

T Screen with KOOLBLACK® Technology 3%

Specifications

Product Category: High Performance
Openness Factor: 3%
UV Blockage: Approximately 97%
Fabric Style: Satin
Item #: 9703

Composition: 36% Fiberglass / 64% Vinyl
Standard Packaging: Rolls of 30 ly (27 lm)
Width: 98" (250 cm), 122" (310 cm)
Weight: 13.27 oz / yd² (450 g / m²) ± 5%
Thickness: .029" (0.74 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	Side	Ts	Rs	As	VLT (Tv)	SHGC (G-Value) Interior Fabric	% Improvement of SHGC with Fabric
02.31	White/Grey	Dark	16	50	34	10	0.31	18%
		Light	15	65	20	9	0.29	24%
02.32	White/Cocoa	Dark	16	44	40	9	0.32	16%
		Light	15	62	23	8	0.29	24%
02.35	White/Charcoal	Dark	16	43	41	9	0.32	16%
		Light	15	62	23	8	0.29	24%
K301	White/Charcoal-Grey	Dark	15	47	38	9	0.31	18%
		Light	14	64	22	8	0.29	24%
K302	White/Charcoal-Cocoa	Dark	16	44	40	9	0.32	16%
		Light	15	62	23	8	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. 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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