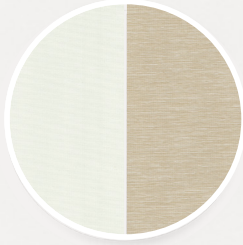


# SOFIA DAYLIGHT™ TWILIGHT™

## SHADES BY MATISS



### LIGHT FILTERING (LF)

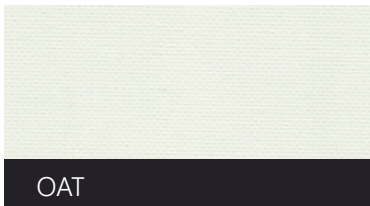
The Light Filtering fabric softly diffuses natural light while maintaining daytime privacy and creating a warm, inviting atmosphere



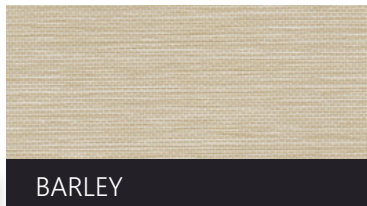
### BLACKOUT (BO)

The Blackout fabric provides maximum light blockage for enhanced privacy, glare reduction, and room darkening performance.

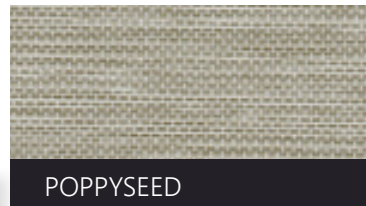
## SOFIA DAYLIGHT™ | SOFIA TWILIGHT™



OAT



BARLEY



POPPYSEED



BUCKWHEAT



PUMPERNICKEL



RYE

### Sofia Daylight™

A soft, decorative fabric made of polyester with an acrylic coating, Sofia Daylight gently diffuses light while preserving privacy. It is designed with a color palette that complements its blackout counterpart, Sofia Twilight.

### Sofia Twilight™

A decorative blackout fabric composed of polyester with an acrylic foam coating. Provides complete privacy in 6 comforting colors to enhance any space.

# SOFIA TWILIGHT™

## LIGHT FILTERING ROLLER SHADE CLOTH

### SPECIFICATIONS

<b>Product Category</b>	<b>Privacy</b>
Product Category	Privacy
Openness Factor	0%
UV Blockage	Approximately 100%
Fabric Style	Blackout
Item #	022300
Composition	100% polyester with acrylic coating
Standard Packaging	Rolls of 33 ly (30 lm)
Width	118" (300 cm)
Weight	11.0 oz / yd2 (373 g / m2) ± 10%
Thickness	0.019" (0.48 mm) ± 10%

Color#	Color Name	Side	Fabric Properties						Fabric & Glass	Illuminance	
			Rs IR (%)	Thermal		Optical		SHGC		Black-out %	Glow %
			Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)				
			Total Solar								
000OAT	Oat	street	76	80	20	0	88	0	0.19	98	2
		room	70	75	25	0	80	0	0.22	98	2
000BAR	Barley	street	81	82	18	0	89	0	0.18	98	2
		room	76	73	27	0	73	0	0.24	98	2
000PPY	Poppyseed	street	80	84	16	0	91	0	0.17	99	1
		room	70	68	32	0	68	0	0.27	99	1
000RYE	Rye	street	76	80	20	0	87	0	0.19	100	0
		room	76	64	36	0	56	0	0.3	100	0
000BUC	Buckwheat	street	62	68	32	0	77	0	0.26	99	1
		room	65	52	48	0	42	0	0.36	99	1
000PUM	Pumpnickel	street	81	82	18	0	87	0	0.18	98	2
		room	35	24	76	0	14	0	0.5	98	2

**Fabrication Methods:**

**Cutting:** Crush, cold, or ultrasonic  
**Welding:** Mermet T00119 Tape is Recommended.  
 300-350°F. 15s  
 Radio frequency, impulse, hot air, or wedge

