-zone control.



- North America app, you can remotely activate both Zigbee and RTS products Supports UP/DOWN/MY/STOP commands for motorized shades/blinds .
- Supports incremental control for Tilt motors and lighting ? Supports ON/OFF commands for control of lighting or other devices powered via the Zigbee Smart Plug Multiple users .
- Remote access Control4® Certified ? Integration with third-party systems over IP ? Compatible with Somfy Synergy™ API



TaHoma® RTS



## Bond Home / Smartphone and Tablet Interface

Bond Bridge and Bond Bridge Pro works as a bridge between Wi-Fi and your remotes recorded signal allowing you to operate your Sunair shades, awnings, pergolas, ceiling fans, fireplaces and more with the Bond app. Works with Somfy, Gaposa, and other motor manufacturers.



### Bond Bridge

- Works with Alexa, Google Home, and SmartThings,
- Remote Control via Bond Home app
- Works with iPhone or Android
- No installation needed
- Smart home functionality without breaking the bank

### Bond Bridge Pro: **Added features...**

- Ethernet port & PoE technology
- Smart home integrations
- Ceiling and wall mount

### Remote control from anywhere

Be able to control everything even from outside your home.



### OPTIONAL:

- Sidekick for Shades: 5-channel Shade and awning



# BOND REMOTE SWITCH:

## Sidekick for Shades/Awnings: 5-channel Shade Keypad



- Wireless flush mount shade remote.
- Communicates directly with the shade.
- 10-year battery life.
- Set up shade limits – no manufacturer remote required.
- This version of Sidekick does not support Scene Keypad functionality.
- 10-year battery life.
- Install with or without a workbox (flush mount).
- 5-channel control.
- Set up shade limits – no manufacturer remote required.



# Notes



***SUNPROOFING AMERICA!***



**MARYLAND LOCATION**

**Mailing: P.O. Box 1068**

**Shipping: 7785 Rt. 175**

**Jessup, MD 20794**



**ARIZONA LOCATION**

**Mailing: Same as Jessup**

**Shipping: 3807 West Thomas Rd.**

**Phoenix, AZ 85017**

**Toll Free 800 - 548 - 0408**  
**410 - 799 - 1145**  
**Phone: 410 - 799 - 5584**

**877 - 272 - 3920**  
**Toll Free 602 - 272 - 3920**  
**Phone:**

**[www.sunairawnings.com](http://www.sunairawnings.com)**

**[info@sunairawnings.com](mailto:info@sunairawnings.com)**

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