T Screen Classic 3%

Specifications

Product Category:	Decorative	**Composition:**	36% fiberglass / 64% vinyl
Openness Factor:	3%	**Standard Packaging:**	Rolls of 30 ly (27 lm)
UV Blockage:	Approximately 97%	**Width:**	98" (250 cm)
Fabric Style:	Offset Twill	**Weight:**	11.6 oz / yd2 (395 g / m2) ± 5%
Item #:	009803	**Thickness:**	.025" (0.64 mm) ± 5%

Fenestration Data

			Fabric Properties					Fabric & Glass			
			Thermal			Optical		Commercial		Residential	
			Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC	
Color#	Color Name	Side*	Rs (%)	As (%)	Ts (%)			Interior	Exterior	Interior	Exterior
010030	Sable/Charcoal	room	15	77	8	16	6	18	82	0.58	0.12
		street	25	68	7	25	6	24	84	0.53	0.11
002020	White/Linen	room	61	22	17	64	14	47	79	0.35	0.15
		street	66	17	17	70	13	53	79	0.32	0.15
00M163	White/Sable-Mustard	room	56	28	16	57	13	42	79	0.38	0.15
		street	64	21	15	67	12	50	82	0.33	0.13
00M164	White/Sable-Cocoa	room	44	44	12	45	9	34	82	0.44	0.13
		street	59	30	11	63	9	47	84	0.35	0.11
010020	Sable/Linen	room	43	43	14	42	10	32	82	0.45	0.14
		street	39	47	14	37	10	29	79	0.47	0.14
061061	Cocoa/Cocoa	room	7	89	4	7	3	13	84	0.62	0.10
		street	7	89	4	7	3	13	84	0.62	0.10
002002	White/White	room	70	12	18	75	15	55	79	0.30	0.15
		street	70	12	18	75	15	55	79	0.30	0.15
002007	White/Pearl	room	49	38	13	52	11	39	79	0.41	0.14
		street	60	28	12	65	10	47	84	0.34	0.12
00M116	White/Charcoal-Grey	room	36	54	10	38	8	32	82	0.48	0.12
		street	54	37	9	58	7	45	87	0.37	0.10
000M85	Charcoal/Linen-Pearl	room	18	77	5	20	4	21	84	0.56	0.10
		street	8	88	4	9	4	16	84	0.61	0.11
030001	Charcoal/Grey	room	11	84	5	10	4	16	84	0.60	0.11
		street	6	90	4	6	4	13	84	0.62	0.11
030030	Charcoal/Charcoal	room	4	93	3	4	3	13	84	0.63	0.10
		street	4	93	3	4	3	13	84	0.63	0.10

*__Room side__: identified by the dominant diagonal line moving up toward the right; __Street side__: identified by the dominant diagonal line moving down toward the right.

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 / ½" 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 C423-09a: 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.

Fabrication Methods:
Cutting: cold, ultrasonic or crush
Welding: radio frequency, high frequency, impulse, hot air, wedge

Fire Classifications:
NFPA 701-10 TM#1, California U.S. Title 19
CAN/ULC-S109-03 Small Flame Test

Bacterial and Fungal Resistance:
ASTM E2180, ASTM G21

Environmental Benefits:
RoHS - Lead Free

Acoustical Performance:
NRC: 0.15, SAA: 0.15

We recommend testing all cutting and welding methods prior to use 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.

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