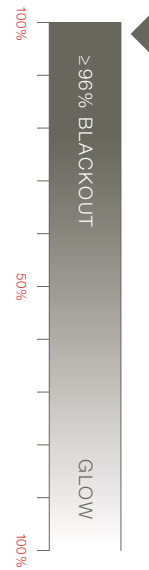




Privacy | 0% openness



# Avila Twilight

## Specifications

Item Number	082336
Product Category	Privacy
Fabric Style	Blackout
Openness Factor	0%
Composition	37.5% Polyester   62.5% Acrylic
UV Blockage	Approximately 100%
Standard Packaging	Rolls of 30 ly (27 lm)
Width	118" (300cm)
Weight	12.86 oz/yd <sup>2</sup> (436 g/m <sup>2</sup> ) ± 5%
Thickness	0.017" (0.43 mm) ± 5%

## Classifications

### Fire Classifications

NFPA 701-10 TM#1, California U.S. Title 19;  
CAN/ULC-S109-03 Small & Large Flame Test  
ASTM E2180

### Bacterial Resistance

Invisible fabric protector that repels most stain-causing agents and facilitates easy cleaning and maintenance.

### Sanitized<sup>®</sup> Antimicrobial Protection Environment Acoustic

Effectively reduces the development of bacteria, odor and mildew.  
PVC-Free, GREENGUARD Certified, RoHS Lead-Free  
NRC: 0.05, SAA: 0.03

## Fabrication

**Cutting:** Cold, Ultrasonic, Crush

**Welding:** Heat Impulse, high-frequency. For exceptional weld bond strength, use Mermet adhesive film tape | *Item #103218.*

## Avila Twilight\*

ITEM	COLOR	SIDE
000002	White	Roomside
	White	Streetside
000016	Chalk	Roomside
	White	Streetside
000017	Canvas	Roomside
	White	Streetside
000020	Linen	Roomside
	White	Streetside
C00015	Khaki	Roomside
	White	Streetside
000014	Marine	Roomside
	White	Streetside
000101	Pewter	Roomside
	Pewter	Streetside
030030	Charcoal	Roomside
	Charcoal	Streetside
006060	Black	Roomside
	Black	Streetside

FABRIC					FABRIC+GLASS		ILLUMINANCE	
thermal		optical			thermal	blackout		glow
Rs	As	Ts	Rv	Tv	SHGC Improvement			
81	19	0	88	0		97%	3%	
65	35	0	71	0	58%	97%	3%	
66	34	0	70	0		99%	1%	
63	37	0	70	0	55%	99%	1%	
75	25	0	79	0		96%	4%	
65	35	0	71	0	53%	96%	4%	
60	40	0	62	0		100%	0%	
65	35	0	70	0	55%	100%	0%	
39	61	0	41	0		100%	0%	
65	35	0	71	0	58%	100%	0%	
46	54	0	29	0		100%	0%	
65	35	0	71	0	58%	100%	0%	
18	82	0	20	0		100%	0%	
19	81	0	20	0	26%	100%	0%	
38	62	0	15	0		100%	0%	
9	91	0	9	0	18%	100%	0%	
4	96	0	3	0		100%	0%	
4	96	0	4	0	16%	100%	0%	

## Warranty

10 Year Interior Warranty

## Care & Cleaning

Remove dust with a vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. The front side of Avila is treated with DURAGUARD<sup>®</sup> Fabric Protector and can therefore be spot cleaned by gently blotting with a sponge or soft brush dipped in lukewarm soapy water using a mild detergent. The foam coating on the back side should not get wet. A dry chemical sponge or clean white pencil eraser can be used to remove small stains.

Mermet Corporation  
5970 N. Main Street ■ Cowpens, SC 29330  
Ph 1.866.902.9647 ■ Fx 1.866.902.8522  
info@mermetusa.com

\* Offered in fire-resistant rated commercial and residential options.

\*\* The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Solar Transmittance (Ts), Solar Reflectance (Rs), Solar Absorptance (As), Visible Reflectance (Rv), and Visible Transmission (Tv). Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory Window 7.3 NFRC certified software and a standard commercial glass makeup of Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2. Results for SHGC were obtained using the center of glass. Acoustical performance tested in accordance with ASTM C423-09a: NRC is Noise Reduction Coefficient, SAA is Sound Absorption Average. For up-to-date test results, performance specifications and larger samples, contact the Mermet Technical Department at: [www.mermetusa.com](http://www.mermetusa.com).

