

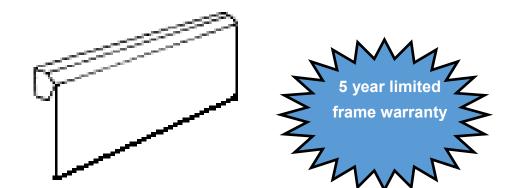
SC2500 MASTERSHADE®

Exterior Rolling Screen / Open Roll

The SC2500 open roll screen is available standard with cables or tracks, and optional with zipper tracks. The SC2500 is operated with standard with a manual 7:1 ratio gear and hand crank or an optional motor. The standard tracks are SC3000 series tracks. The zipper version uses our standard 2500 zip tracks for face mounting. Side mounted tracks, utilizes the SC4500 tracks.

Туре	Standard Frame Colors	Standard Widths	Standard Heights	Recommended Applications	Recommended Fabrics
Screen Exterior Retractable	9 standard Sunair colors	Through 20' Wider with split	Through 16' Depending on Fabric type	Residential & Commercial Windows,	Various Mesh & Acrylic Fabrics

- Open roller type screen with optional hood.
- Standard track, Zipper track, or Cables to fit virtually all installation types.
- Available with mesh, acrylic fabric, or solid vinyl fabric & windows.
- Manual operation with gear standard.
- Motorized with remote control available.



Revised 02/15/2023

SC2500 Mastershade® Installations







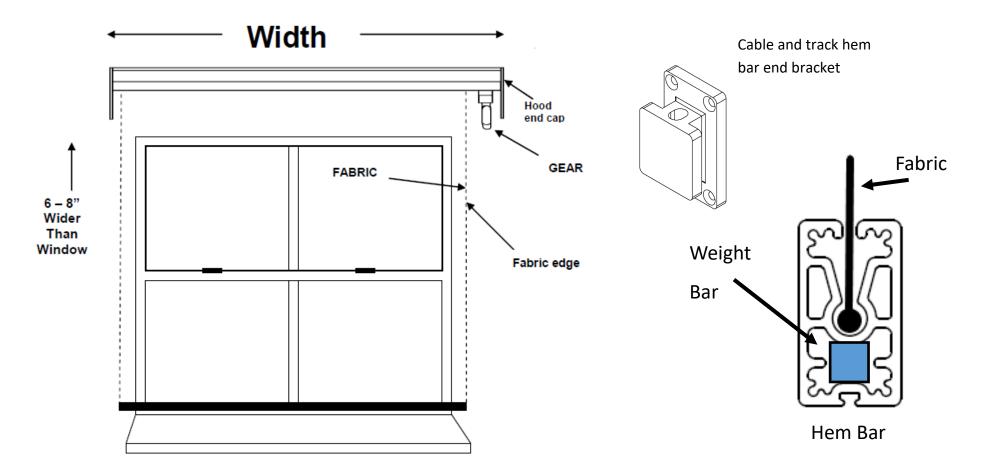






MEASURING SC2500 Maxi Screen :

<u>WIDTH:</u> The width ordered is the measurement from one end of the bracket to the other end of bracket. If using standard track (SC3000 track) or guide cables, they will also be flush with the end of the Maxi bracket. The SC3000 standard track for the Maxi screen is 1 1/8" wide on each side of the unit. The zipper track used depends whether you are surface mounting or side wall mounting with "U" channels. The SC2503 standard zipper track can be either surface mounted or side wall mounted. In either case, the side track walls will be even with the outside edge of the Maxi bracket AU106. If mounting between columns and you want to utilize the "U" Channel, you must instead use the SC4500 standard tracks to fit in the U channel. Sunair will adjust the size of the fabric during production if using U channels and SC4500 track. Without this adjustment during production, you cannot add U channels later if standard SC2503 track was used. Regardless if your tracks or cables have to be installed at a certain predetermined position and adjust your width accordingly. You may have to verify that the bracket can be installed and bolted to the wall properly with sufficient support behind the wall. Make sure you take into account that the actual fabric width is always 3" - 4" less than the screen width ordered (See illustration below) and the optional hood is always 1" longer than the unit width if ordered.



