



E Screen with KOOLBLACK® Technology 5%

Specifications

Product Category:	High Performance	Composition:	36% Fiberglass / 64% Vinyl
Openness Factor:	5%	Standard Packaging:	Rolls of 30 ly (27 lm)
UV Blockage:	Approximately 95%	Width:	98" (250 cm), 122" (310 cm)
Fabric Style:	Basketweave	Weight:	10.6 oz / yd2 (358 g / m2) ± 5%
Item #:	7705	Thickness:	.019" (0.47 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
32.32	Cocoa/Cocoa	19	36	45	8	0.33	13%
32.71	Cocoa/Apricot	21	39	40	10	0.32	16%
35.32	Charcoal/Cocoa	19	32	49	7	0.33	13%
35.35	Charcoal/Charcoal	18	33	49	6	0.33	13%
35.71	Charcoal/Apricot	21	37	42	9	0.33	13%

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

Fire Classifications:

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

Environmental Benefits:

RoHS - Lead Free

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Acoustical Performance:

NRC: 0.10, SAA: 0.12

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

Care & Handling

Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.

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