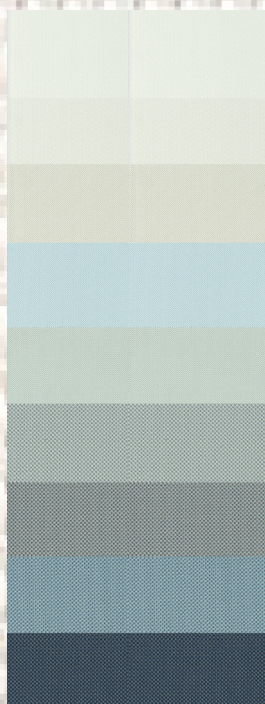


GREEN SCREEN EVOLVE 3%

Translucent

Available Colours

Cloud	QS39
Light	QS23
Natural	QS38
Wind	QS37
Haze	QS35
Shale	QS22
Shadow	QS21
Rain	QS19
Storm	QS26



Fabric Specifications

Stock Widths	118"
Openness Factor	3%
Composition	100% Polyester / 67% Recycled Content
Thickness	.027" +/- 5%
Weight	8.41 oz/sq yrd +/- 5%
Fire Rating	NFPA 701-04TM#1, California U.S. Title 19, CAN
Cleaning Instructions	Contact Manufacturer
Spline	Yes
Railroaded	Not Recommended

Mermet's "Fabrics for Life™" begin with everyday life in mind, whether at home, in the office, hospitality or healthcare. Our state-of-the-art weaving process creates designer fabrics which function beautifully to maintain the view while efficiently managing the effects of the sun.

Mermet offers over 500 fabric options for interior and exterior applications, ranging from transparent, to translucent, to blackout. A variety of openness factors from 0% to 14% offer varying degrees of privacy, view through, glare control and heat protection.

Mermet's innovative, functional fabrics are designed for solar protection, energy savings, pleasing visual aesthetics and acoustical comfort. Mermet fabrics are GREENGUARD® certified and fire rated to NFPA 701 standards.

- Bacterial and Fungal Resistance: ASTM E2180 and ASTM G21
- If you require additional fabric send E-mail to: samples@frasershading.com
- Actual fabric colours may vary from pictures, Fabric stock levels may vary.
- Openness factors are approximate. Mockups are recommended. Specification subject to change without notice. ©Fraser Shading Systems 2017



Sun Control Textiles™

Product Specifications Sheet

GreenScreen® Evolve™ 3%

Specifications

Product Category:	Sustainable	Composition:	100% Polyester / 67% Recycled Content
Openness Factor:	3%	Standard Packaging:	Rolls of 50 ly (46 lm)
UV Blockage:	Approximately 97%	Width:	118" (300 cm)
Fabric Style:	Warp Knit	Weight:	8.41oz / yd2 (285 g / m2) ± 5%
Item #:	3503	Thickness:	.027" (0.68 mm) ± 5%



Glass Performance

Glass Type	Appearance	VLT (Tv)	SHGC (G-Value)
Common Glass Types	Clear	70	0.38

Common Glass Types: Guardian SN68, Viracon 1-2 M, PPG Solarban 60

Coating and Location: Low E on Surface #2

Construction: 6 mm / 1/2" air / 6 mm

Fabric Performance

Fabric + Glass Performance

Color#	Color Name	Ts	Rs	As	VLT (Tv)	SHGC (G-Value) Interior Fabric	% Improvement of SHGC with Fabric
QS19	Rain	21	50	29	13	0.31	18%
QS21	Shadow	19	51	30	12	0.31	18%
QS22	Shale	25	53	22	19	0.30	21%
QS23	Light	29	62	9	28	0.29	24%
QS26	Storm	18	40	42	8	0.32	16%
QS35	Haze	26	59	15	23	0.29	24%
QS37	Wind	26	60	14	23	0.29	24%
QS38	Natural	28	60	12	26	0.29	24%
QS39	Cloud	28	65	7	28	0.29	24%

The performance tests were conducted in accordance with EN 14501:2005, ASTM E891, ASTM E903-96: Solar Heat Gain Coefficient SHGC (G-Value), Solar Transmittance (Ts), Solar Reflectance (Rs), Solar Absorptance (As), Visible Light Transmission VLT (Tv), Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2. Glass performance tests were conducted using the Lawrence Berkeley National Laboratory Window 6.3 NFRC certified software. Acoustical performance 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 about our welding tape product line.

Fire Classifications:

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

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS - Lead Free, PVC Free

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

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 a hand-held hair dryer on the cool setting. Alternatively, a dry chemical sponge may also be used for spot cleaning.



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