HEIGHT:

When measuring the height of the shade take the view from the window into consideration. When the drop curtain is retracted or extended down, the view should not be obstructed by the roller tube or hem bar. The roller assembly should be above the window and the hem bar should be below. Add 5" for the roller assembly and 2" for the Hem bar to the height of the window or opening if possible. This dimension becomes the height you order.

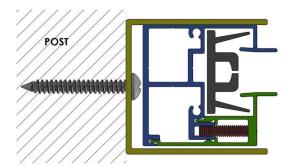
TRACK WIDTHS:

SC2500 Standard track is 1 1/8" wide on each side (See SC3000 technical data). Standard SC2503 wall zipper track is 2" wide on each side (see below).

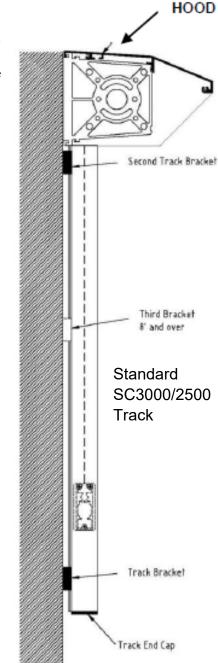
SC4500 Track w/ U channel is approx. 2 3/8" - 2 ¹/₂"wide on each side / Together.

