

T SCREEN™

T SCREEN™ HIGH PERFORMANCE | 1% 3% OPENNESS

 **SHADES BY MATISS**



WHITE WHITE



WHITE WHITE STEEL



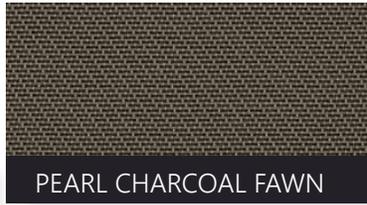
WHITE GREY



WHITE CHARCOAL



PEARL STONE FAWN



PEARL CHARCOAL FAWN



PEARL CHARCOAL



CHARCOAL WHITE*



CHARCOAL GREY WHITE*



CHARCOAL GREY STONE*



CHARCOAL COCOA STEEL*



CHARCOAL CHARCOAL IRON*

*Available in KOOLBLACK® Technology.

KOOLBLACK™
TECHNOLOGY

An elegant and distinctive dual-sided, vinyl coated fiberglass fabric that has an assortment of room side and street side colors. This fabric is a reversible, satin weave pattern, allowing the end user versatility of design.

T SCREEN™

HIGH PERFORMANCE | 1% 3% OPENNESS

SPECIFICATIONS

Fabric Style	UV Blockage	Composition	Standard Roll Length	Warranty
Satin	Approximately 97%-99%	36% Fiberglass, 64% Vinyl	30 ly (27 lm)	5 Year Exterior / 10 Year Interior

E SCREEN™

Openness	Item No.	Width 78"	Width 98"	Width 122"	Weight (oz/ yd2)	Thickness (inches)
1%	006701	Yes		Yes	13.83	0.028
3%	006703	Yes		Yes	12.59	0.027

Available Colors

White/White	Pearl/Stone-Fawn
White/White-Steel	Charcoal/White
White/Grey	Charcoal/Grey-White
White/Charcoal	Charcoal/Grey-Stone
Pearl/Charcoal	Charcoal/Charcoal-Steel
Pearl/Charcoal-Fawn	Charcoal/Charcoal-Iron



E SCREEN™ KOOLBLACK

KOOLBLACK
TECHNOLOGY

Openness	Item No.	Width 78"	Width 98"	Width 122"	Weight (oz/ yd2)	Thickness (inches)
1%	009701		Yes	Yes	13.54	0.024
3%	009703		Yes	Yes	13.27	0.029

Available Colors

- Charcoal/White
- Charcoal/Grey-White
- Charcoal/Grey-Stone
- Charcoal/Charcoal-Steel
- Charcoal/Charcoal-Iron



Sun Control Textiles™

Mermet Corporation
5970 N. Main Street Cowpens, SC 29330
1.866.902.9647 info@MermetUSA.com
MermetUSA.com

Product performance and specification data is subject to change, visit www.Mermetusa.com for the most current information



T SCREEN™

PRODUCT SPECIFICATIONS SHEET

T Screen™ 1%

Openness Factor	1%	Standard Packaging	Rolls of 30 ly (27 lm)
UV Blockage	Approximately 99%	Width	78" (200 cm), 122" (310 cm)
Fabric Style	Satin	Weight	13.83 oz/yd ² (469 g/m ²) ±5%
Item #	006701	Thickness	0.027" (0.70 mm) ±5%
Composition	36% fiberglass / 64% vinyl		

Color #	Color Name	Side*	Fabric Properties						Fabric & Class			
			Rs IR (%)	Thermal			Optical		Commercial		Residential	
				Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)	Interior SHGC % Improvement	Exterior SHGC Improvement	Interior SHGC Improvement	Exterior SHGC Improvement
A02A02	White/White	street (white)	73	76	8	16	81	14	63	79	0.24	0.13
A02A02	White/White	room	73	76	8	16	81	14	63	79	0.24	0.14
A2M228	White/White-Steel	street (white)	69	72	16	12	77	10	61	84	0.25	0.11
A2M228	White/White-Steel	room	59	59	28	13	61	11	47	79	0.33	0.14
A02A01	White/Grey	street (white)	63	65	27	8	69	6	55	87	0.29	0.08
A02A01	White/Grey	room	37	34	57	9	32	7	32	79	0.45	0.13
A02A30	White/Charcoal	street (white)	56	60	36	4	65	4	53	89	0.31	0.07
A02A30	White/Charcoal	room	15	17	78	5	19	4	24	79	0.52	0.13
A07A30	Pearl/Charcoal	street (pearl)	26	28	69	3	30	3	32	84	0.47	0.1
A07A30	Pearl/Charcoal	room	9	10	86	4	10	3	18	82	0.55	0.12
A7M287	Pearl/Charcoal-Fawn	street (pearl)	29	30	66	4	31	3	32	84	0.46	0.1
A7M287	Pearl/Charcoal-Fawn	room	17	16	80	4	17	3	24	82	0.52	0.12
A7M287	Pearl/Stone-Fawn	street (pearl)	32	33	60	7	35	5	32	82	0.45	0.12
A7M287	Pearl/Stone-Fawn	room	33	33	60	7	34	5	32	82	0.45	0.12
A30A02	Charcoal/White	street (charcoal)	9	10	87	3	11	3	18	82	0.55	0.12
A30A02	Charcoal/White	room	42	45	52	3	49	3	42	87	0.38	0.08
3AM102	Charcoal/Grey-White	street (charcoal)	7	7	91	2	8	2	18	82	0.56	0.12
3AM102	Charcoal/Grey-White	room	29	30	68	2	31	2	32	84	0.46	0.09
A0M122	Charcoal/Grey-Stone	street (charcoal)	6	6	91	3	6	3	18	79	0.56	0.13
A0M122	Charcoal/Grey-Stone	room	21	22	75	3	22	3	26	84	0.5	0.1
3AM328	Charcoal/Charcoal-Steel	street (charcoal)	5	5	93	2	5	2	16	82	0.57	0.12
3AM328	Charcoal/Charcoal-Steel	room	12	12	86	2	12	2	21	82	0.54	0.11
3AM329	Charcoal/Charcoal-Iron	street (charcoal)	4	4	94	2	4	2	16	82	0.57	0.12
3AM329	Charcoal/Charcoal-Iron	room	7	6	92	2	6	2	18	82	0.56	0.12

