

ELBA DAYLIGHT™ TWILIGHT™

SHADES BY MATISS



LIGHT FILTERING (LF)

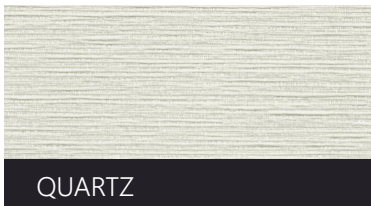
The Light Filtering fabric softly diffuses natural light while maintaining daytime privacy and creating a warm, inviting atmosphere



BLACKOUT (BO)

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

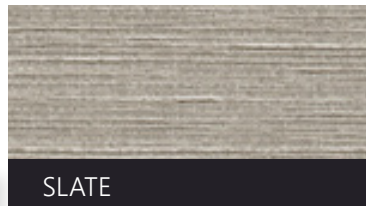
ELBA DAYLIGHT™ | ELBA TWILIGHT™



QUARTZ



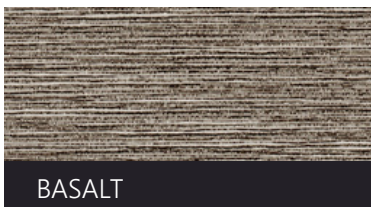
LIMESTONE



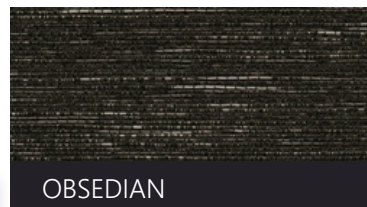
SLATE



PUMICE



BASALT



OBSIDIAN

Elba Daylight™ -

A bold, textured, light-filtering fabric made of polyester with an acrylic coating, providing privacy while softly diffusing natural light. Designed with a color palette that complements its blackout counterpart, Elba Twilight.

Elba Twilight -

A bold textured blackout fabric composed of polyester with an acrylic foam coating. Provides complete privacy in 6 decorative colorways.

ELBA TWILIGHT™

LIGHT FILTERING ROLLER SHADE CLOTH

SPECIFICATIONS

Product Category	Privacy
Openness Factor	0%
UV Blockage	Approximately 100%
Fabric Style	Blackout
Item #	022400
Composition	100% polyester with acrylic coating
Standard Packaging	Rolls of 33 ly (30 lm)
Width	118" (300 cm)
Weight	11.8 oz / yd ² (400 g / m ²) ± 10%
Thickness	0.027" (0.68 mm) ± 10%

Color#	Color Name	Side	Fabric Properties						Fabric & Glass	Illuminance	
			Rs IR (%)	Thermal			Optical			SHGC	Black-out %
			Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)				
000QUA	Quartz	street	76	80	20	0	88	0	0.19	98	2
		room	70	75	25	0	80	0	0.22	98	2
000PMC	Pumice	street	81	82	18	0	89	0	0.18	98	2
		room	76	73	27	0	73	0	0.24	98	2
000LIM	Limestone	street	80	84	16	0	91	0	0.17	99	1
		room	70	68	32	0	68	0	0.27	99	1
000SLA	Slate	street	76	80	20	0	87	0	0.19	99	1
		room	76	64	36	0	56	0	0.3	99	1
000BAS	Basalt	street	62	68	32	0	77	0	0.26	98	2
		room	65	52	48	0	42	0	0.36	98	2
000OBS	Obsidian	street	81	82	18	0	87	0	0.18	99	1
		room	35	24	76	0	14	0	0.5	99	1

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 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



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 for the most current information



ELBA DAYLIGHT™

LIGHT FILTERING ROLLER SHADE CLOTH

SPECIFICATIONS

Product Category	Privacy
Openness Factor	< 1%
UV Blockage	Approximately 99%
Fabric Style	Jacquard
Item #	D22400
Composition	100% Polyester
Standard Packaging	Rolls of 33 ly (30 lm)
Width	118" (300 cm)
Weight	5.60 oz / yd ² (191 g / m ²) ± 5%
Thickness	0.022" (0.55 mm) ± 10%

Color#	Color Name	Fabric Properties						Fabric & Glass	Illuminance	
		Rs IR (%)	Thermal		Optical		SHGC		Black-out %	Glow %
			Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)			
000QUA	Quartz	54	57	4	39	60	40	0.41	0	100
000PMC	Pumice	54	53	9	38	53	36	0.42	0	100
000LIM	Limestone	53	52	11	37	52	35	0.42	0	100
000SLA	Slate	53	45	22	33	38	27	0.45	0	100
000BAS	Basalt	56	43	30	27	32	18	0.46	0	100
000OBS	Obsidian	55	34	43	23	16	10	0.6	0	100

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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: 0.20, SAA: 0.20

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