



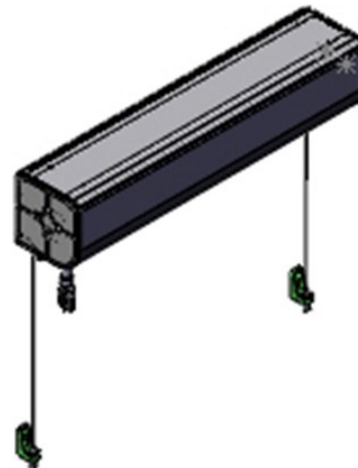
SC4000 MASTERSHADE®

Exterior Rolling Screen / Large Cassette

The SC4000 Mastershade® is an exterior rolling screen available with standard cable guides or with the optional magnetic lock and cable guide system. A specially designed horizontal weighted hem bar is used for each version. With the added optional magnetic lock device attached at each end, the magnetic base brackets keeping the entire fabric taut when the screen is lowered. The SC4000 utilizes a fully extruded aluminum cassette which is approximately 5 1/4" high x 5 3/16" deep.

Type	Standard Frame Colors	Standard Widths	Standard Heights	Recommended Applications	Recommended Fabrics
Screen Exterior Retractable	9 standard Sunair colors	Through 20' wide Depending on height Fabric and Type	Through 14' high Depending on width, Fabric & Type	Residential & Commercial Windows	Various Mesh & Acrylic Fabrics

- Larger standard box screen.
- Available with standard cables or magnetic locks.
- Gear or Motorized operation.
- Cassette bolts to ceiling or wall without brackets.



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

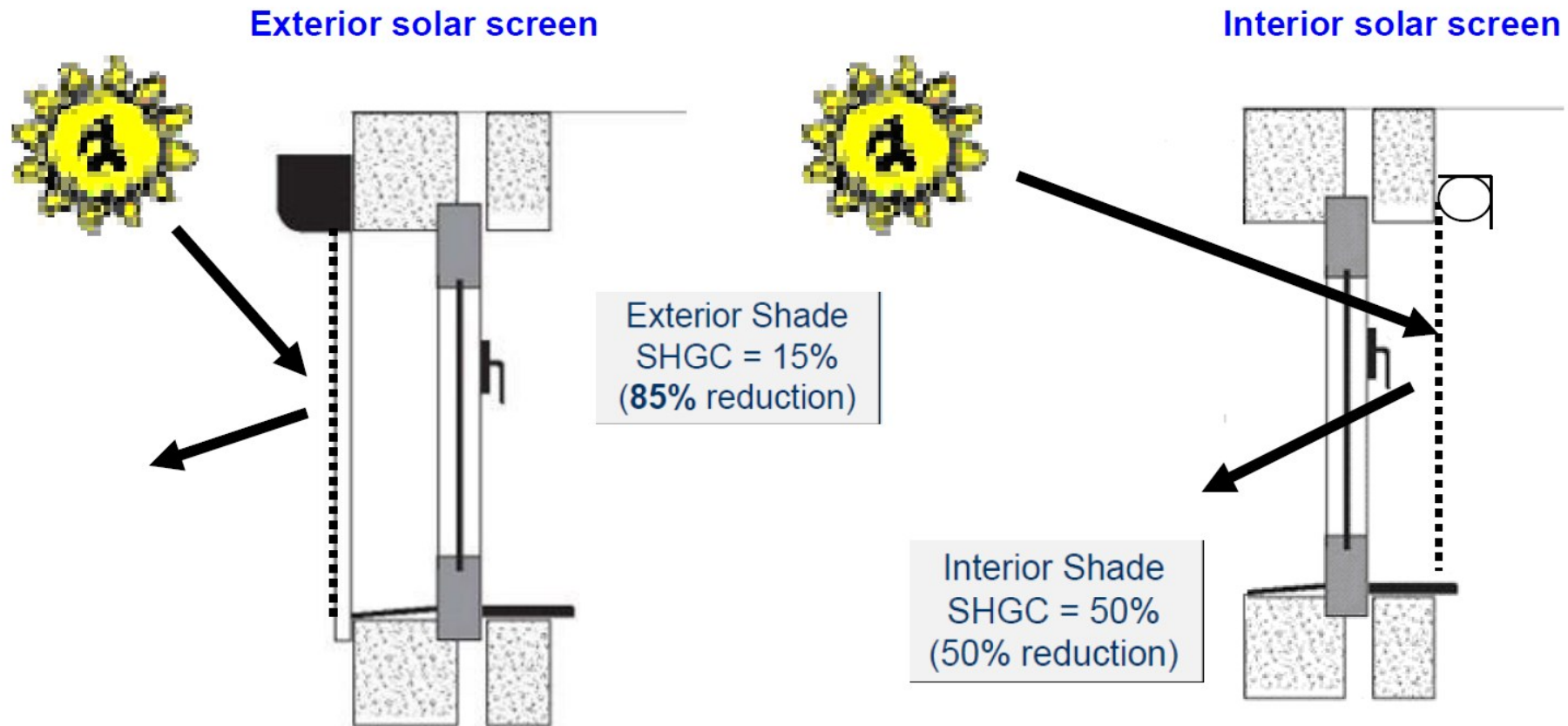


Screen partially down showing glare



Screen fully down and no glare

BENEFITS OF SOLAR SCREENS cont:

