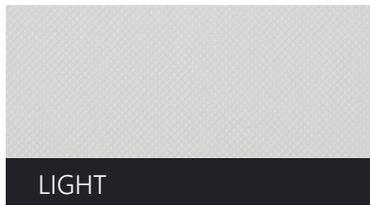


GREENSCREEN EVOLVE®

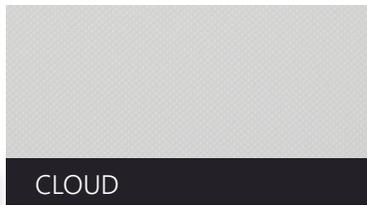


GREENSCREEN EVOLVE® 3% OPENNESS

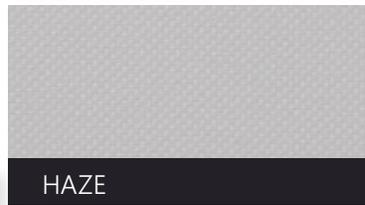
 **SHADES BY MATISS**



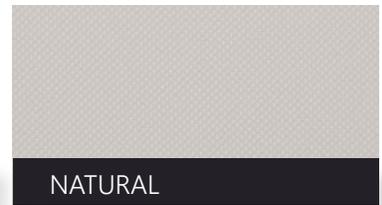
LIGHT



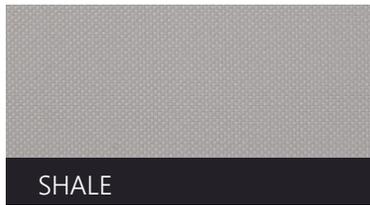
CLOUD



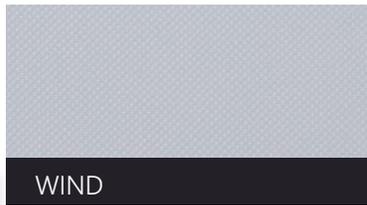
HAZE



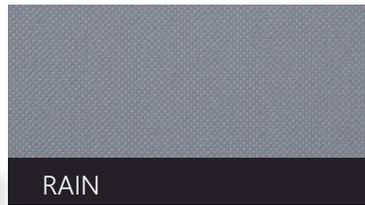
NATURAL



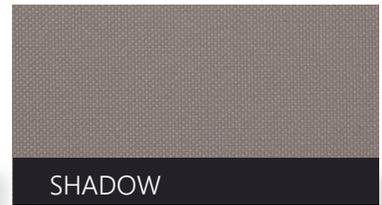
SHALE



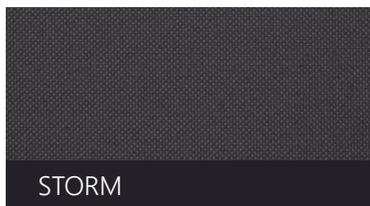
WIND



RAIN



SHADOW



STORM



MASSACHUSETTS
H4900 COMPLIANT

GreenScreen Evolve®

A zero waste, translucent polyester fabric that contains 78% recycled content made from 100% post-industrial and consumer plastic waste, 100% recyclable.

GREENSCREEN EVOLVE®

PVC FREE SCREEN

SPECIFICATIONS

Fabric Style	UV Blockage	Composition	Standard Roll Length	Warranty
Warp Knit	Approximately 97%	100% Polyester, 78% Recycled Content	35 ly (32 lm)	5 Year Interior

SPARTA TWILIGHT™

Openness	Item No.	Width 78"	Width 98"	Width 118"	Weight (oz/yd2)	Thickness (inches)
3%	003503			Yes	8.85	0.029

Available Colors

- Storm
- Rain
- Wind
- Shadow
- Shale
- Haze
- Natural
- Light
- Cloud



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



GREENSCREEN EVOLVE®

PRODUCT SPECIFICATIONS SHEET

GreenScreen Evolve® 3%

Product Category	Sustainable
Openness Factor	3%
UV Blockage	Approximately 97%
Fabric Style	Warp Knit
Item #	003503
Composition	100% polyester / 78% recycled content
Standard Packaging	Rolls of 35 ly (32 lm)
Width	118" (300 cm)
Weight	8.85 oz/yd2 (300 g/m2) ±5%
Thickness	0.029" (0.74 mm) ±5%

Color Matched Backing		Fabric Properties					Fabric & Class	
		Thermal			Optical		Commercial	Residential
		Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)	SHGC % Improvement	SHGC
Color #	Color Name	Total Solar						
00QS37	Wind	62	17	21	61	19	47	0.34
00QS26	Storm	41	45	14	19	5	24	0.46
00QS19	Rain	51	31	18	38	11	34	0.41
00QS21	Shadow	47	32	21	35	14	32	0.43
00QS22	Shale	54	25	21	46	16	37	0.39
00QS35	Haze	61	17	22	58	19	45	0.35
00QS38	Natural	63	14	23	63	22	47	0.34
00QS23	Light	66	11	23	68	23	50	0.32
00QS39	Cloud	69	8	23	71	23	53	0.3

Fabrication Methods:

Cutting: Crush, cold, or ultrasonic

Welding: Mermet 103218 Tape is

Recommended. 250-275°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

Cradle to Cradle - Bronze
Declare Label

Acoustical Performance:
NRC: 0.20, SAA: 0.21

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 G17/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 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 sample contact Mermet at info@MermetUSA.com.

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



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Care and Cleaning

Regular light dusting with a feather duster is suggested. A hand-held vacuum with low suction may also be used. When vacuuming, avoid pulling or stretching the fabric. Rigorous vacuuming is not recommended since this could distort the fabric. Alternatively, dirt and debris can be blown away using compressed air or hand-held air dryer on the cool setting. Alternatively, a dry chemical sponge may also be used for spot cleaning. For tougher stains and disinfecting instructions visit www.MermetUSA.com.

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



Declare.



MASSACHUSETTS
H4900 COMPLIANT