



A Screen

Specifications

Product Category: Conventional

Openness Factor: 14%

UV Blockage: Approximately 86%

Fabric Style: Fancy Weave

Item #: 1414

Composition: 36% Fiberglass / 64% Vinyl-Warp
42% Fiberglass / 58% Vinyl-Weft

Standard Packaging: Rolls of 30 ly (27 lm)

Width: 98" (250 cm)

Weight: 10.4 oz / yd² (352 g / m²) ± 5%

Thickness: .021" (0.53 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
02.02	White/White	27	64	9	24	0.29	24%
02.07	White/Pearl	28	49	23	26	0.31	18%
02.10	White/Sable	28	53	19	25	0.30	21%
25.07	Mustard/Pearl	24	42	34	21	0.32	16%
25.20	Mustard/Linen	27	48	25	24	0.31	18%
25.61	Mustard/Cocoa	19	30	51	17	0.33	13%
30.20	Charcoal/Linen	16	15	69	16	0.36	5%
30.30	Charcoal/Charcoal	13	4	83	13	0.37	3%
30.61	Charcoal/Cocoa	13	5	82	12	0.37	3%

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. 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

Environmental Benefits:

RoHS - Lead Free

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

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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