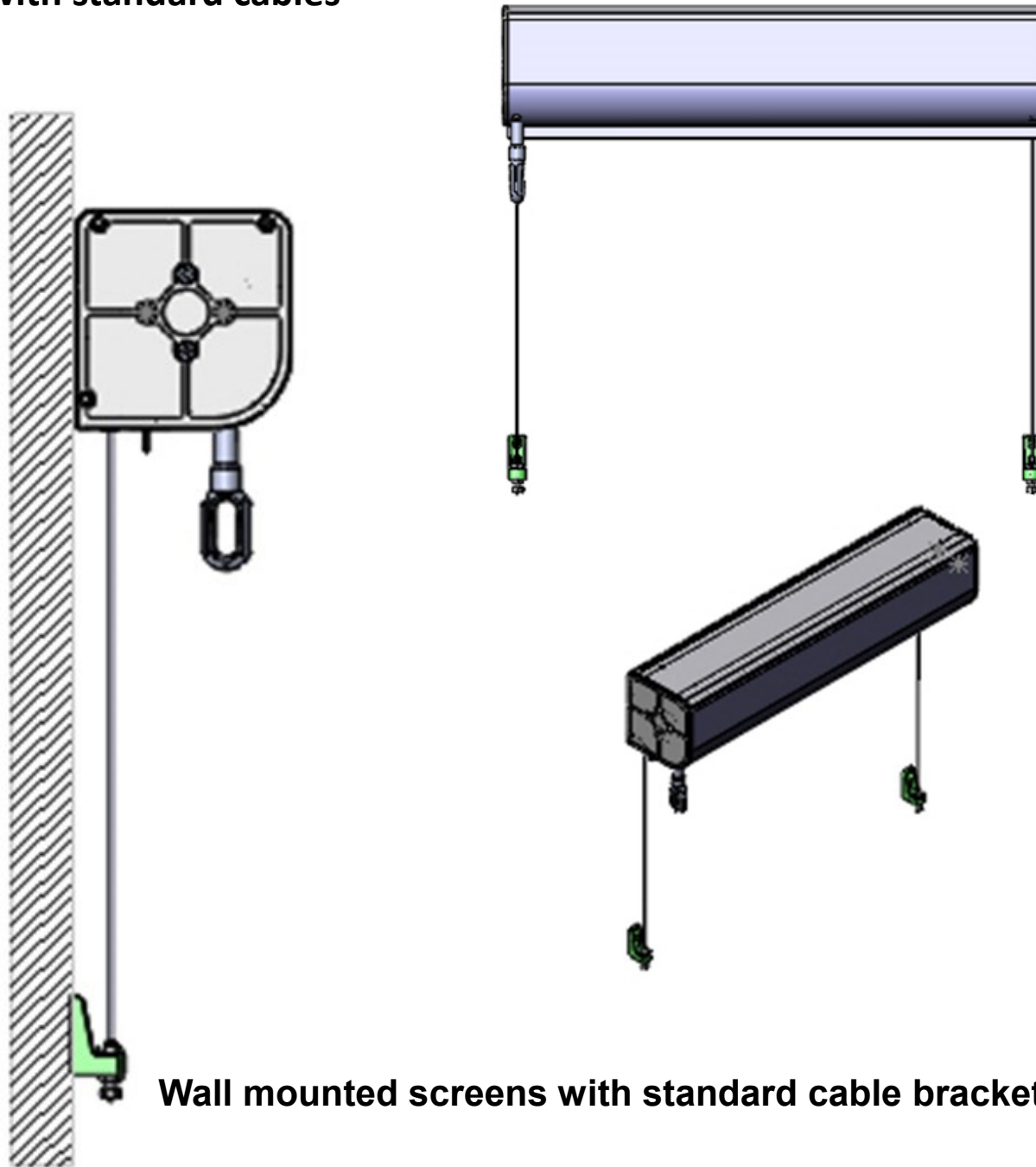


Solar screens can be installed both on the exterior and interior applications of residential and commercial spaces. The benefit with exterior solar screens is that the fabric blocks the sun before it enters the home or space through the glass. Sometimes it is not feasible to install an exterior screen.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