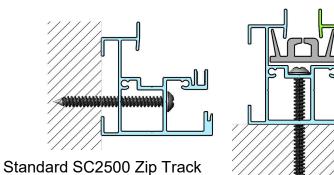


Standard SC2500 Zip Track



Standard SC4500 Zip Track with "U" Channels for uneven side wall mounting





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

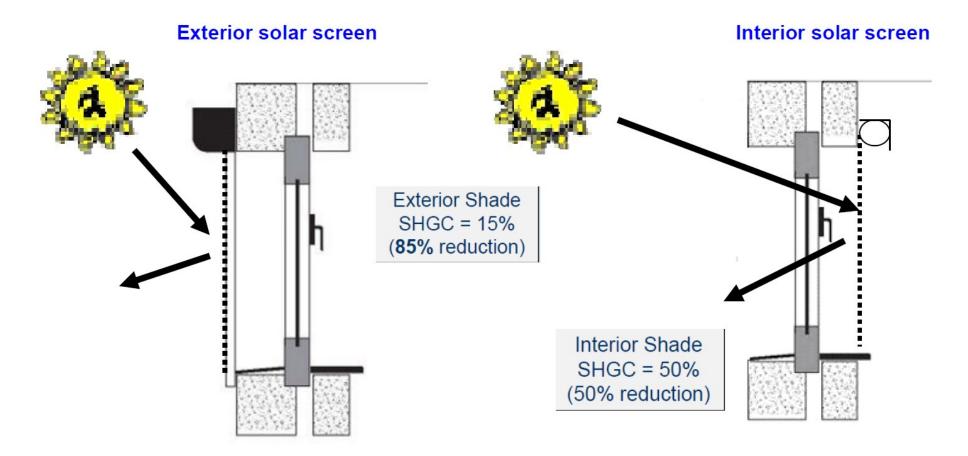


Screen partially down showing glare



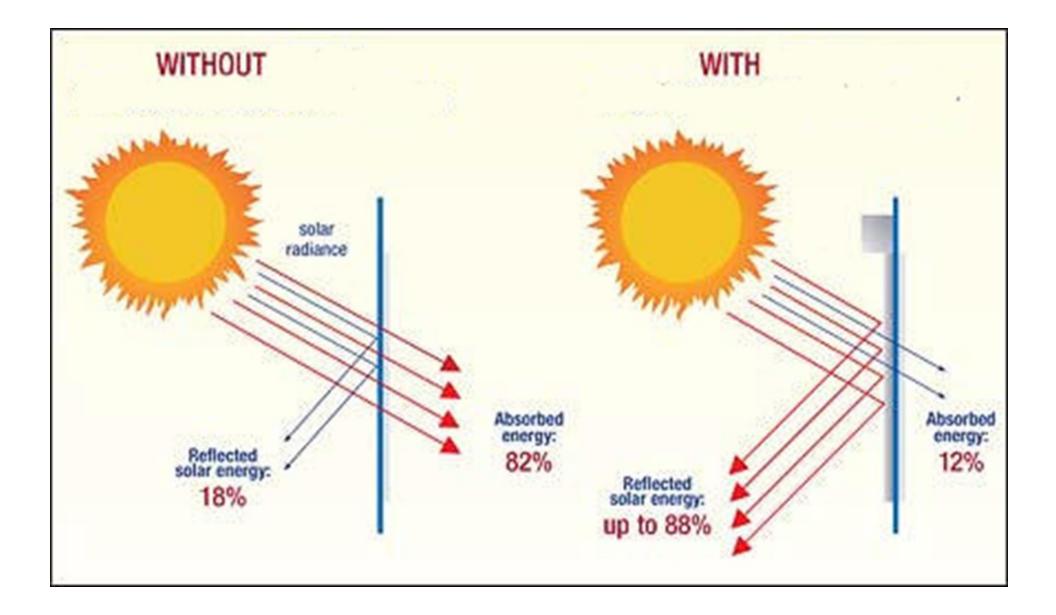
Screen fully down and no glare

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:



BENEFITS OF ZIPPER SCREENS WITH MESH



- Creates an instant screened in porch with the ability to revert to a full open porch when desired.
- Zipper fabric retention will keep pesky bugs at bay when using a closed mesh fabric.
- Reduces patio temperatures and keeps your space cooler.
- 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.







BENEFITS OF ZIPPER SCREENS WITH WINDOWS



- Great for residential and commercial spaces like restaurants.
- Creates an instant enclosed space by lowering the shades.
- Keeps moderate weather at bay by keeping rain and moderate winds from reaching the space.
- Adding heaters will heat the space and make it usable during cooler months.







FRAME COLORS (STANDARD)

