



Sun Control Textiles™

Product Specifications Sheet

Zora Twilight™

Specifications

Product Category: Privacy	Composition: 100% polyester with acrylic coating	White Backing
Openness Factor: 0%	Roll Length: Standard Rolls of 33 ly (30 lm)	Weight: 12.8 oz / yd2 (433 g / m2) ± 10%
UV Blockage: Approximately 100%	Width: 126" (320 cm)	Thickness: 0.021" (0.53 mm) ± 10%
Fabric Style: Blackout		Color Matched Backing
Item #: 022100		Weight: 11.0 oz / yd2 (374 g / m2) ± 10%
		Thickness: 0.017" (0.44 mm) ± 10%

Fenestration Data

Color #	Color Name	Side*	Fabric Properties						Fabric & Glass	Illuminance	
			Rs IR (%)	Total Solar			Rv (%)	Tv (%)		SHGC	Blackout %
				Rs (%)	As (%)	Ts (%)					
002002	White/White	street	65	70	30	0	77	0	0.25	100	0
		room	80	84	16	0	92	0	0.16	100	0
016002	Chalk/White	street	66	70	30	0	77	0	0.25	100	0
		room	61	63	37	0	67	0	0.29	100	0
012002	Frost/White	street	70	73	27	0	79	0	0.23	100	0
		room	50	53	47	0	58	0	0.35	100	0
017002	Canvas/White	street	70	73	27	0	79	0	0.23	100	0
		room	67	68	32	0	72	0	0.27	100	0
020002	Linen/White	street	70	73	27	0	79	0	0.23	100	0
		room	53	52	48	0	54	0	0.35	100	0
015002	Khaki/White	street	65	70	30	0	77	0	0.25	100	0
		room	36	38	62	0	41	0	0.43	100	0
001002	Pewter/White	street	67	70	30	0	77	0	0.25	100	0
		room	15	18	82	0	20	0	0.52	100	0
050002	Graphite/White	street	64	69	31	0	76	0	0.25	100	0
		room	8	8	92	0	9	0	0.56	100	0
060002	Black/White	street	71	74	26	0	80	0	0.23	100	0
		room	3	3	97	0	3	0	0.58	100	0
001001	Pewter/Pewter	street	16	17	83	0	17	0	0.53	100	0
		room	15	18	82	0	20	0	0.52	100	0
050050	Graphite/Graphite	street	7	7	93	0	7	0	0.57	100	0
		room	7	8	92	0	9	0	0.56	100	0
060060	Black/Black	street	5	6	94	0	6	0	0.57	100	0
		room	3	3	97	0	3	0	0.58	100	0

*Room side: identified by the fabric side; Street side: identified by the coated side

Fabric properties may vary from the values reported due to standard variations in the manufacturing process. The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Solar Reflectance in Infrared (Rs IR), Total 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 7.8 NFRC certified software. SHGC % 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. Blackout testing is based on 100,000 lux illuminance. For up-to-date test results, performance specifications and larger samples, contact Mermet at info@mermetusa.com.

Fabrication Methods:

Cutting: Crush, cold, or ultrasonic
Welding: Mermet 103218 Tape is Recommended.
350°F. 15s.
Radio frequency, impulse, hot air, wedge

Fire Classifications:

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

Bacterial Resistance:

ASTM E2180

Environmental Benefits:

RoHS - Lead Free
GREENGUARD Gold

We recommend testing all cutting and welding methods or settings with your equipment to confirm they meet your individual fabrication specifications.

Care & Handling

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.

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