SC4000 Mastershade® Installations

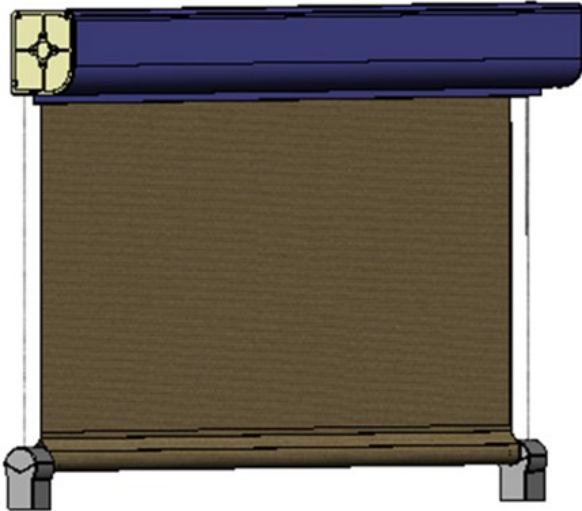


SC4000 with standard cables

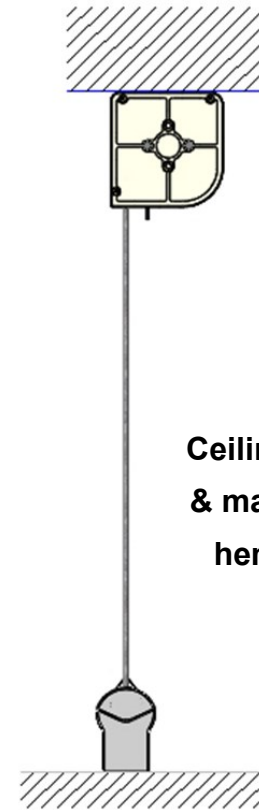
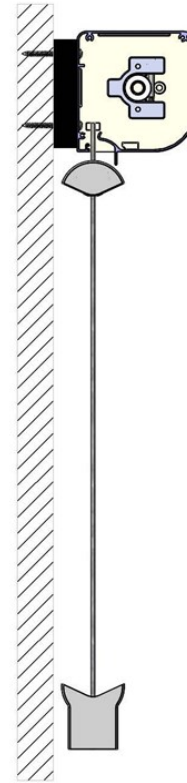


Wall mounted screens with standard cable brackets

SC4000 with magnetic lock cables



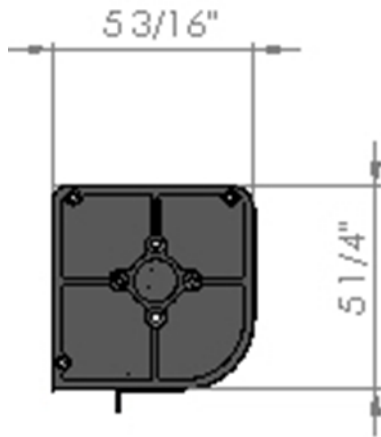
Wall mounted unit with retracted hem bar & magnetic locks.



The optional magnetic locks below keeps the screen fabric taut when the screen is in its lowered position. If a wind gust lifts the hem bar, the magnetic lock will release the screen fabric from the pressure and then the magnetic lock will automatically reposition the hem bar back into the lock.*

* Note: The magnetic device does not guarantee that strong winds will not damage the unit and is not a substitution for using caution.

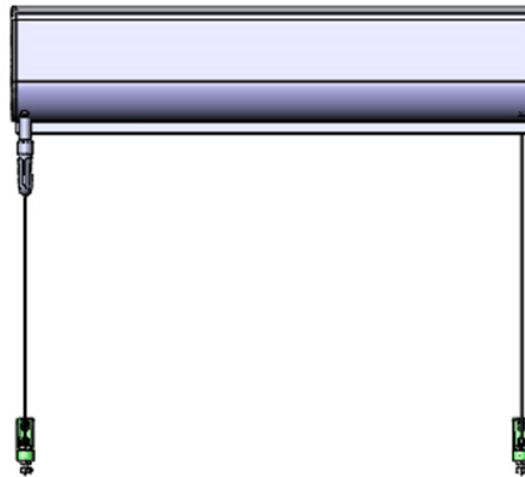
MEASURING SC4000 with standard cables:



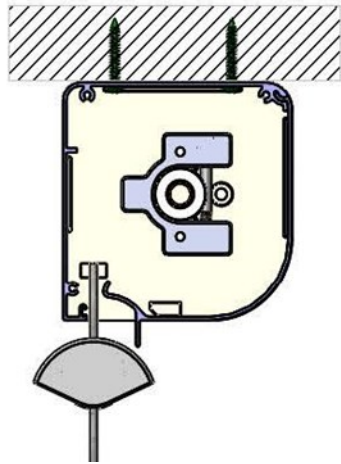
Width: Determine the desired width. The width you order is the measurement end of cassette to end of cassette. If mounting in front of a window opening, add 3" to the width of the window glass opening on the idler end and 4" on the gear or motor end for a total seven (7") to properly cover the opening or glass area with fabric.

Height: Determine the height of the opening or window. The fabric or screen mesh should cover the height of the window. The height of the delivered screen includes the cassette. To calculate the height of the shade, add the height of the cassette ($5 \frac{1}{4}$ ") and the standard or magnetic lock height / hem bar (approx. $2 \frac{1}{2}$ ") to the total height of opening to be covered if mounted in front of a window. If mounting on an open porch, allow about $7 \frac{1}{2}$ " for the cassette assembly when the screen is retracted. See below and next page)