Screens*

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



NOTE: All these 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





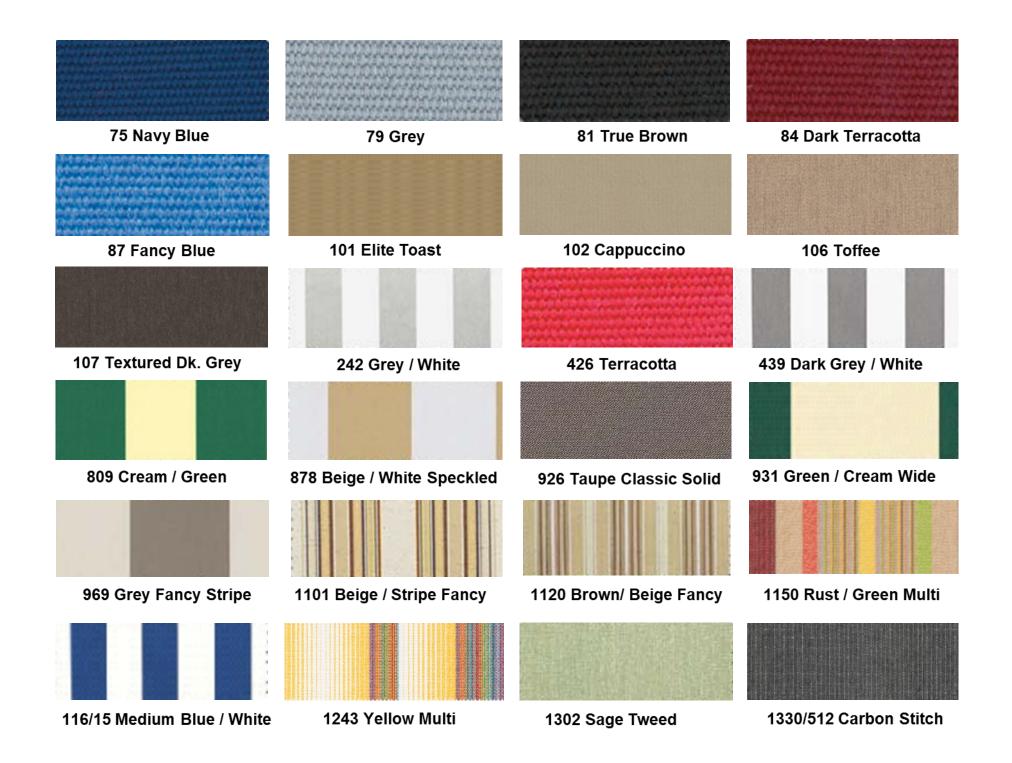
ACRYLIC FABRIC COLLECTION

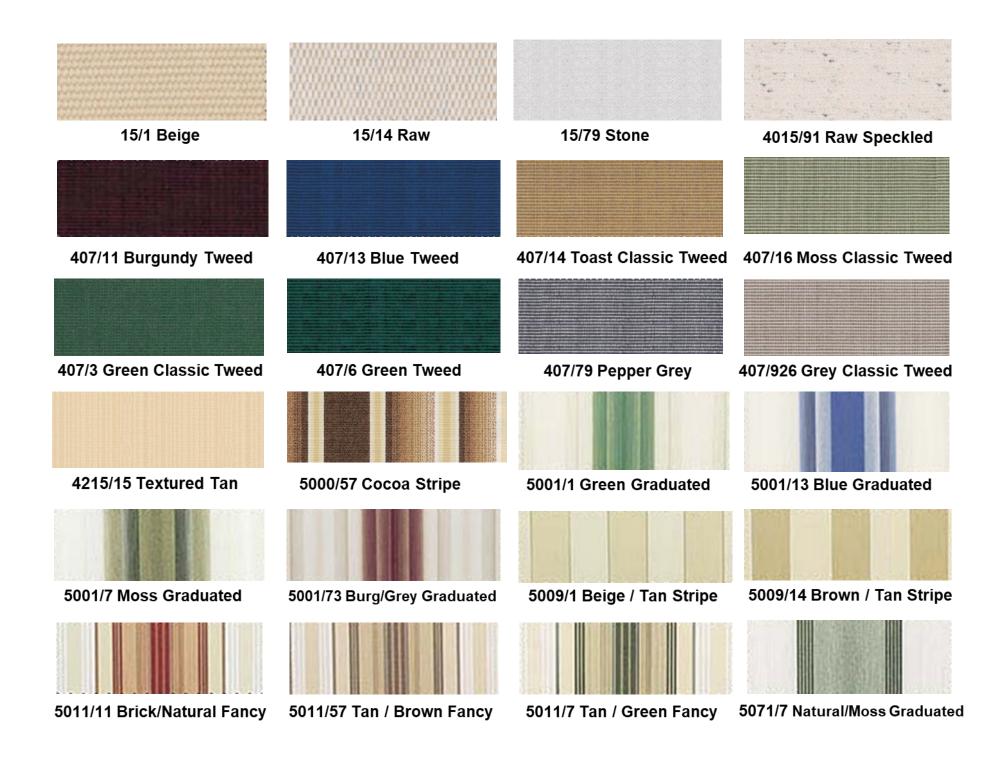


Fabric covers sewn with Tenara thread.





