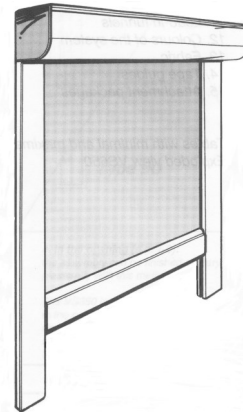# SC3000 MASTERSHADE®

Exterior Rolling Screen / Large Cassette

The SC3000 is our large box traditional exterior retractable vertical rolling screen system. The fabric runs inside vertical guide Tracks or Cable Guides by means of gravity. When the shade is retracted the fabric is stored in the built-in protective box. The weighted hem bar keeps the fabric taut. This Mastershade model is made of the highest quality extruded aluminum.

The SC3000 has a 5 3/8" x 5 1/8" Cassette box.

Type	Standard Frame Colors	Standard Widths	Standard Heights	Recommended Applications	Recommended Fabrics
Screen Exterior Retractable	9 standard Sunair colors	Through 17' wide 24' w. with split	Through 16' Depending on Fabric type	Residential & Commercial Windows	Various Mesh & Acrylic Fabrics

- Larger 5" standard box screen.
- Capable of wider widths with fabric split.
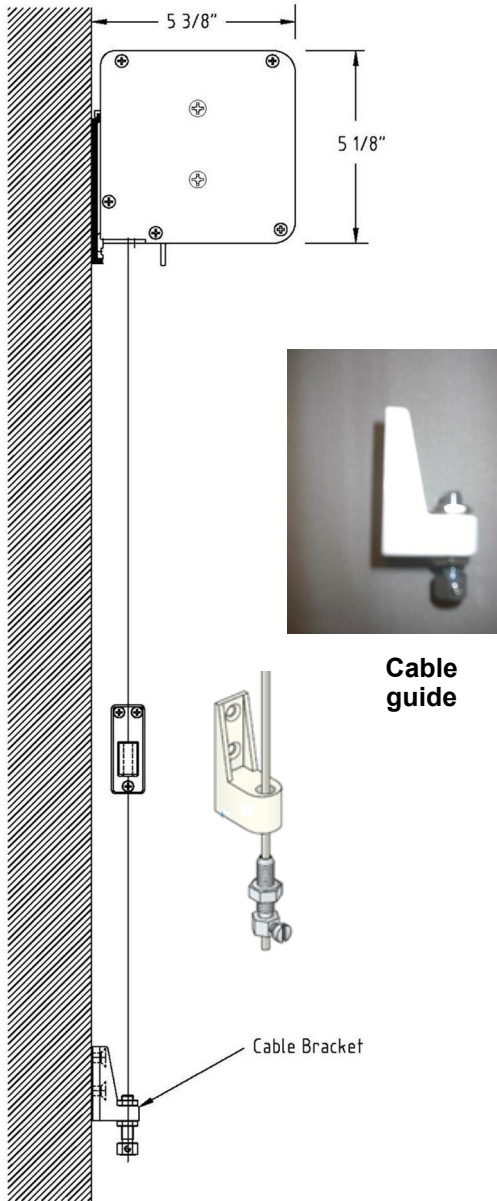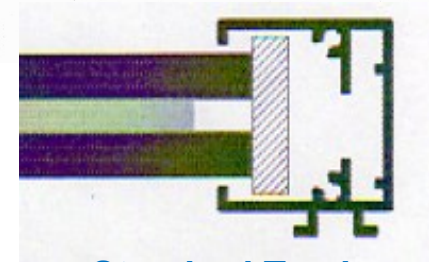- Gear or Motorized operation.
- Cabled or standard track available.

5 year limited frame warranty
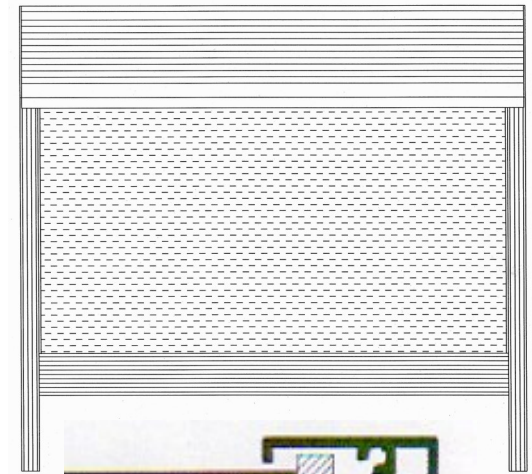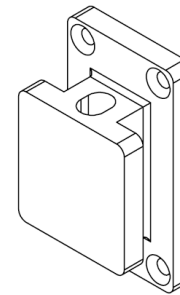
Revised 02/15/2023

SC3000 Mastershade® Installations

SC3000 Large Box
With Cable Guides
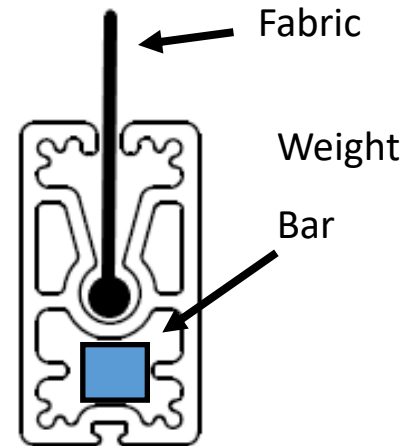
5 3/8"

5 1/8"

Cable guide

Cable Bracket

SC3000 Large Box
With Standard Track

5 3/8"

5 1/8"