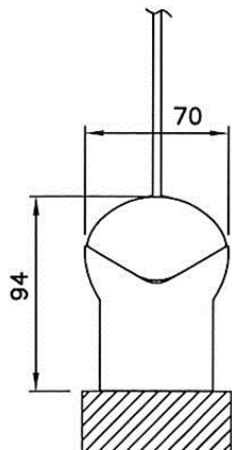
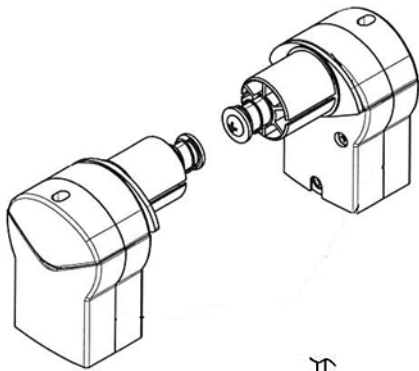
Note: Pay attention to casement windows that will interfere with the hem bar when the shade is retracted (In such a case, mount the top of the cassette 7" above the opening window edge). In addition, if the hem bar needs to go above the glass area as not to be seen through the glass when the shade is raised, it is important to add the $7 \frac{1}{2}$ " to the opening height as well. The SC4000 can be ordered in any increments in both the width and the height.



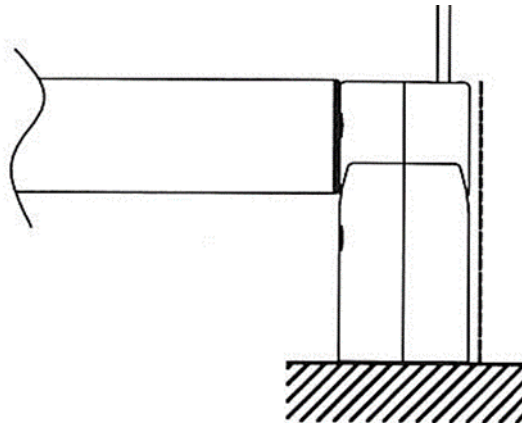
MEASURING SC4000 with magnetic cables:



Approx. 7 1/2"

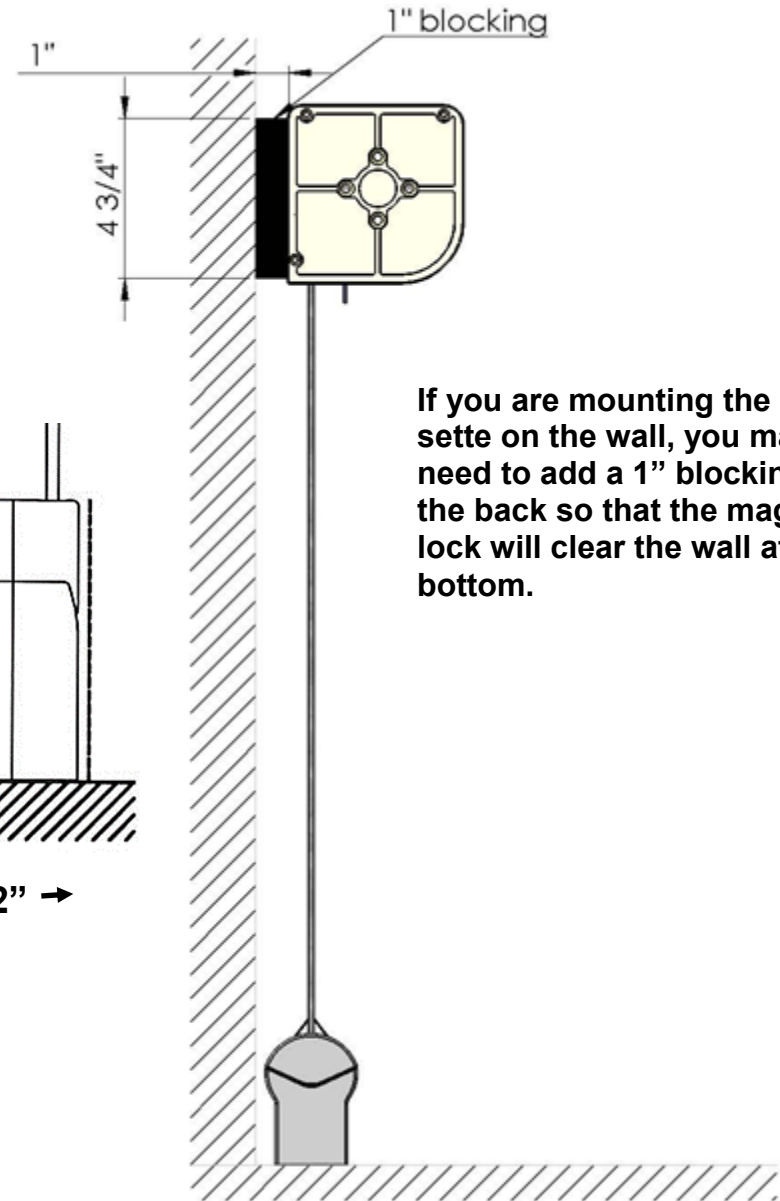


Metric mm.



← 2" →

Optional wall Mounting "L" bracket for magnetic lock at bottom

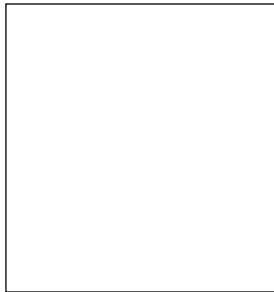


If you are mounting the cassette on the wall, you may need to add a 1" blocking in the back so that the magnetic lock will clear the wall at the bottom.