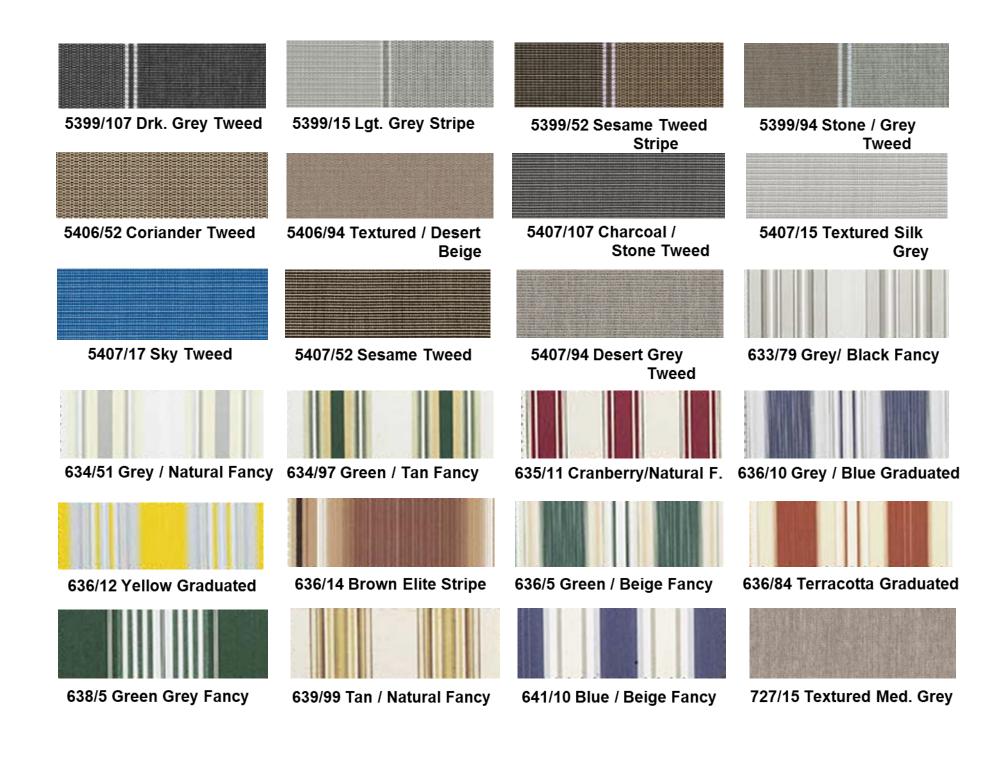






Graduated

5398/930 Dune / Browi Striped





Grey

bie

SOLIDS · TWEEDS · BLOCK STRIPES · FANCY STRIPES · GRADUATED STRIPES

5	Forest Green	4
7	Moss Green	4
8	Medium Green	-
11	Red	
12	Yellow	4
13	Ocean Blue	40
14	Toast	42
15	White	50
24	Black	5
33	Forest Green/White	50
35	Red/White	5
37	Yellow/White	50
47	Brown/Stone	5
52	Tan	50
53	Pale Peach	50
73	Burgundy	50
75	Navy Blue	5
79	Grey	5
81	True Brown	50
84	Dark Terracotta	51
87	Fancy Blue	51
101	Elite Toast	51
102	Cappuccino	5
106	Toffee	5
107	Textured Dark Grey	51
242	Grey/White	53
426	Terracotta	53
439	Dark Grey/White	53
809	Cream/Green	53
878	Beige/White Speckled	53
926	Taupe Classic Solid	534
931	Green/Cream Wide	534
969	Grey Fancy Stripe	
1101	Beige/Stripe Fancy	
1120	Brown/Beige Fancy	537
1150	Rust/Green Multi	
116/15	Medium Blue/White	53
1243	Yellow Multi	539
1302	Sage Tweed	53
1330/512	Carbon Stitch	53
15/1	Beige	539
15/14	Raw	539
15/79	Stone	539
4015/91	Raw Speckled	53
407/11	Burgundy Tweed	53
407/13	Blue Tweed	53

