



Sun Control Textiles™

Product Specifications Sheet

GreenScreen Revive® 1%

Specifications



Product Category: Sustainable	Composition: 100% polyester / 89% recycled content
Openness Factor: 1%	Standard Packaging: Rolls of 50 ly (46 lm)
UV Blockage: Approximately 99%	Width: 118" (300 cm)
Fabric Style: Warp Knit	Weight: 5.87 oz / yd2 (199 g / m2) ± 5%
Item #: 002501	Thickness: .019" (0.49 mm) ± 5%

Fenestration Data

Color#	Color Name	Fabric Properties					Fabric & Glass	
		Thermal			Optical		Commercial	Residential
		Total Solar			Rv (%)	Tv (%)	SHGC % Improvement	SHGC
Rs (%)	As (%)	Ts (%)						
000001	Pewter	43	38	19	25	8	24	0.46
000002	White	66	6	28	68	27	50	0.33
000010	Sand	61	13	26	60	23	45	0.36
000020	Linen	58	17	25	55	20	42	0.38
000055	Mushroom	46	34	20	32	10	29	0.45
000071	Suede	39	42	19	20	7	21	0.48
000015	Dusk	36	50	14	11	2	18	0.50
000022	Stone	52	24	24	44	17	34	0.42
A00030	Onyx	34	49	17	11	5	18	0.51

The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), 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 7.3 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 C423-09a: 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. May require the use of welding tape. Please contact Mermet for more information regarding our welding tape product line.

Fire Classifications:

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

Fungal Resistance:

ASTM G21

Environmental Benefits:

RoHS - Lead Free

Acoustical Performance:

NRC: 0.20, SAA: 0.22

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

Care & Handling

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.

5970 N. Main Street • Cowpens, SC 29330

Sales Department: Ph (866) 902-9647

info@mermetusa.com



Sun Control Textiles™

Product Specifications Sheet

GreenScreen Revive® 5%

Specifications



Product Category: Sustainable

Openness Factor: 5%

UV Blockage: Approximately 95%

Fabric Style: Warp Knit

Item #: 002505

Composition: 100% polyester / 89% recycled content

Standard Packaging: Rolls of 50 ly (46 lm)

Width: 118" (300 cm)

Weight: 5.01 oz / yd2 (170 g / m2) ± 5%

Thickness: .017" (0.44 mm) ± 5%

Fenestration Data

Color#	Color Name	Fabric Properties					Fabric & Glass	
		Thermal			Optical		Commercial	Residential
		Total Solar			Rv (%)	Tv (%)	SHGC % Improvement	SHGC
Rs (%)	As (%)	Ts (%)						
000001	Pewter	37	37	26	23	14	21	0.52
000002	White	56	6	38	58	37	39	0.42
000010	Sand	54	11	35	54	33	37	0.43
000020	Linen	52	16	32	50	28	34	0.44
000055	Mushroom	42	31	27	31	18	24	0.49
000071	Suede	35	40	25	18	13	18	0.53
000015	Dusk	31	47	22	10	8	16	0.56
000022	Stone	49	24	27	43	20	32	0.45
A00030	Onyx	31	47	22	10	9	16	0.56

The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), 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 7.3 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. May require the use of welding tape. Please contact Mermet for more information regarding our welding tape product line.

Fire Classifications:

NFPA 701-10 TM#1, California U.S. Title 19

CAN/ULC-S109-03 Small & Large Flame Test

Fungal Resistance:

ASTM G21

Environmental Benefits:

RoHS - Lead Free

Acoustical Performance:

NRC: 0.15, SAA: 0.14

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

Care & Handling

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.

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