Second Bracket 8' and over

Track Bracket

Track End Cap
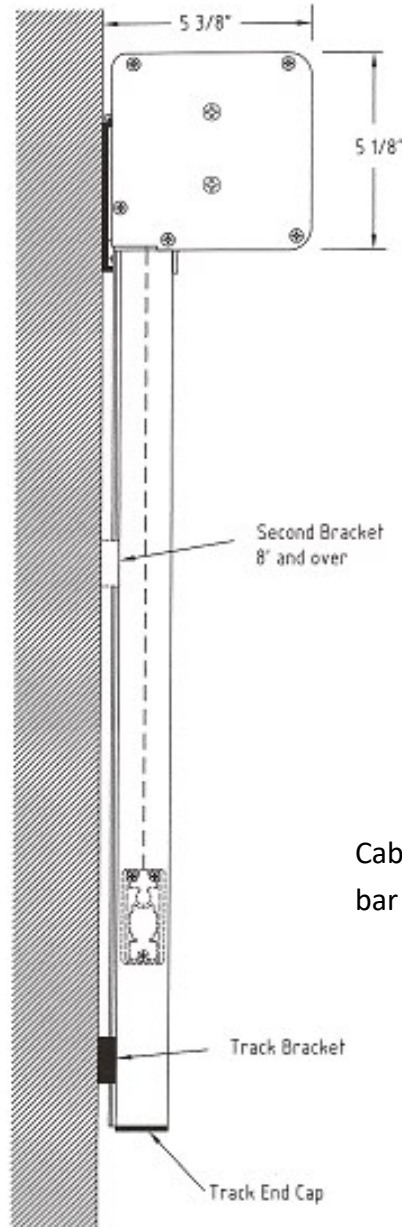
Cable and Track hem bar end bracket

Standard Track

Fabric

Weight

Bar

Hem bar with recessed fabric cavity hiding the seam

MEASURING SC3000:

5 3/8"

5 1/8"

HEIGHT

Width: Determine the desired width. The width you order is the measurement outside of track to outside of track. If possible, add 1 ½ " on each side for proper window coverage by the fabric. There will be a small 1/8" gap between the fabric edge and the track on each side. If using cable guides instead of track, allow roughly 1 ½" less fabric on each side. Adjust the width of the cassette accordingly to cover the opening if using cable guides.

Height: Determine the height of the window or opening. 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") and the hem bar (2") to the total height of the window measurement (see to left and below). Note: Watch out for casement windows that will interfere with the hem bar when the shade is retracted (In such a case, mount the top of the cassette 6" above the opening window edge). In addition, if the hem bar needs to go below the glass area as not to be seen through the glass when the shade is lowered, add another 2" to the height, for a total of 9" (Glass height plus 9").

Note: The cassette can be ceiling mounted (see install instructions)

7"