407/14	Toast Classic Tweed
407/16	Moss Classic Tweed
407/3	Green Classic Tweed
407/6	Green Tweed
407/79	Pepper Grey
07/926	Grey Classic Tweed
215/15	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
500 <i>5/</i> 14 5011/11	Brick/Natural Fancy
5011/57	Tan/Brown Fancy
	Tan/Green Fancy
5011/7	Natural/Moss Graduated
5071/7	
072/86	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/Grey Stripe
5347/58	Grey/Wheat Multi
5347/79	Platinum Grey Multi
5348/58	Beige/Wheat Multi
5348/79	Grey/Slate Multi
849/106	Brown/Cream Stripe
849/930	Beige/Brown Classic
5369	Charcoal/Brown
5370	Beige/Grey
371/727	Grey/Black Stripe
5374	Smoke/Grey Stripe
5396/78	Green Tweed Stripe
896/930	Hazelnut Stripe
5396/97	Charcoal Tweed Stripe
5397/97	Grey/Black Graduated
898/107	Carbon Blue Blend
898/930	Dune/Brown Stripe
899/107	Dark Grey Tweed
5399/15	Light Grey Stripe
5399/52	Sesame Tweed Stripe
5399/94	Stone/Grey Tweed
	-

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
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
769/75	Cream/Blue 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
97/84	Plum
986/106	Textured Beige
986/15	Textured Light Grey
986/727	Textured Pebble Grey
	-





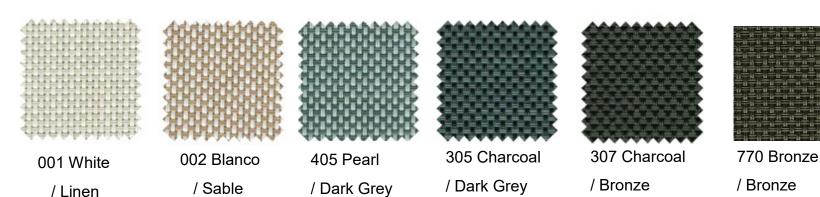
RecScreen 5000P



Specifications

Composition: 15% Polyester, 85% Vinyl Syle: Basket Weave Mesh Weight: 14,75 (oz/yd2) Openness Factor: 5.5 % 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

300 Charcoal / Charcoal





RecScreen



Specifications

Composition: 18% Polyester, 82% Vinyl Syle: Twill Mesh Weight: 17,8 (oz/yd²) 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 for full warranty. Bacteria and Fungal Resistance: AATCC Test Method 100-2004

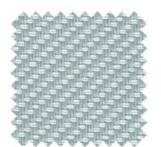
300 Charcoal / Charcoal



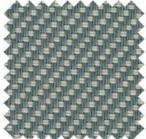
001 White / Linen



002 White / Sable



004 White / Pearl Grey



502 Dark Gray / Sable



503 Dark Gray / Charcoal



307Charcoal

/ Bronze



Exterior Screen Fabric



Outdoor Screen Fabric. 42% Fiberglass 58% vinyl

3%, 5%, & 10%

Charcoal/Cocoa

930992 Charcoal/Garnet

901901 Grey/Grey

910902

910988

901910 Grey/Sable 30M687

Charcoal/ Cocoa-Fawn

930961

Sable/Wood

Sable/White

10M127 Sable/Sable-Fog

901930 Grey/Charcoal

30M394 Charcoal/ Charcoal-Navy

930993 Charcoal/Forest

930930 Charcoal/ Charcoal



30M394 | Charcoal/Charcoal-Navy 1% 5%

30M394 | Charcoal/Charcoal-Navy



Exterior Screen Fabric



Outdoor Screen Fabric. 42% Fiberglass 58% vinyl

1% & 5%

Charcoal/ Charcoal-Grey

Charcoal/Charcoal

Charcoal/Garnet



Soltis Horizon 86



14 % Open Screen Mesh

Exterior Screen Fabric

5 year warranty from Ferrari



Exterior Screen Fabric TEXTILE NONO[™]9 BRAND FABRIC 5 % Open Screen Mesh ShadowTexture Granite **Expresso** Texture White Stone Texture Flat Black Bone Tobacco Charcoal

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.



