Equinox Solar Screen Fabric

Product Specifications

Benefits: Equinox solar screen fabric is woven in a 2 x 2 basketweave configuration to maximize clarity of view. Available in 4 openness choices to provide versatility, and in wide roll widths to minimize the need to railroad larger shades.

Specifications:			
Category	Solar Screen Fabric	**Composition**	36% Fiberglass, 64% Vinyl
Openness Factor	1%, 3%, 5%, & 10%	**Width**	122" (300 mm) ±50 mm
UV Blockage	Approximately 90-99%	**Thickness**	1%: 0.020" (0.52 mm) ±5%
Weave style	2 x 2 Basketweave		3%: 0.017" (0.43 mm) ±5%
			5%: 0.016" (0.41 mm) ±5%
			10%: 0.022" (0.52 mm) ±5%
		Weight	1%: 13.3 oz/yd2 (452 g/m2) ±5%
			3%: 11.6 oz/yd2 (393 g/m2) ±5%
			5%: 10.7 oz/yd2 (452 g/m2) ±5%
			10%: 10.3 oz/yd2 (350 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
Acoustic Performance:	Noise Reduction Coefficient: 0.40, Sound Absorption Average: 0.40
Environmental Benefits:	RoHS: Lead Free
Care & Cleaning:	Remove dust with a vacuum cleaner or compressed air. Clean with a sponge and warm soapy water using mild detergent. Rinse with clean water. Do not scrub. Do not use solvents or abrisives that could harm the coating of the fabric. Leave the blind down until completely dry. You may 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

Color					
1% open colors	**Ts**	**RS**	**AS**	**TV**	**SHGC***
White	14	75	11	11	0.27
White/Linen	14	66	20	10	0.28
White/Pearl	9	58	33	6	0.3
Pearl	5	33	62	3	0.45
Cocoa/Apricot	3	17	80	2	0.35
Charcoal/Cocoa	2	5	93	2	0.37
Charcoal/Grey	3	9	88	2	0.36
Charcoal	1	4	95	1	0.37
3% open colors					
White	16	73	11	13	0.27
White/Linen	16	63	21	12	0.29
White/Pearl	10	52	38	8	0.3
Pearl	9	32	59	8	0.47
Cocoa/Apricot	7	19	74	6	0.35
Charcoal/Cocoa	4	7	89	3	0.37
Charcoal/Grey	5	10	85	5	0.36
Charcoal	5	4	91	4	0.37
5% open colors					
White	20	71	9	17	0.28
White/Linen	20	62	18	16	0.29

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*.
CL= Clear Glass	

*Glass tested: 1/4" Heat Absorbing. SHGC was calculated by multiplying SC (Shading Coefficient provided by mill) by 0.87.

The solar optical properties are used to calculate the shading coefficieint. The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker Colors provide maximum glare reduction and visibility.

White/Pearl	12	51	37	9	0.31
Pearl	18	33	49	14	0.48
Cocoa/Apricot	10	17	73	8	0.35
Charcoal/Cocoa	7	6	87	7	0.37
Charcoal/Grey	7	10	83	7	0.36
Charcoal	4	6	90	4	0.37
10% open colors					
White	25	66	9	22	0.28
White/Linen	25	58	17	22	0.3
White/Pearl	20	50	30	18	0.31
Pearl	26	32	42	20	0.5
Cocoa/Apricot	14	16	70	13	0.35
Charcoal/Cocoa	11	5	84	11	0.37
Charcoal/Grey	12	8	80	11	0.37
Charcoal	12	3	85	12	0.37

Insolroll Window Shading Systems | 637 S. Pierce Ave. | Louisville, CO | 80027
tel 303.665.1207 | www.insolroll.com