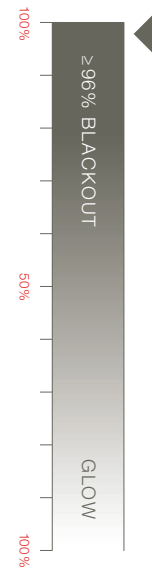




Privacy | 0% openness



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 in (300 cm)
Weight	12.09 oz/yd ² (410 g/m ²) ±10%
Thickness	0.017 in (0.42 mm) ±10%

Classifications

Fire Classifications	NFPA 701-10 TM#1, California U.S. Title 19, CAN/ULC-S109 Small & Large Scale
Bacterial & Fungal Resistance	ASTM E2180
Environment	RoHS - Lead Free, GREENGUARD Gold
Acoustic	NRC 0.05, SAA 0.03

Fabrication

Cutting: Cold, Ultrasonic or Crush
Welding: Heat Impulse, High Frequency. For exceptional weld bond strength, use Mermet adhesive film tape | Item #103218.

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

Avila Twilight

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

Rs (%)	FABRIC		FABRIC + GLASS		ILLUMINANCE		
	thermal Total Solar As (%)	Ts (%)	optical Rv (%)	Tv (%)	SHGC % Improvement	Blackout (%)	Glow (%)
65	35	0	71	0	58	97	3
81	19	0	88	0	66	97	3
63	37	0	70	0	55	99	1
66	34	0	70	0	55	99	1
65	35	0	71	0	58	96	4
75	25	0	79	0	63	96	4
65	35	0	70	0	55	100	0
60	40	0	62	0	50	100	0
65	35	0	71	0	58	100	0
39	61	0	41	0	37	100	0
65	35	0	71	0	58	100	0
46	54	0	29	0	32	100	0
19	81	0	20	0	26	100	0
18	82	0	20	0	26	100	0
9	91	0	9	0	18	100	0
38	62	0	15	0	24	100	0
4	96	0	4	0	16	100	0
4	96	0	3	0	16	100	0

*Roomside: identified by the fabric side; Streetside: identified by the coated side.

Warranty

10 Year Interior

Care & 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. The front side of Avila is treated with DURAGUARD® 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.

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. SHGC % improvement for commercial applications is based on a standard commercial glass makeup of Double Glazing 6 mm / 1/8" air / 6 mm with low E on surface #2. Results for SHGC were obtained using the center of glass. Acoustical performance was 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.

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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.