Height with hem bar in retracted position

WIDTH

STANDARD TRACK
SC3000 shown with track
bracket

TRACK BRACKET
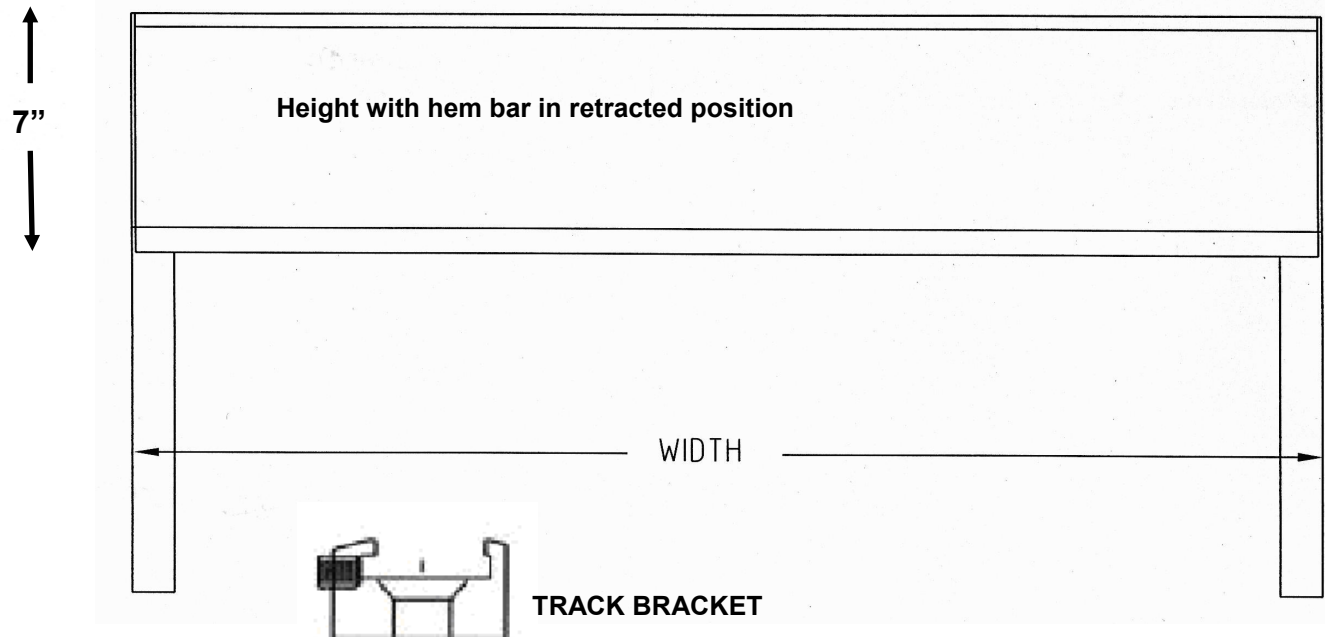
BENEFITS OF SOLAR SCREENS

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.**
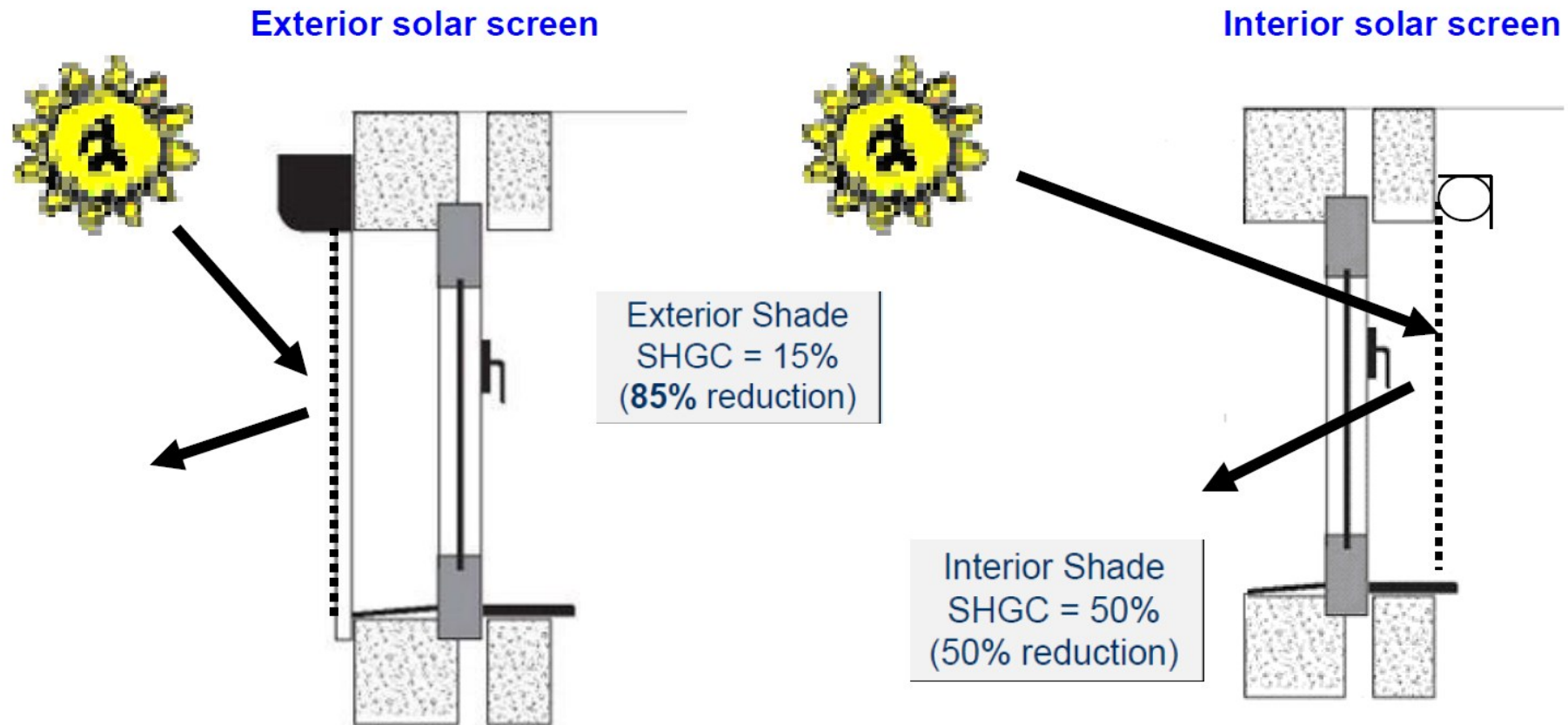

Screen partially lowered down

Screen partially down showing glare

Screen fully down and no glare

BENEFITS OF SOLAR SCREENS cont:

Exterior solar screen

Interior solar screen

Exterior Shade
SHGC = 15%
(**85%** reduction)

Interior Shade
SHGC = 50%
(50% reduction)

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.
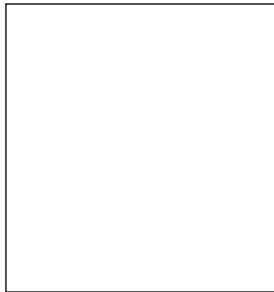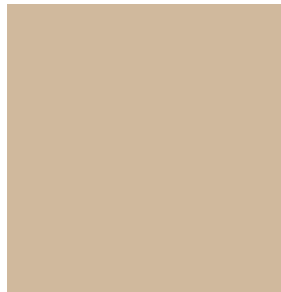
BENEFITS OF EXTERIOR SOLAR SCREENS:
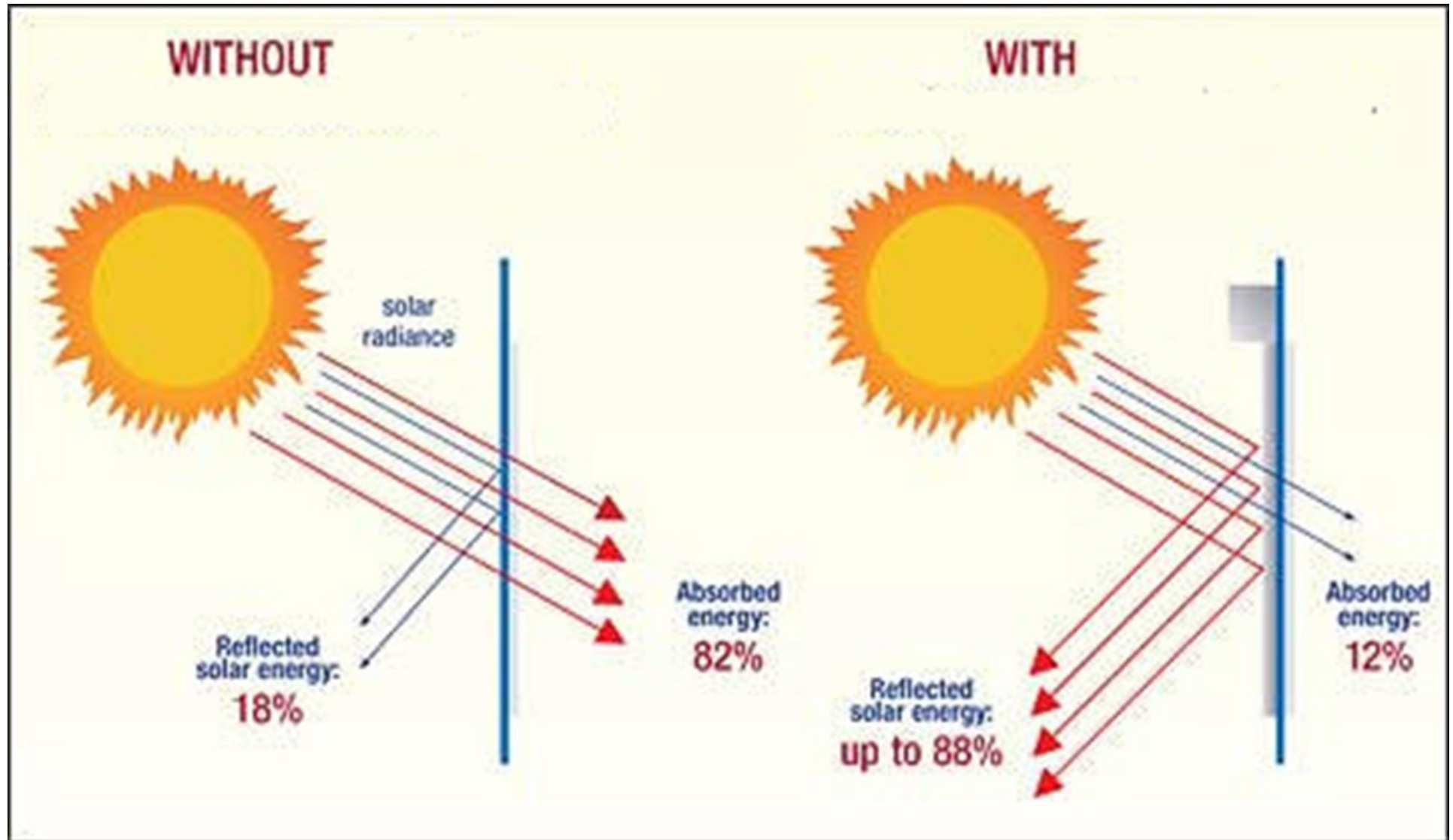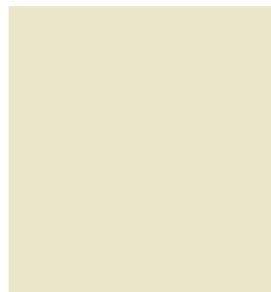
FRAME COLORS (STANDARD)