502 PROOF SOLTIS / OPAQUE SATINE FINISH COLORS

The Precontraint 502 fabric from Ferrari also offers excellent dimensional stability with minimal stretching and exceptional dirt resistance thanks to a PVDF topcoat on both sides. The fabric is therefore perfect for use on retractable zipper screens with window film. The fabric is 16.8 oz / sq. yd. with a satin finish. Fabrics are fire retardant / certificate is available upon request.



satin finish 5 year warranty from Ferrari





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.



SOMFY REMOTES:



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

<u>please inquire.</u>



Telis 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.



AVAILABLE 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



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.



RTS

Radio Technology Somfy

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

Type of power cable RTS

RTS plug in capable motor cord

white = neutral

Optional molded plug is available for "awning" motors only



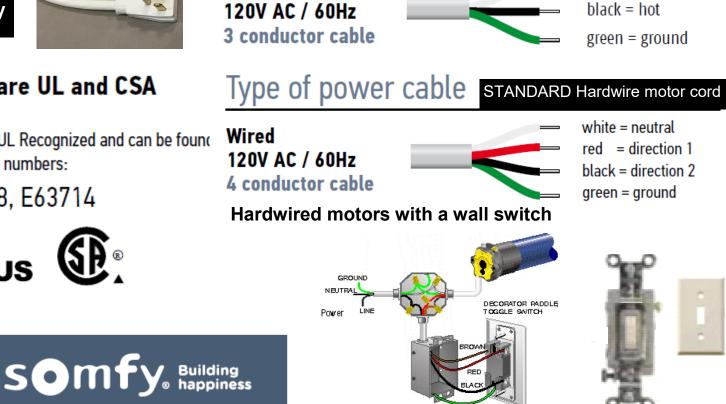
All Somfy Motors are UL and CSA Recognized

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

E60495, E60888, E63714



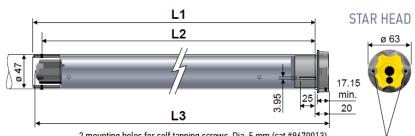




GROUND CONNECTED TO BOX

SOmfy LT50 Altus[®] RTS

Dimensions



2 mounting holes for self tapping screws. Dia. 5 mm (cat #9670013). Depth 13 mm spaced 1.89" (48 mm) apart.



506	510	525	535	550
6 Nm	10 Nm	25 Nm	35 Nm	50 Nm
120V / 60HZ				
1.1A	1.3A	1.6A	2.1A	2.1A
38 rpm	38 rpm	20 rpm	20 rpm	14 rpm

MAESTRIA OSTACLE

DETECTION EXTERIOR SCREEN MOTOR



Tel an

The

SOMFY <u>Maestria obstacle detection motor</u> 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*

POWERED by

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.

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 I 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 and other motor manufacturers.



Remote control from anywhere

Be able to control everything even from outside your home.

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

OPTIONAL:

• <u>Sidekick for Shades</u>: 5-channel Shade and awning

BOND REMOTE SWITCH:

Sidekick for Shades/Awnings: 5-channel Shade Keypad



o bond

- 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

Note: Sunair[®] reserves the right to change engineering, specifications and prices without notice. Images and Illustrations in the catalog may vary from digital and printed manuals.





SUNPROOFING AMERICA!



MARYLAND LOCATION

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

www.sunairawnings.com

ARIZONA LOCATION

Mailing: <u>Same as Jessup</u> Shipping: 3807 West Thomas Rd. Phoenix, AZ 85017

Toll Free	877 - 272 - 3920
Phone:	602 - 272 - 3920
Fax:	602 - 272 - 3925

info@sunairawnings.com