



## 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	
<b>Category</b>	Solar Screen Fabric
<b>Openness Factor</b>	1%, 3%, 5% and 10%
<b>Weave style</b>	2 x 2 Basket weave
<b>UV Blockage</b>	1% Approx. 99% 3% Approx. 97% 5% Approx. 95% 10% Approx. 90%
<b>Weight</b>	1% 13.3 oz/yd <sup>2</sup> (452 g/m <sup>2</sup> ) ±5% 3% 11.6 oz/yd <sup>2</sup> (393 g/m <sup>2</sup> ) ±5% 5% 10.7 oz/yd <sup>2</sup> (363 g/m <sup>2</sup> ) ±5% 10% 10.3 oz/yd <sup>2</sup> (350 g/m <sup>2</sup> ) ±5%

<b>Fire Classifications:</b>	NFPA 701-10 TM#1 California U.S. Title 19 CAN/ULC-S209-03 Small Flame Test
<b>Anti-Microbial Properties:</b>	ASTM E2180, ASTM G21
<b>Certifications:</b>	GreenGuard Gold
<b>Environmental Benefits:</b>	RoHS- Lead Free
<b>Acoustical Performance:</b>	NRC: 0.40, SAA: 0.40

**Care & Cleaning:** Remove dust with vacuum cleaner (soft brush attachment) or compressed air. Do not scrub. Do not use solvents or any abrasive substances 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.

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				
<i>1% open colors</i>						
Color	Ts	RS	AS	TV	SHGC*	
White/White	14	75	11	11	0.27	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/Linen	14	66	20	10	0.28	
White/Pearl	9	58	33	6	0.3	
Linen/Linen	15	53	32	11	0.3	
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/Charcoal	1	4	95	1	0.37	

<b>3% open colors</b>					
White/White	16	73	11	13	0.27
White/Linen	16	63	21	12	0.29
White/Pearl	10	52	38	8	0.3
Linen/Linen	18	52	30	13	0.3
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/Charcoal	5	4	91	4	0.37
<b>5% open colors</b>					
White/White	20	71	9	17	0.28
White/Linen	20	62	18	16	0.29
White/Pearl	12	51	37	9	0.31
Linen/Linen	22	50	28	17	0.31
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/Charcoal	4	6	90	4	0.37
<b>10% open colors</b>					
White/White	25	66	9	22	0.28
White/Linen	25	58	17	22	0.3
White/Pearl	20	50	30	18	0.31
Linen/Linen	27	47	26	23	0.31
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/Charcoal	12	3	85	12	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:**

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

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