Screens*

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

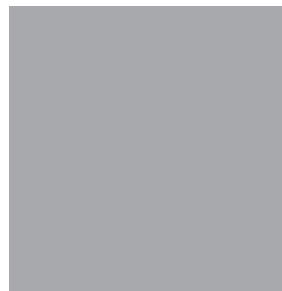**WHITE Gloss**
Ral 9010

MOCHA
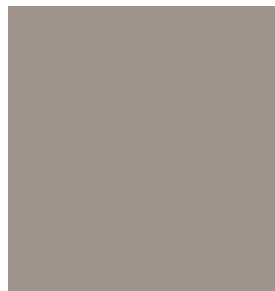Semi Gloss

**DESERT SAND /
IVORY Gloss**

BLACK Gloss
Ral 9005

BRONZE
Coarse

OPTIONAL

GREY Gloss
Ral 7040

BROWN Gloss

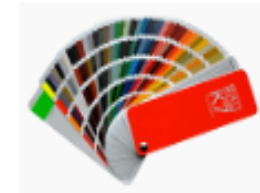**TAUPE Gloss**

GREEN Gloss
Ral 6005

**FULL RAL COLOR
RANGE / EXTRA COST**

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

SUNAIR®
AWNINGS & SOLAR SCREENS

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

TEMPOTEST®
ITALIAN PERFORMANCE FABRICS
PARÀ

ACRYLIC FABRIC COLLECTION

Fabric covers sewn with Tenara thread.

SUNAIR®
AWNINGS & SOLAR SCREENS

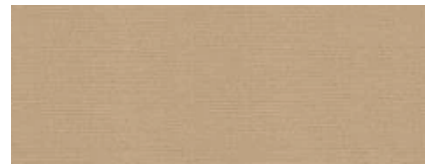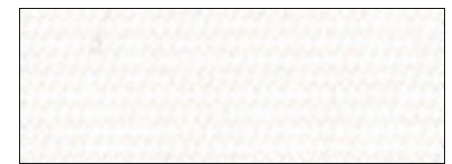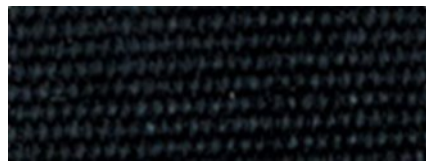|			
5 Forest Green	7 Moss Green	8 Medium Green	11 Red
12 Yellow	13 Ocean Blue	14 Toast	15 White
24 Black	33 Forest Green / White	35 Red / White	37 Yellow / White
47 Brown / Stone	52 Tan	53 Pale Peach	73 Burgundy