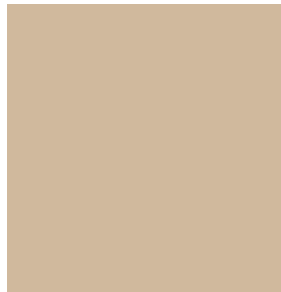
FRAME COLORS (STANDARD)

*Awnings & Screens**

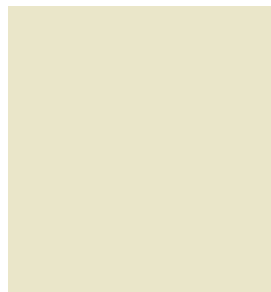
*Note: See each model technical page for available frame colors.



WHITE Gloss
Ral 9016



MOCHA
Semi Gloss



CREAM Gloss
Ral 1013



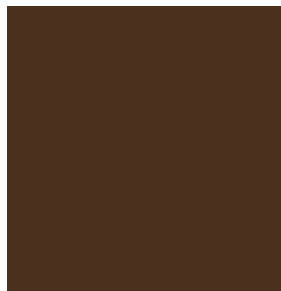
BLACK Gloss
Ral 9005



BRONZE
Coarse



GREY Gloss
Ral 7040



BROWN Gloss
Ral 8019

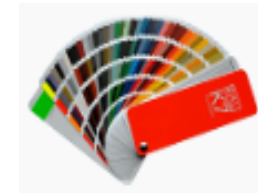


TAUPE Gloss
Ral 7030



GREEN Gloss
Ral 6005

OPTIONAL



**FULL RAL COLOR
RANGE / EXTRA COST**

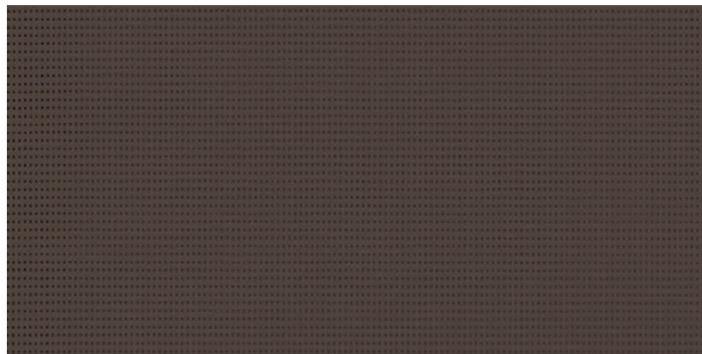
NOTE: ACTUAL FRAME COLOR MAY VARY FROM DIGITAL IMAGES

Soltis
Horizon 86

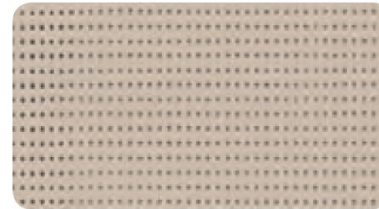
Serge Ferrari

14 % Open Screen Mesh

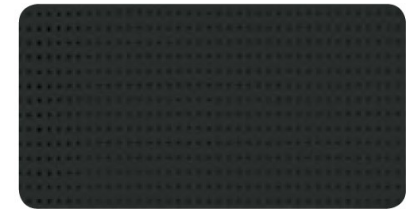
Exterior Screen Fabric



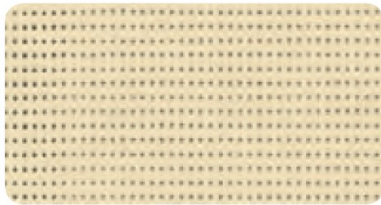
86-2043
Bronze



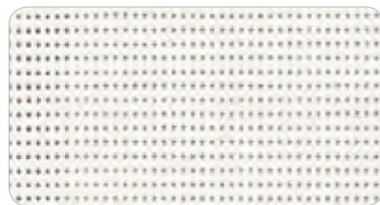
86 – 2135
Sandy Beige



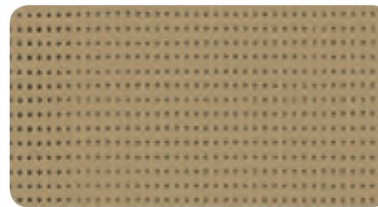
86 – 2053
Black



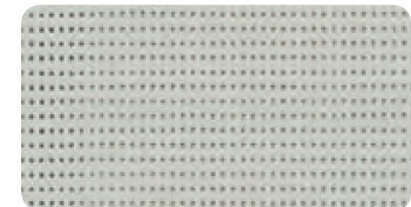
86 – 2175
Champagne



86 – 2044
White



86 – 2012
Pepper



86 – 2171
Boulder

■ **Technical properties**

Openess factor	14%
Weight	380 g/m ² — 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

502 S2 FLEX LIGHT ADVANCED / OPAQUE COLORS

The Preconstraint 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 16.7 oz / sq. yd. with a satin finish. Fabrics are fire retardant / certificate is available upon request.



satin finish



TEMPOTEST
ITALIAN PERFORMANCE FABRICS



2018

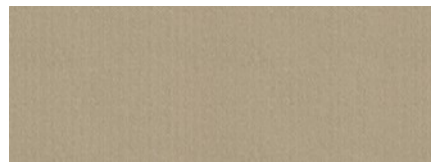
ACRYLIC FABRIC COLLECTION



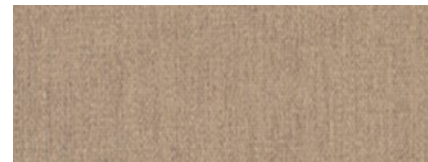
Fabric covers sewn with Tenara thread.