**Fire Classifications:**

ASTM E 84 (Class B)  
 California Technical Bulletin #117

**Bacterial and Fungal Resistance:**

ASTM E2180

**Environmental Benefits:**

RoHS – Lead Free  
 GREENGUARD Gold

**Acoustical Performance:**

NRC: 0.00, SAA: 0.03

Fabric properties may vary from the values reported due to standard variations in the manufacturing process. The fabric fenestration testing was conducted in accordance with ASTM GASTM E903: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Solar Reflectance in Infrared (Rs IR), Total Solar Absorptance (As), Visible Reflectance (Rv), and VTransmission (Tv). Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory WINDOW NFRC certified softSHGC % improvement for commercial applications is based on a standard commercial glass makeup of Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2. SHGC for residapplications is based on a default residential glass makeup of 3mm clear glass / 1/2" air / 3mm clear glass. Results for SHGC were obtained using the center of glass. Acoustical performwas tested in accordance with ASTM C423: NRC is Noise Reduction Coefficient; SAA is Sound Absorption Average. For up-to-date test results, performance specifications and larger samcontact Mermet at info@MermetUSA.com



Sun Control Textiles™

Mermet Corporation  
 5970 N. Main Street Cowpens, SC 29330  
 1.866.902.9647 info@MermetUSA.com  
 MermetUSA.com

**Care and Cleaning**

Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains. Handling: Support the full width of the roll to prevent uneven distribution of weight and fabric deformation.

We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabrication specifications.

Product performance and specification data is subject to change, visit [www.Mermetusa.com](http://www.Mermetusa.com) for the most current information



# SOFIA DAYLIGHT™

LIGHT FILTERING ROLLER SHADE CLOTH

## SPECIFICATIONS

<b>Product Category</b>	<b>Privacy</b>
Openness Factor:	< 1%
UV Blockage:	Approximately 99%
Fabric Style:	Plain Weave
Item #:	D22300
Composition:	100% Polyester
Standard Packaging:	Rolls of 33 ly (30 lm)
Width:	118" (300 cm)
Weight:	5.10 oz / yd <sup>2</sup> (173 g / m <sup>2</sup> ) ± 5%
Thickness:	0.014" (0.352 mm) ± 10%

Color#	Color Name	Fabric Properties						Fabric & Glass	Illuminance	
		Rs IR (%)	Thermal		Optical		SHGC		Black-out %	Glow %
			Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)			
000OAT	Oat	53	56	4	40	59	40	0.41	0	100
000BAR	Barley	52	51	11	38	51	35	0.43	0	100
000PPY	Poppyseed	53	46	21	33	40	25	0.45	0	100
000RYE	Rye	52	40	31	29	29	18	0.47	0	100
000BUC	Buckwheat	53	39	33	28	28	17	0.47	0	100
000PUM	Pumpnickel	32	25	58	17	19	10	0.52	0	100

### Fabrication Methods:

**Cutting:** Crush, cold, or ultrasonic  
**Welding:** Mermet T00119 Tape is Recommended.  
 300-350°F, 15s  
 Radio frequency, impulse, hot air, or wedge

### Fire Classifications:

ASTM E 84 (Class B)  
 California Technical Bulletin #117

### Bacterial and Fungal Resistance:

ASTM E2180

### Environmental Benefits:

RoHS – Lead Free  
 GREENGUARD Gold

### Acoustical Performance:

NRC: 0.45, SAA: 0.42

Fabric properties may vary from the values reported due to standard variations in the manufacturing process. The fabric fenestration testing was conducted in accordance with ASTM GASTM E903: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Solar Reflectance in Infrared (Rs IR), Total Solar Absorptance (As), Visible Reflectance (Rv), and VTransmission (Tv). Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory WINDOW NFRC certified softSHGC % improvement for commercial applications is based on a standard commercial glass makeup of Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2. SHGC for residential applications is based on a default residential glass makeup of 3mm clear glass / 1/2" air / 3mm clear glass. Results for SHGC were obtained using the center of glass. Acoustical performance was tested in accordance with ASTM C423: NRC is Noise Reduction Coefficient; SAA is Sound Absorption Average. For up-to-date test results, performance specifications and larger samcontact Mermet at info@MermetUSA.com

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