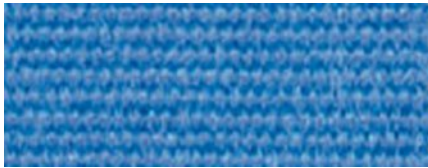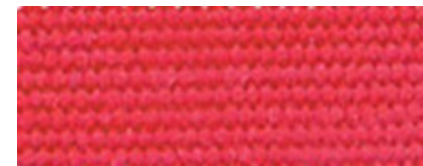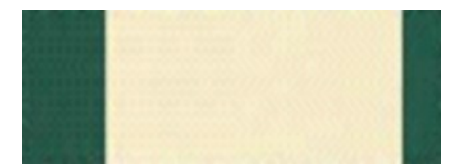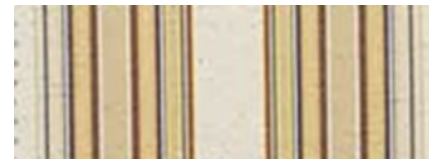|			
75 Navy Blue	79 Grey	81 True Brown	84 Dark Terracotta
87 Fancy Blue	101 Elite Toast	102 Cappuccino	106 Toffee
107 Textured Dk. Grey	242 Grey / White	426 Terracotta	439 Dark Grey / White
809 Cream / Green	878 Beige / White Speckled	926 Taupe Classic Solid	931 Green / Cream Wide
969 Grey Fancy Stripe	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
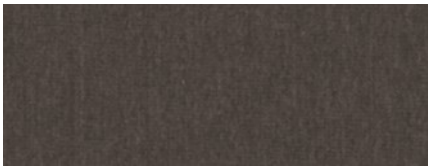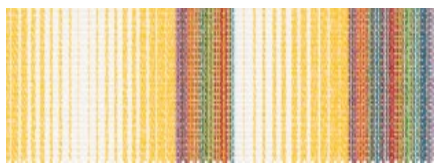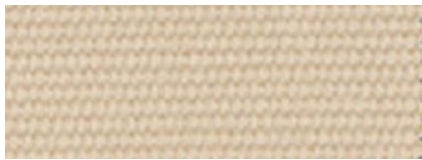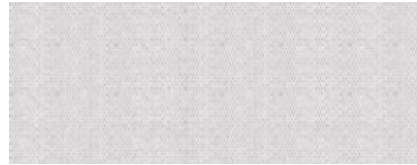
15/1 Beige	15/14 Raw	15/79 Stone	4015/91 Raw Speckled
407/11 Burgundy Tweed	407/13 Blue Tweed	407/14 Toast Classic Tweed	407/16 Moss Classic Tweed
407/3 Green Classic Tweed	407/6 Green Tweed	407/79 Pepper Grey	407/926 Grey Classic Tweed
4215/15 Textured Tan	5000/57 Cocoa Stripe	5001/1 Green Graduated	5001/13 Blue Graduated
5001/7 Moss Graduated	5001/73 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
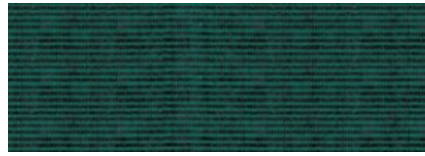
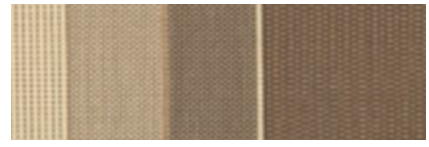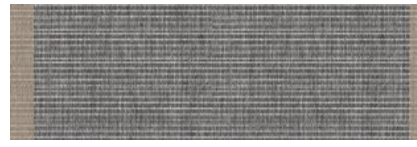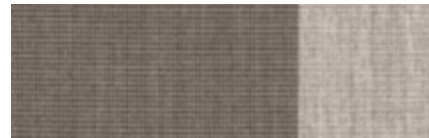|			
5072/86 Brown/Stone Fancy	5118/62 Yellow / White Fancy	5144/14 Pastel/Natural Fancy	5167/11 Red / Grey Fancy
5167/2 Blue / Grey Fancy	5167/5 Green / Grey Fancy	5173/12 Yellow / Grey Stripe	5304/15 Rose / Grey Fancy
5347/58 Grey Wheat Multi	5347/79 Platinum Grey Multi	5348/58 Beige / Wheat Multi	5348/79 Grey / Slate Multi
5349/106 Brown Cream Stripe	5349/930 Beige / Brown Classic	5369 Charcoal / Brown	5370 Beige / Grey
5371/727 Grey / Black Stripe	5374 Smoke / Grey Stripe	5396/78 Green Tweed Stripe	5396/930 Hazelnut Stripe
5396/97 Charcoal Tweed Stripe	5397/97 Grey / Black Graduated	5398/107 Carbon Blue Blend	5398/930 Dune / Brown Striped
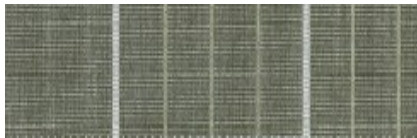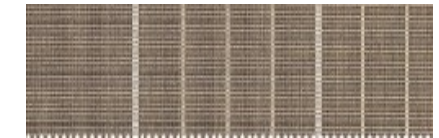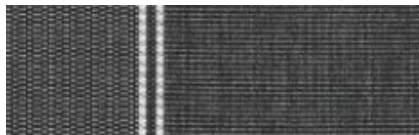
5399/107 Drk. Grey Tweed	**5399/15 Lgt. Grey Stripe**	**5399/52 Sesame Tweed Stripe**	**5399/94 Stone / Grey Tweed**
5406/52 Coriander Tweed	**5406/94 Textured / Desert Beige**	**5407/107 Charcoal / Stone Tweed**	**5407/15 Textured Silk Grey**
5407/17 Sky Tweed	**5407/52 Sesame Tweed**	**5407/94 Desert Grey Tweed**	**633/79 Grey/ Black Fancy**
634/51 Grey / Natural Fancy	**634/97 Green / Tan Fancy**	**635/11 Cranberry/Natural F.**	**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 Med. Grey**
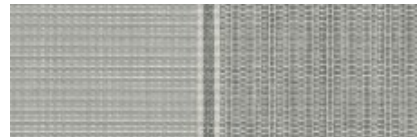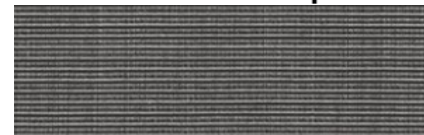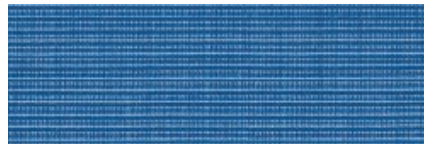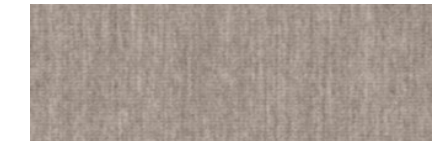
739/701 Sage / Beige Fancy

769/75 Cream / Blue Fancy

782/14 Beige Classic Solid
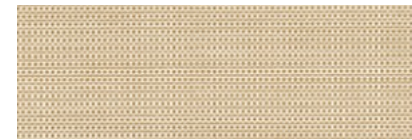
873/151 Dune Tweed
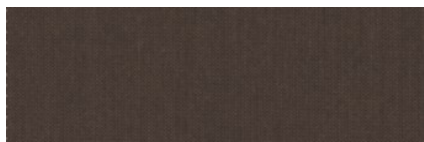
873/2 Textured Cocoa