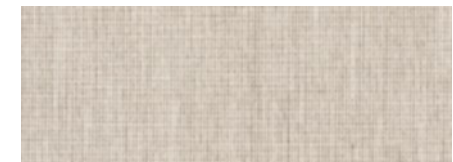
101 Elite Toast



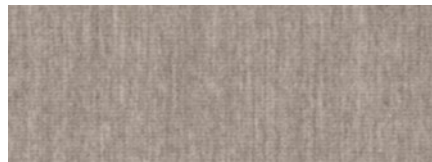
102 Cappuccino



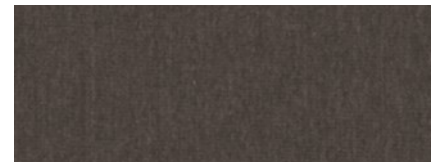
106 Toffee



986/15 Textured Lt. Grey



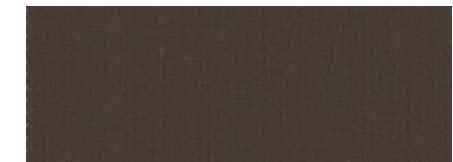
727/15 Textured Med. Grey



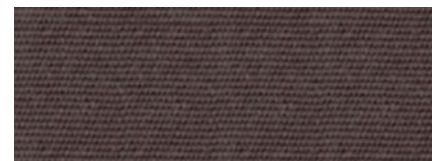
107 Textured Dk. Grey



986/106 Textured Beige



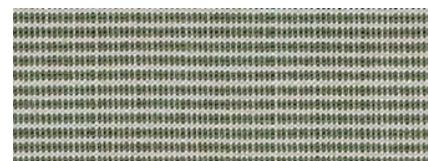
873/2 Textured Cocoa



97/84 Plum



407/3 Green Classic Tweed



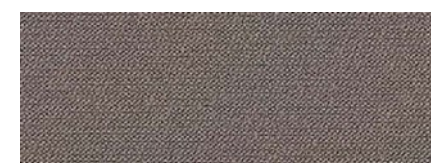
407/16 Moss Classic Tweed



407/14 Toast Classic Tweed



407/926 Grey Classic Tweed



926 Taupe Classic Solid



782/14 Beige Classic Solid



15 White



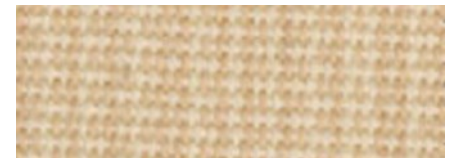
15/14 Raw



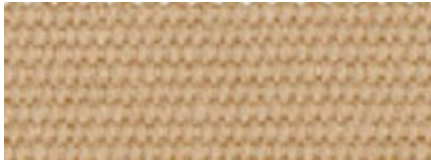
4015/91 Raw Speckled



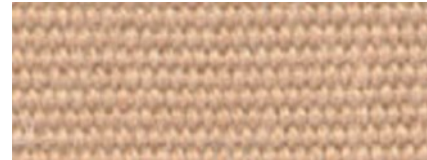
15/1 Beige



4215/15 Textured Tan



52 Tan



14 Toast



12 Yellow



53 Pale Peach



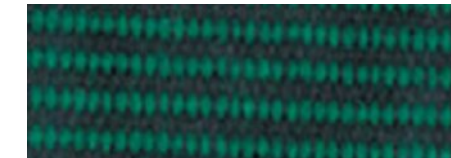
1302 Sage Tweed



7 Moss Green



5 Forest Green



407/6 Green Tweed



8 Medium Green



13 Ocean Blue



407/13 Blue Tweed



75 Navy Blue



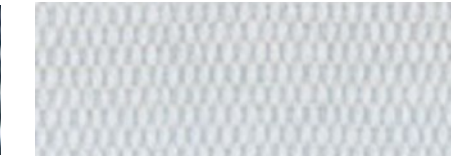
87 Fancy Blue



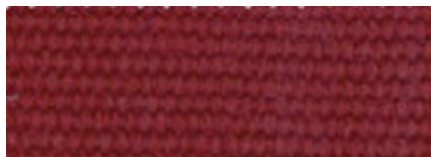
79 Grey



407/79 Pepper Grey



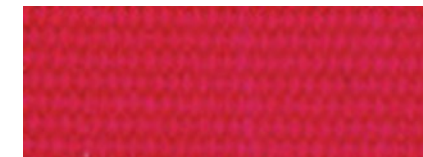
15/79 Stone



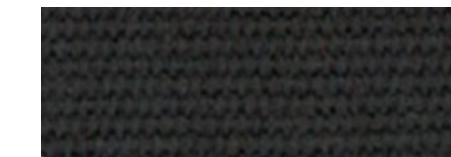
84 Dark Terracotta



426 Terracotta



11 Red



81 True Brown



73 Burgundy



407/11 Burgundy Tweed



24 Black



5374 Smoke / Grey Stripe



5370 Beige / Grey



35 Red / White



33 Forest Green / White



37 Yellow / White



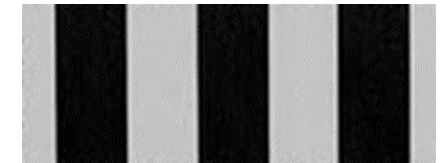
47 Brown / Stone



969 Grey Fancy Stripe



242 Grey / White



68 Black / Grey



439 Dark Grey / White



809 Cream / Green



878 Beige / White Speckled



116/15 Medium Blue / White



931 Green / Cream Wide



5347/58 Grey Wheat Multi



5348/58 Beige / Wheat Multi



**5349/930 Beige
/ Brown Classic**



636/14 Brown Elite Stripe



945/97 Beige Elite Stripe



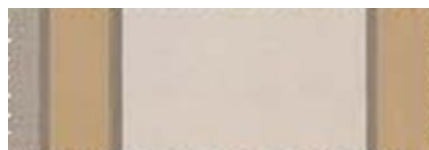
946/58 Beige / Grey Classic



947/14 Pale / Beige Classic



949/91 Brown / Beige Classic



959/14 Beige / Toast Elite



959/84 Beige / Brick Elite



5001/73 Burg/Grey Graduated



1101 Beige / Stripe Fancy



636/84 Terracotta Graduated