Fabrication Methods:

Cutting: Crush, cold, or ultrasonic

Welding: Fabric welds without tape. 200-275°F. 5-10s

Radio frequency, impulse, hot air, or wedge

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



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Fire Classifications:

NFPA 701 TM#1, California U.S. Title 19

CAN/ULC-S109

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Care and Cleaning

Remove dust with a soft duster, cloth, sponge, vacuum cleaner, or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. For minor stains clean with a soft cloth, sponge, or soft brush dipped in lukewarm soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. For tougher stains and disinfecting instructions visit www.MermetUSA.com.

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 G173 & ASTM E903: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Solar Reflectance in Infrared (Rs IR), Total Solar Absorbance (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 WINDOWFRC certified software. SHGC% improvement for commercial applications is based on a standard commercial glass make up of Double Glazing 6mm/1/2" air /6mm with low Eonsurface#2. SHGC for residential applications is based on a default residential glass make up of 3mm clearglass/1/2" air /3mm clearglass. 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 large rsamples. contact Mermet at info@MermetUSA.com.

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MASSACHUSETTS
 H4900 COMPLIANT

T SCREEN™

PRODUCT SPECIFICATIONS SHEET

T Screen™ 3%

Openness Factor	3%	Standard Packaging	Rolls of 30 ly (27 lm)
UV Blockage	Approximately 97%	Width	78" (200 cm), 122" (310 cm)
Fabric Style	Satin	Weight	12.59 oz/yd ² (427 g/m ²) ±5%
Item #	006703	Thickness	0.027" (0.68 mm) ±5%
Composition	36% fiberglass / 64% vinyl		

Color #			Fabric Properties						Fabric & Class			
			Thermal			Optical			Commercial		Residential	
			Rs IR (%)	Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)	Interior SHGC % Improvement	Exterior Improvement	Interior SHGC Improvement	Exterior
			Total Solar									
A02A02	White/White	street (white)	72	74	8	18	79	16	61	76	0.25	0.15
A02A02	White/White	room	72	74	8	18	79	16	61	76	0.25	0.15
A2M228	White/White-Steel	street (white)	66	69	16	15	74	12	58	82	0.28	0.13
A2M228	White/White-Steel	room	58	58	26	16	61	14	47	76	0.34	0.16
A02A01	White/Grey	street (white)	61	63	27	10	67	8	53	87	0.3	0.1
A02A01	White/Grey	room	39	36	52	12	35	9	32	79	0.45	0.15
A02A30	White/Charcoal	street (white)	55	59	35	6	64	5	53	87	0.31	0.08
A02A30	White/Charcoal	room	18	20	73	7	22	7	26	79	0.51	0.14
A07A30	Pearl/Charcoal	street (pearl)	27	28	68	4	30	4	29	84	0.47	0.11
A07A30	Pearl/Charcoal	room	9	10	85	5	11	4	18	79	0.55	0.13
A7M287	Pearl/Charcoal-Fawn	street (pearl)	29	30	64	6	31	5	32	84	0.47	0.11
A7M287	Pearl/Charcoal-Fawn	room	17	17	77	6	18	5	24	79	0.52	0.13
A7M287	Pearl/Stone-Fawn	street (pearl)	32	32	59	9	34	7	32	82	0.46	0.13
A7M287	Pearl/Stone-Fawn	room	33	33	58	9	34	7	32	82	0.46	0.13
A30A02	Charcoal/White	street (charcoal)	8	9	87	4	10	4	18	79	0.55	0.13
A30A02	Charcoal/White	room	37	40	56	4	44	4	39	87	0.41	0.09
3AM102	Charcoal/Grey-White	street (charcoal)	6	7	89	4	8	4	18	79	0.56	0.13
3AM102	Charcoal/Grey-White	room	26	27	69	4	28	3	29	84	0.48	0.1
A0M122	Charcoal/Grey-Stone	street (charcoal)	5	6	90	4	6	4	16	76	0.57	0.13
A0M122	Charcoal/Grey-Stone	room	20	20	76	4	20	4	24	82	0.51	0.11
3AM328	Charcoal/Charcoal-Steel	street (charcoal)	4	5	92	3	5	3	16	79	0.57	0.13
3AM328	Charcoal/Charcoal-Steel	room	11	11	86	3	12	3	21	82	0.54	0.12
3AM329	Charcoal/Charcoal-Iron	street (charcoal)	4	4	93	3	4	3	16	79	0.57	0.12
3AM329	Charcoal/Charcoal-Iron	room	7	7	90	3	6	3	18	82	0.56	0.12

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Environmental Benefits:

RoHS – Lead Free

GREENGUARD GOLD

Acoustical Performance:

NRC: 0.15, SAA: 0.13

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H4900 COMPLIANT