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

97/84 Plum

986/106 Textured Beige

986/15 Textured Lt. Grey

986/727 Textured Pebble Grey

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

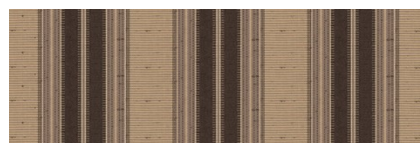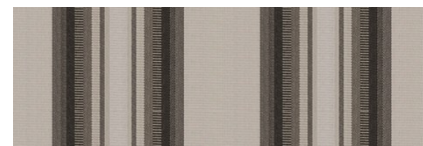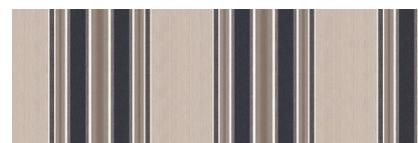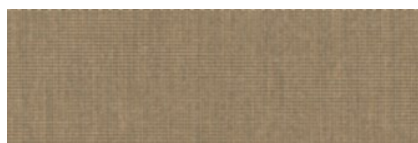|					
5	Forest Green	407/14	Toast Classic Tweed	5406/52	Coriander Tweed
7	Moss Green	407/16	Moss Classic Tweed	5406/94	Textured Desert Beige
8	Medium Green	407/3	Green Classic Tweed	5407/107	Charcoal/Stone Tweed
11	Red	407/6	Green Tweed	5407/15	Textured Silk Grey
12	Yellow	407/79	Pepper Grey	5407/17	Sky Tweed
13	Ocean Blue	407/926	Grey Classic Tweed	5407/52	Sesame Tweed
14	Toast	4215/15	Textured Tan	5407/94	Desert Grey Tweed
15	White	5000/57	Cocoa Stripe	633/79	Grey/Black Fancy
24	Black	5001/1	Green Graduated	634/51	Grey/Natural Fancy
33	Forest Green/White	5001/13	Blue Graduated	634/97	Green/Tan Fancy
35	Red/White	5001/7	Moss Graduated	635/11	Cranberry/Natural Fancy
37	Yellow/White	5001/73	Burgundy/Grey Graduated	636/10	Grey/Blue Graduated
47	Brown/Stone	5009/1	Beige/Tan Stripe	636/12	Yellow Graduated
52	Tan	5009/14	Brown/Tan Stripe	636/14	Brown Elite Stripe
53	Pale Peach	5011/11	Brick/Natural Fancy	636/5	Green/Beige Fancy
73	Burgundy	5011/57	Tan/Brown Fancy	636/84	Terracotta Graduated
75	Navy Blue	5011/7	Tan/Green Fancy	638/5	Green/Grey Fancy
79	Grey	5071/7	Natural/Moss Graduated	639/99	Tan/Natural Fancy
81	True Brown	5072/86	Brown/Stone Fancy	641/10	Blue/Beige Fancy
84	Dark Terracotta	5118/62	Yellow/White Fancy	727/15	Textured Medium Grey
87	Fancy Blue	5144/14	Pastel/Natural Fancy	739/701	Sage/Beige Fancy
101	Elite Toast	5167/11	Red/Grey Fancy	769/75	Cream/Blue Fancy
102	Cappuccino	5167/2	Blue/Grey Fancy	782/14	Beige Solid Classic
106	Toffee	5167/5	Green/Grey Fancy	873/151	Dune Tweed
107	Textured Dark Grey	5173/12	Yellow/Grey Stripe	873/2	Textured Cocoa
242	Grey/White	5304/15	Rose/Grey Stripe	939/94	Grey Elite Stripe
426	Terracotta	5347/58	Grey/Wheat Multi	940/5	Green Elite Stripe
439	Dark Grey/White	5347/79	Platinum Grey Multi	947/14	Pale Beige Classic
809	Cream/Green	5348/58	Beige/Wheat Multi	949/91	Brown/Beige Classic
878	Beige/White Speckled	5348/79	Grey/Slate Multi	950/24	Grey/Charcoal Classic
926	Taupe Classic Solid	5349/106	Brown/Cream Stripe	951/92	Grey/Navy Classic
931	Green/Cream Wide	5349/930	Beige/Brown Classic	967/926	Grey/Charcoal Elite
969	Grey Fancy Stripe	5369	Charcoal/Brown	968/426	Terracotta/Cream Fancy
1101	Beige/Stripe Fancy	5370	Beige/Grey	97/84	Plum
1120	Brown/Beige Fancy	5371/727	Grey/Black Stripe	986/106	Textured Beige
1150	Rust/Green Multi	5374	Smoke/Grey Stripe	986/15	Textured Light Grey
116/15	Medium Blue/White	5396/78	Green Tweed Stripe	986/727	Textured Pebble Grey
1243	Yellow Multi	5396/930	Hazelnut Stripe		
1302	Sage Tweed	5396/97	Charcoal Tweed Stripe		
1330/512	Carbon Stitch	5397/97	Grey/Black Graduated		
15/1	Beige	5398/107	Carbon Blue Blend		
15/14	Raw	5398/930	Dune/Brown Stripe		
15/79	Stone	5399/107	Dark Grey Tweed		
4015/91	Raw Speckled	5399/15	Light Grey Stripe		
407/11	Burgundy Tweed	5399/52	Sesame Tweed Stripe		
407/13	Blue Tweed	5399/94	Stone/Grey Tweed		

SUNAIR®
AWNINGS & SOLAR SCREENS

RS | RecScreen

5000P

300 Charcoal / Charcoal

Specifications

Composition: 15% Polyester, 85% Vinyl

Syle: Basket Weave

Mesh Weight: 14,75 (oz/yd2)

Openness Factor: 5.5 %

Fabric Thickness (in): .026
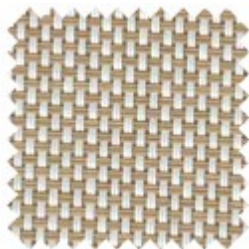
Width: 118"

Fire classification: NFPA 701 Test 1, and CA Fire Marshall Title 19, Section 1237.1
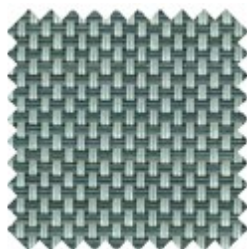
Warranty: 5 years exterior