639/99 Tan / Natural Fancy



1120 Brown/ Beige Fancy



5009/1 Beige / Tan Stripe



5009/14 Brown / Tan Stripe



5011/57 Tan / Brown Fancy



5072/86 Brown/Stone Fancy



5144/14 Pastel/Natural Fancy



635/11 Cranberry/Natural F.



5011/11 Brick/Natural Fancy



5167/11 Red / Grey Fancy



5304/15 Rose / Grey Fancy



5173/12 Yellow / Grey Stripe



636/12 Yellow Graduated



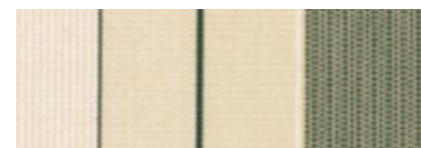
5118/62 Yellow / White Fancy



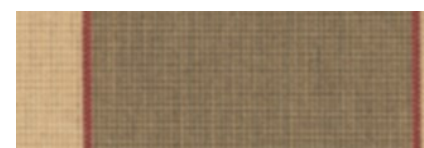
5009/12 Gold / Tan Stripe



1150 Rust / Green Multi



5349/5 Natural/Green Classic



5368/106 Toast/Grey / Rust



940/5 Green Elite Stripe



764/62 Green / Tweed Fancy



774/62 Green / Speckled Fancy



739/701 Sage / Beige Fancy



634/97 Green / Tan Fancy



635/8 Green / Stone Fancy



636/5 Green / Beige Fancy



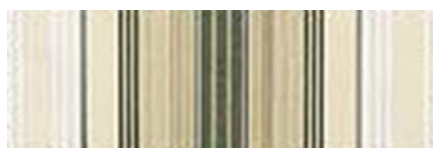
638/5 Green Grey Fancy



5001/1 Green Graduated



5001/7 Moss Graduated



5011/7 Tan / Green Fancy



5071/7 Natural/Moss Graduated



5167/5 Green / Grey Fancy



484/3 Green / Yellow Fancy



948/21 Pale / Blue Classic



951/92 Grey / Navy Classic



769/75 Cream / Blue Fancy



5167/2 Blue / Grey Fancy



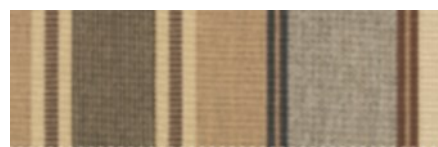
636/10 Grey / Blue Graduated



641/10 Blue / Beige Fancy



5001/13 Blue Graduated



5348/14 Beige / Grey Multi



5348/79 Grey / Slate Multi



939/79 Yellow / Grey Elite



939/94 Grey Elite Stripe



950/24 Grey / Charcoal Classic



967/926 Grey/Charcoal Elite



634/51 Grey / Natural Fancy



633/79 Grey/ Black Fancy



MOTORIZATION & AUTOMATION



Awnings



Exterior Screens



Pergolas



Roller/Solar Shades

Sunair is proud to offer the full line of Somfy motors and controls for our awnings and screen program. SOMFY RTS features motors with an integrated radio receiver that allows you to operate the screen by remote control with a wall mounted or hand held remote or by smart phone device. With a simple click of a button on your remote, shade will lower or retract automatically. The manual override Sunea motor is not available with the SC4000 screen model.



AVAILABLE BATTERY OPERATED REMOTES



Telis 1 & 4 RTS
Hand-held Remotes



Telis 16 RTS
Hand-held Remote

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.