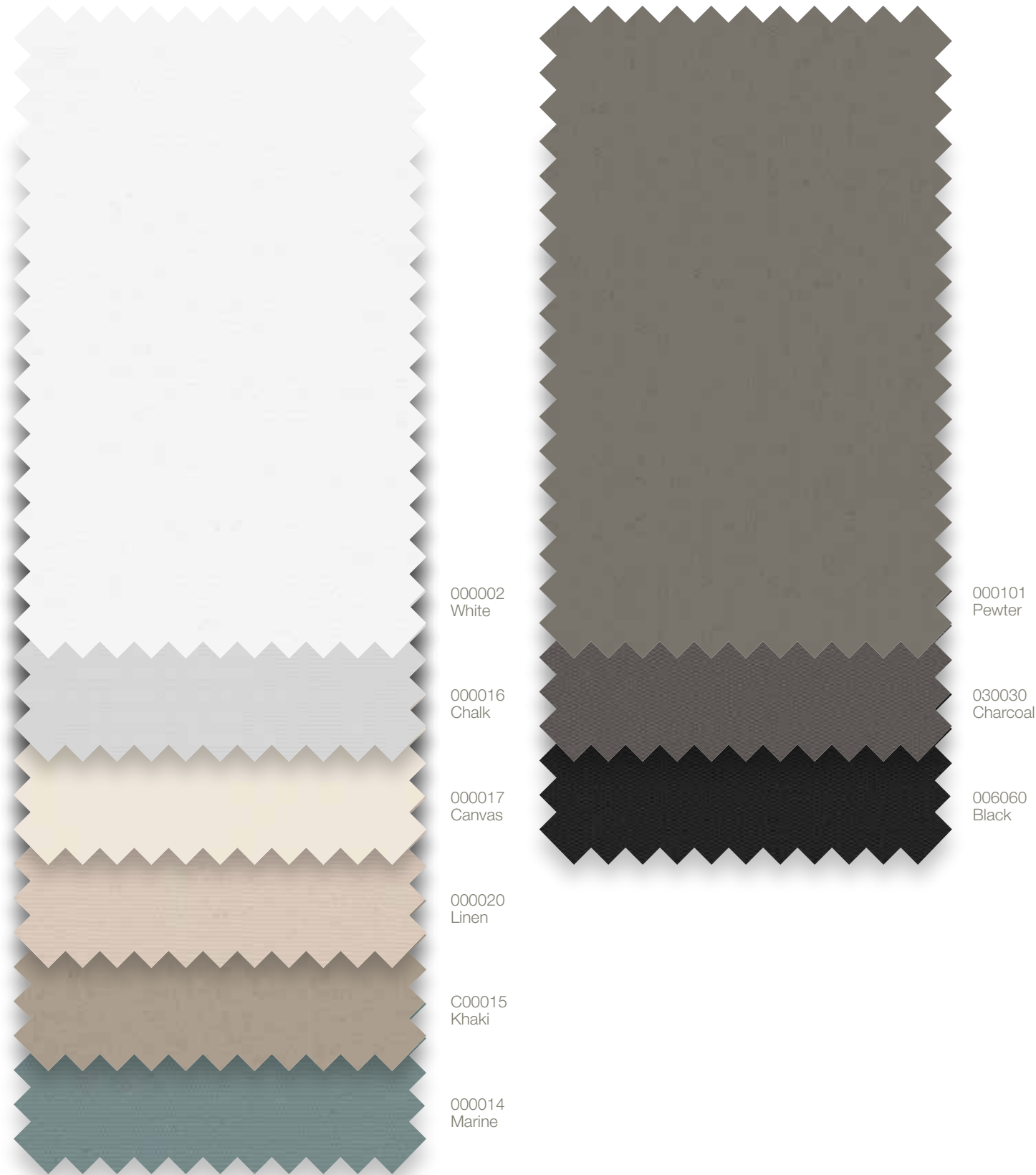


Sun Control Textiles™

[mermetusa.com](http://mermetusa.com)



# Avila Twilight: Harmonize shade fabrics with exterior building facade design.



# Maintain the integrity of your building design.

Avila Twilight is one of the most versatile solar shade fabric collections on the market today, offering nine room-facing colors and a diverse palette of coordinating streetside colors for design uniformity. Avila Twilight is redefining the traditional role of solar shade fabric solutions to one of a critical design asset by allowing for the exterior aesthetics of the shades and their impact on glazing appearance to be consistent with the design intent of the building facade. Architects and designers who specify Avila Twilight are now able to achieve interior and exterior design objectives with complete light control, and without compromising performance.

# Create customized streetside presentations.

Coordinate shade fabric colors with spandrel and vision glass, along with other exterior building materials, to create sleek, streamlined buildings.



**White backing to streetside**



**Grey backing to streetside**



**Black backing to streetside**

# Control light levels.

Privacy fabrics provide complete light blockage or illuminated glow with limited or no view. Not all privacy fabrics are alike and many have different levels of glow, ranging from complete glow to complete blackout. Mermet uses a light box to measure fabric illuminance and reports these values as a percentage.

