

Avila Daylight™ & Avila Twilight™

Privacy | <1% openness

Privacy | 0% openness | Blackout



Specifications

Item Number	D63328
Product Category	Privacy
Openness Factor	<1%
Composition	100% Polyester
UV Blockage	Approximately 99%
Standard Packaging	Rolls of 30 ly (27 lm)
Width	118 in (300 cm)
Weight	6.20 oz/yd² (210 g/m²) ±10%
Thickness	0.012 in (0.31 mm) ±10%

Classifications

Fire Classifications	ASTM E84 (Class A) California Technical Bulletin #117
Bacterial & Fungal Resistance	ASTM E2180, ASTM G21
Environment	RoHS - Lead Free, GREENGUARD Gold
Acoustical Performance	NRC 0.05, SAA 0.03

Warranty

Fabrication

Avila Daylight™

ITEM	COLOR
000002	White
000017	Canvas
000020	Linen
000016	Chalk
000012	Frost

Avila Twilight™

ITEM	COLOR	SIDE*
000002	White	Streetside
		Roomside
000017	Canvas	Streetside
		Roomside
000020	Linen	Streetside
		Roomside
000016	Chalk	Streetside
		Roomside
000012	Frost	Streetside
		Roomside
000018	Ash	Streetside
		Roomside
000001	Pewter	Streetside
		Roomside
000050	Graphite	Streetside
		Roomside
000060	Black	Streetside
		Roomside

Care & Handling

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

mermetusa.com

Avila Twilight™

Item Number	063328
Product Category	Privacy
Openness Factor	0% - Blackout
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	12.24 oz/yd² (415 g/m²) ±10%
Thickness	0.018 in (0.46 mm) ±10%

Fire Classifications	ASTM E84 (Class B) California Technical Bulletin #117
Bacterial & Fungal Resistance	ASTM E2180
Environment	RoHS - Lead Free, GREENGUARD Gold
Acoustical Performance	NRC 0.05, SAA 0.03

10 Year Interior

Fire Classifications	ASTM E84 (Class A) California Technical Bulletin #117
Bacterial & Fungal Resistance	ASTM E2180, ASTM G21
Environment	RoHS - Lead Free, GREENGUARD Gold
Acoustical Performance	NRC 0.05, SAA 0.03

5 Year Interior

Cutting: Cold, Ultrasonic Recommended | **Welding:** Heat Impulse, High Frequency. For exceptional weld bond strength, Mermet recommends our stocked adhesive film (Item #103215).
We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabric specifications.

FABRIC			optical		FABRIC + GLASS		ILLUMINANCE	
thermal Total Solar					commercial			
Rs %	As %	Ts %	Rv %	Tv %	SHGC	BLACKOUT%	GLOW%	
59	5	36	65	35	0.38	0	100	
51	9	40	54	39	0.42	0	100	
44	22	34	45	31	0.45	0	100	
48	15	37	50	36	0.43	0	100	
45	22	33	46	31	0.44	0	100	

FABRIC			optical		FABRIC + GLASS		ILLUMINANCE	
thermal Total Solar					commercial			
Rs %	As %	Ts %	Rv %	Tv %	SHGC	BLACKOUT%	GLOW%	
68	32	0	74	0	0.25	99	1	
84	16	0	91	0	0.15	99	1	
69	31	0	74	0	0.25	94	6	
75	25	0	79	0	0.22	94	6	
68	32	0	74	0	0.25	99	1	
59	41	0	61	0	0.31	99	1	
68	32	0	74	0	0.25	98	2	
65	35	0	69	0	0.27	98	2	
69	31	0	76	0	0.24	99	1	
57	43	0	62	0	0.31	99	1	
69	31	0	76	0	0.24	100	0	
33	67	0	37	0	0.44	100	0	
67	33	0	74	0	0.25	100	0	
18	82	0	19	0	0.51	100	0	
68	32	0	76	0	0.25	100	0	
7	93	0	8	0	0.55	100	0	
68	32	0	74	0	0.25	100	0	
4	96	0	4	0	0.57	100	0	

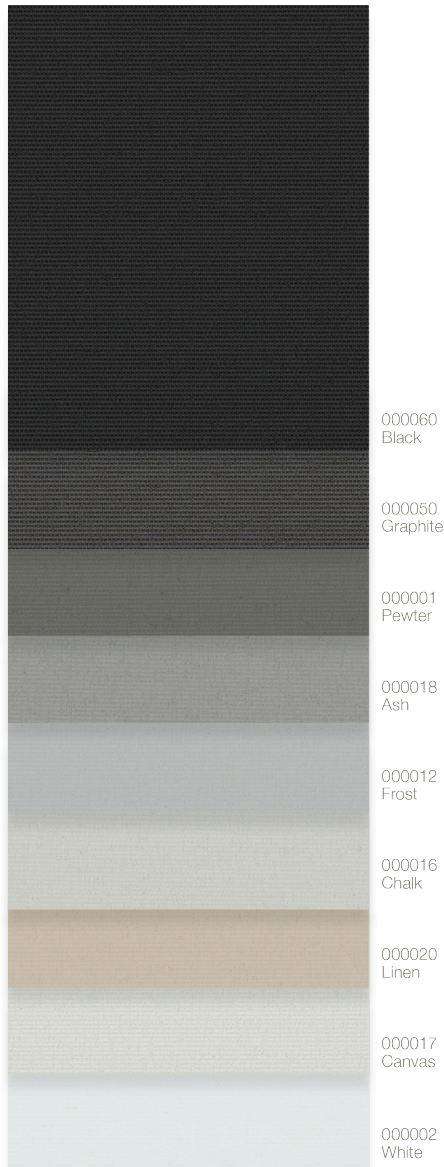
*Roomside: identified by the fabric side; Streetside: identified by the coated side.
Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. The front side of Avila is treated with DURAGUARD® Fabric Protector and in addition to DURAGUARD®, also treated with SANITIZED®. Therefore, Avila can 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 E901 & ASTM E903-96: Solar Transmittance (Ts), Solar Reflectance (Rs), Solar Absorptance (As), Visible Reflectance (Rv), and Visible Transmittance (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 / 1/4" 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 C425-09a: NRC is Noise Reduction Coefficient, SAA is Sound Absorption Average. Blackout % is based on calculated luminosity using a 30s camera exposure with 100,000 incident lux. For up-to-date test results, performance specifications and larger samples, contact the Mermet Technical Department at: www.mermetusa.com.

Avila Twilight™

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Fire rated for residential applications



0%

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A Translucent, Light-Filtering Fabric

Introducing Avila Daylight, offered in the same five lightest colors of Avila Twilight, provides both privacy and natural daylighting while maintaining the option to be paired with Avila Twilight.



<1%

