Mojave Solar Screen Fabric

Product Specifications

Benefits: Mojave solar screen fabric consists of PVC-coated fiberglass yarn in a weave configuration that results in a soft, linen-like appearance. Mojave is an excellent choice for residential and commercial applications.

Specifications				
Category	Solar Screen Fabric		**Composition**	36% fiberglass
Openness Factor	3% and 5%			64% vinyl
Weave style	Rib weave			0.024" (0.55 mm) ±5%
UV Blockage	3%	Approx. 97%	**Width**	122" (300 cm) ±50 mm)
	5%	Approx. 95%	**Thickness**	3%- 0.022" (0.55 mm) ±5%
Weight	3%	12.7 oz/yd2 (432 g/m2) ±5%		5%- 0.022" (0.55 mm) ±5%
	5%	11.3 oz/yd2 (384 g/m2) ±5%		

Fire Classifications:	NFPA 701-10 TM#1 California U.S. Title 19 CAN/ULC-S109-03 Small Flame Test
Anti-Microbial Properties:	ASTM E2180, ASTM G21
Certifications:	GreenGuard Gold
Environmental Benefits:	RoHS- Lead Free
Acoustical Performance:	3%:NRC: 0.35, SAA: 0.33 5%: NRC: 0.10, SAA: 0.12

Care & Handling:

Remove dust with vacuum cleaner (soft brush attachment) or compressed air. Do not scrub. Do not use solvents or any abrasive substance which 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 shade down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.

For complete technical information, current test results, performance specifications and larger samples, contact the Insolroll, Inc.

Fenestration Properties (Solar Optical Properties)

Fabrics installed internally, Zero-degree profile

3% open colors					
Color	**Ts**	**RS**	**AS**	**TV**	**SHGC***
White/White	18	71	11	16	0.28
White/Stone	21	62	17	18	0.29
Pearl/Linen	11	40	49	8	0.32
Charcoal/Apricot	5	13	82	5	0.36
Charcoal/Sable	4	12	84	4	0.36
Charcoal/Cocoa	3	5	92	3	0.37
Charcoal/Charcoal	3	4	93	3	0.37

3% open colors					
White/White	19	71	10	16	0.28

The performance tests were conducted in accordance with EN 14501-2005, ASTM E903-96. 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.

White/Stone	21	61	18	18	0.29
Pearl/Linen	12	39	49	9	0.32
Charcoal/Apricot	7	13	80	7	0.36
Charcoal/Sable	6	13	81	5	0.36
Charcoal/Cocoa	5	5	90	4	0.37
Charcoal/Charcoal	3	4	93	3	0.37

Glass Performance

Glass Type: 6mm/ 1/2"air/6mm
Low E on surface #2
Appearance: Clear
Tv- 70
SHGC (G-value)- 0.38

Definition of terms:

Ts= Solar Transmittance	Energy that is allowed to pass through
Rs= Solar Reflectance	Energy that is reflected away
As= Solar Absorptance	Energy that is absorbed by the fabric
Tv= Visible Light Transmission	Percentage of visible light that comes into the room
OF= Openness Factor	Percentage of fabric that is open (between the threads)
SHGC= Solar Heat Gain Coefficient	The percentage of incident solar radiation that is transmitted as heat to the interior through the glass and shading system*.
NRC= Noise Reduction Coefficient	
SAA= Sound Absorption Average	
CL= Clear Glass	

*Glass tested: Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2

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