

Product Specifications Sheet

T Screen™ 1%

Specifications

Product Category: Conventional
Openness Factor: 1%
UV Blockage: Approximately 99%
Fabric Style: Satin
Item #: 006701

Composition: 36% fiberglass / 64% vinyl
Standard Packaging: Rolls of 30 ly (27 lm)
Width: 78" (200cm), 122" (310 cm)
Weight: 13.83 oz / yd2 (469 g / m2) ± 5%
Thickness: 0.027" (0.70 mm) ± 5%

Fenestration Data

Color#	Color Name	Side*	Fabric Properties						Fabric & Glass			
			Rs IR (%)	Total Solar			Optical		Commercial		Residential	
				R _s (%)	A _s (%)	T _s (%)	R _v (%)	T _v (%)	SHGC % Improvement		SHGC	
									Interior	Exterior	Interior	Exterior
A02A02	White/White	street (white)	73	76	8	16	81	14	63	79	0.24	0.13
		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
		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
		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
		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	0.10
		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	0.10
		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
		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
		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
		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
		room	21	22	75	3	22	3	26	84	0.50	0.10
3AM328	Charcoal/Charcoal-Steel	street (charcoal)	5	5	93	2	5	2	16	82	0.57	0.12
		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
		room	7	6	92	2	6	2	18	82	0.56	0.12

*Room side: identified by the weft color side; Street side: identified by the warp color side

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 Transmission (Tv). Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory WINDOW 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. 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 samples, contact Mermet at info@MermetUSA.com.

Fabrication Methods:

Cutting: Crush, cold, or ultrasonic
Welding: Fabric welds without tape. 200-275°F. 5-10s.
Radio frequency, impulse, hot air, or wedge

Fire Classifications:

NFPA 701 TM#1, California U.S. Title 19
CAN/ULC-S109
Bacterial and Fungal Resistance:
ASTM E2180, ASTM G21

Environmental Benefits:

RoHS - Lead Free
GREENGUARD Gold
Acoustical Performance:
NRC: 0.15, SAA: 0.16

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

Care & Handling

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.

5970 N. Main Street • Cowpens, SC 29330

Sales Department: Ph (866) 902-9647

info@MermetUSA.com



Product Specifications Sheet

T Screen™ 3%

Specifications

Product Category: Conventional
Openness Factor: 3%
UV Blockage: Approximately 97%
Fabric Style: Satin
Item #: 006703

Composition: 36% fiberglass / 64% vinyl
Standard Packaging: Rolls of 30 ly (27 lm)
Width: 78" (200cm), 122" (310 cm)
Weight: 12.59 oz / yd2 (427 g / m2) ± 5%
Thickness: 0.027" (0.68 mm) ± 5%

Fenestration Data

Color#	Color Name	Side*	Fabric Properties						Fabric & Glass			
			Rs IR (%)	Thermal			Optical		Commercial		Residential	
				R _s (%)	A _s (%)	T _s (%)	R _v (%)	T _v (%)	SHGC % Improvement		SHGC	
									Interior	Exterior	Interior	Exterior
A02A02	White/White	street (white)	72	74	8	18	79	16	61	76	0.25	0.15
		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
		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	0.30	0.10
		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
		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
		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
		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
		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
		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
		room	26	27	69	4	28	3	29	84	0.48	0.10
A0M122	Charcoal/Grey-Stone	street (charcoal)	5	6	90	4	6	4	16	76	0.57	0.13
		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
		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
		room	7	7	90	3	6	3	18	82	0.56	0.12

*Room side: identified by the weft color side; Street side: identified by the warp color side

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 Transmission (Tv). Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory WINDOW 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. 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 samples, contact Mermet at info@MermetUSA.com.

Fabrication Methods:

Cutting: Crush, cold, or ultrasonic

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

Radio frequency, impulse, hot air, or wedge

Fire Classifications:

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

CAN/ULC-S109

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS - Lead Free

GREENGUARD Gold

Acoustical Performance:

NRC: 0.15, SAA: 0.13

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

Care & Handling

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.

5970 N. Main Street • Cowpens, SC 29330

Sales Department: Ph (866) 902-9647

info@MermetUSA.com