Bacteria and Fungal Resistance: AATCC Test Method 100-2004

001 White

/ Linen

002 Blanco

/ Sable

405 Pearl

/ Dark Grey

305 Charcoal

/ Dark Grey

307 Charcoal

/ Bronze
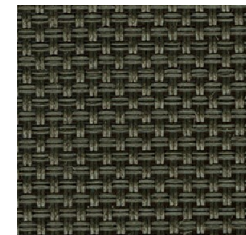
770 Bronze

/ Bronze
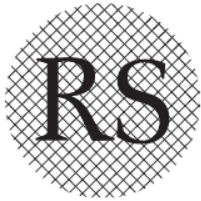
RecScreen

6000P

300 Charcoal / Charcoal

Specifications

Composition: 18% Polyester, 82% Vinyl
Syle: Twill
Mesh Weight: 17,8 (oz/yd^2)
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

| 001 White / Linen | 002 White / Sable | 004 White / Pearl Grey | 502 Dark Gray / Sable | 503 Dark Gray / Charcoal | 307 Charcoal / Bronze |
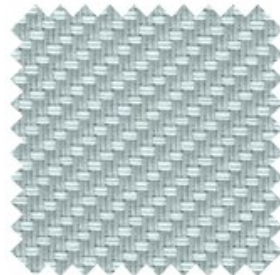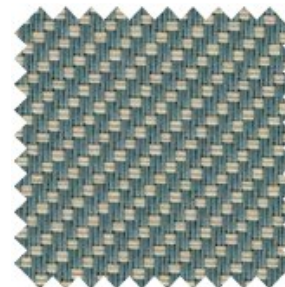
Exterior Screen Fabric

NEW!

Natté™

Outdoor Screen Fabric.

42% Fiberglass

58% vinyl

3%, 5%, & 10%

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/Garnet

901901 Grey/Grey

901930 Grey/Charcoal

30M394 Charcoal/Charcoal-Navy

930993 Charcoal/Forest

930930 Charcoal/Charcoal

MERMET.
Sun Control Textiles™

Exterior Screen Fabric

Satiné™ NEW!

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™

Soltis
Horizon 86

Serge Ferrari

14 % Open Screen Mesh

Exterior Screen Fabric

5 year warranty from Ferrari
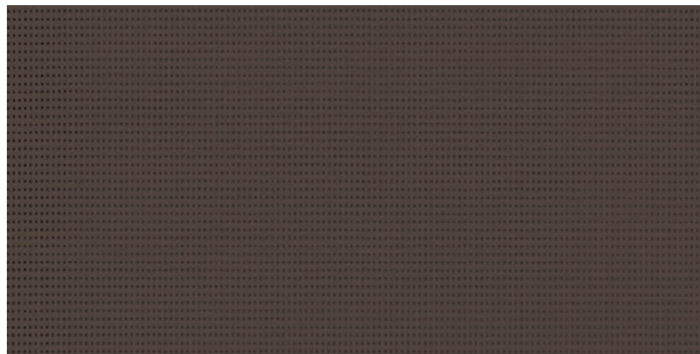
86-2043
Bronze
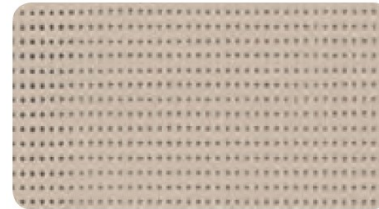
86 – 2135
Sandy Beige
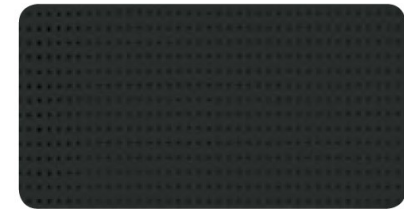
86 – 2053
Black
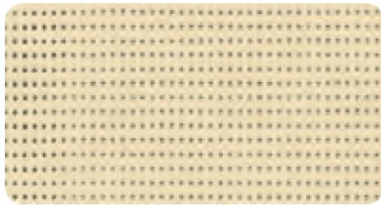
86 – 2175
Champagne
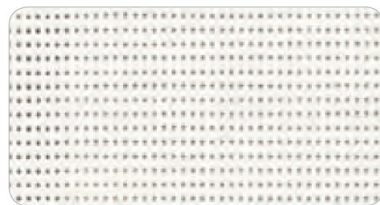
86 – 2044
White
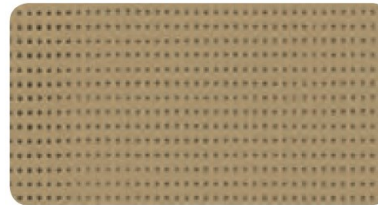
86 – 2012
Pepper
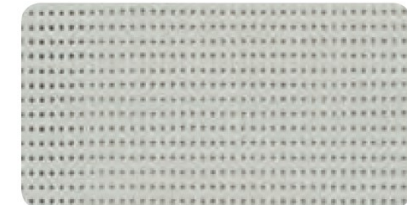
86 – 2171
Boulder

▪ Technical properties	
Openess factor	14%
Weight	380 g/m² — 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