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.



Telis 1 Chronis
RTS Timer



DecoFlex WireFree™ RTS
Wall Switches



Telis 1 Patio for
exterior use



Smooove® 1 RTS
Surface Mount Wall Switch

AVAILABLE SENSORS & CONTROLS



EOLIS 3D WIREFREE™ RTS

**Wind sensor for lateral
Arm Awnings only**

The Eolis 3D WireFree™ RTS Wind Sensor is a wireless, battery powered wind sensor that will automatically retract an awning based on wind generated movements.



**SOLIRIS RTS 24V KIT
Sun & Wind Sensor**

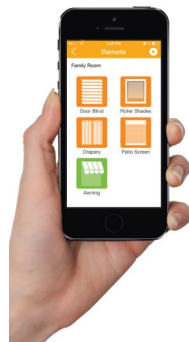
The Soliris RTS Sun and Wind Sensor automatically controls your RTS motorized products based on current weather conditions.



**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.

The Somfy myLink™ is a simple device that turns your smartphone or tablet into a sophisticated remote control for motorized products featuring Radio Technology Somfy®, allowing you to operate them whether you're home or not. Combine all the benefits of Somfy's RTS hand-held remotes and timers in a convenient app.



**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.

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



The three (3) wire cords can be wired in parallel. The standard four (4) wire cords must be wired with a traditional toggle wall switch. Screens can not be ordered with molded plugs on the end.

Type of power cable

RTS
120V AC / 60Hz
3 conductor cable



white = neutral
black = hot
green = ground

Type of power cable

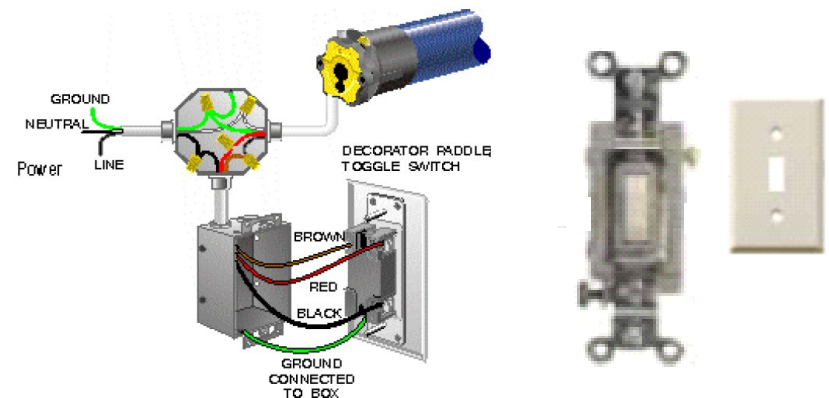
Hardwire motor cord

Wired
120V AC / 60Hz
4 conductor cable

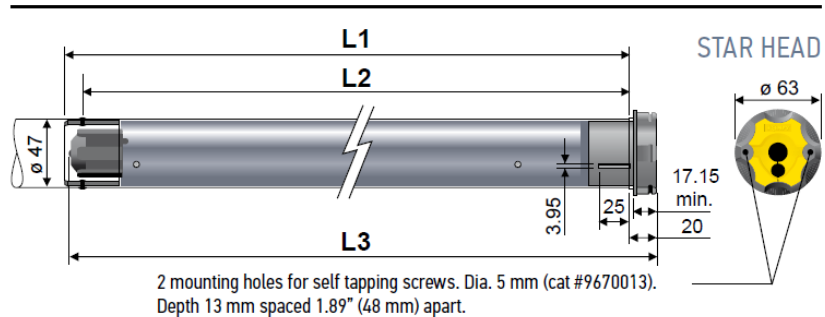


white = neutral
red = direction 1
black = direction 2
green = ground

Hardwired motors with a wall switch



Dimensions

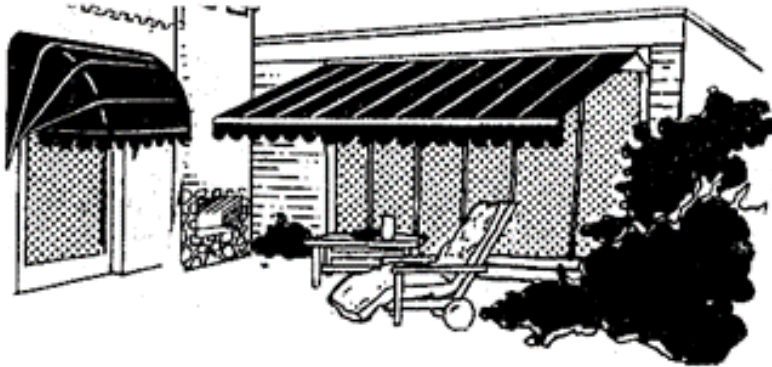


LT50 Altus® RTS

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

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

Mailing: P.O. Box 1068
Shipping: 7785 Rt. 175
Jessup, MD 20794

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

ARIZONA LOCATION

Mailing: Same as Jessup
Shipping: 3807 West Thomas Rd.
Phoenix, AZ 85017

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

www.sunairawnings.com

info@sunairawnings.com