TEXTILENE® nano™ 95

5 % Open Screen Mesh
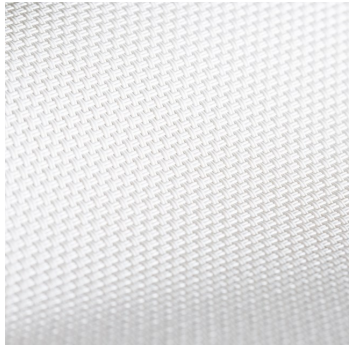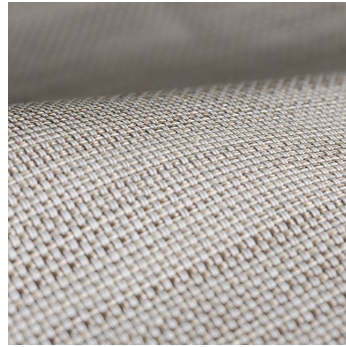
White	Stone Texture	ShadowTexture	Granite	Expresso Texture
Tobacco	Charcoal	Flat Black	Bone	
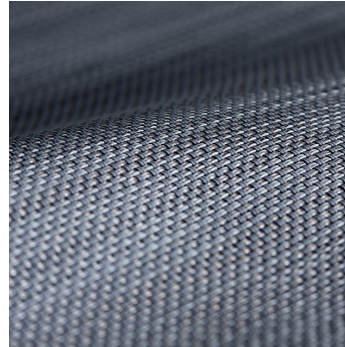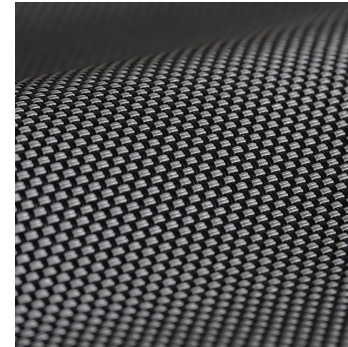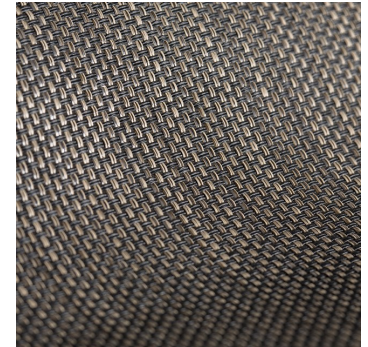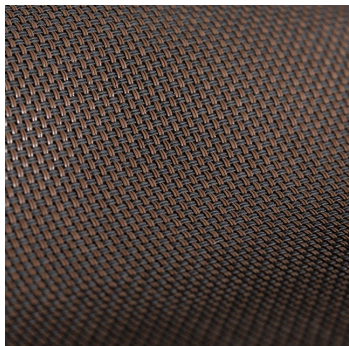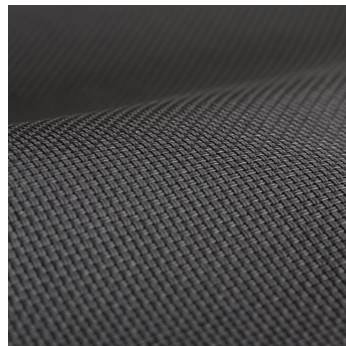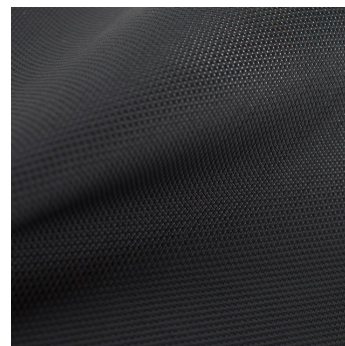
TEXTILENE® nano™ 95 is a durable, yet lightweight synthetic fabric. It is lighter and finer with the same technical qualities as the original TEXTILENE®. TEXTILENE® nano™95 is excellent for exterior use and can reduce energy costs while blocking up to 95% of the sun's harmful rays.

TTP
FABRICS & COATING

MOTORIZATION

POWERED by SOMfy®

Awnings

Exterior Screens

Pergolas

RTS **somfy.**

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.

ALTUS®

SOMFY REMOTES:

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

RTS

somfy.

Telis 1 & 4 RTS
Hand-held Remotes

Situo 1 & 4 hand held remotes

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

Smoove® 1 RTS
Surfact Mount Wall Switch

Telis 16 RTS
Hand-held Remote

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

POWERED by somfy®

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
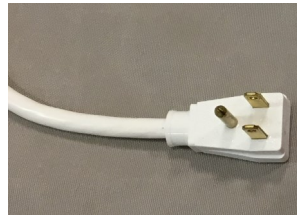
Type of power cable — RTS plug in capable motor cord

RTS
120V AC / 60Hz
3 conductor cable
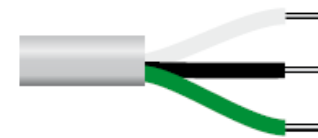
white = neutral
black = hot
green = ground

Type of power cable — STANDARD 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

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

cRUus   CSA®

5 year Warranty somfy®

somfy® Building happiness

GROUND
NEUTRAL
Power   LINE

DECORATOR PADDLE
TOGGLE SWITCH

BROWN
RED
BLACK

GROUND
CONNECTED
TO BOX

POWERED by
somfy®

RTS
Radio Technology Somfy®

Dimensions

STAR HEAD

ø 63

L1
L2
L3
ø 47
3.95
25
17.15 min.
20

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

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

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

works with alexa

works with the Google Assistant

IFTTT   SmartThings   PHILIPS hue   brilliant

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.

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:

- Sidekick for Shades: 5-channel Shade and awning

Remote control from anywhere

Be able to control everything even from outside your home.

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

SUNAIR®
AWNINGS & SOLAR SCREENS
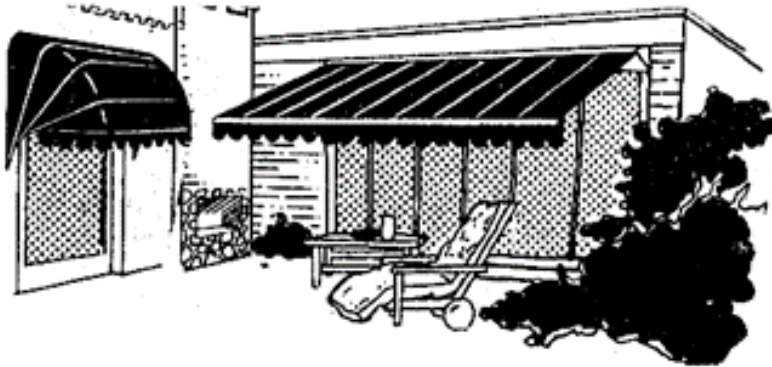
SUNPROOFING AMERICA!

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Shipping: 7785 Rt. 175	Shipping: 3807 West Thomas Rd.
Jessup, MD 20794	Phoenix, AZ 85017

Toll Free	800 - 548 - 0408	Toll Free	877 - 272 - 3920
Phone:	410 - 799 - 1145	Phone:	602 - 272 - 3920
Fax:	410 - 799 - 5584	Fax:	602 - 272 - 3925

www.sunairawnings.com   **info@sunairawnings.com**