



# Eclipse Blackout Fabric

## Product Specifications

**Benefits:** Eclipse Blackout fabric is uniquely designed to provide total light blockage when complete room darkening is desired, and provides complete privacy with no view-through.

Specifications:			
<b>Category</b>	Blackout Fabric	<b>Composition</b>	100% Polyester with Acrylic foamed backing
<b>Openness Factor</b>	0%; Opaque	<b>Thickness</b>	0.026" (0.66 mm) ±5%
<b>UV Blockage</b>	100%	<b>Weight</b>	13.41 oz/yd <sup>2</sup> (454.67 g/m <sup>2</sup> ) ±5%
		<b>Width</b>	118" (0.66 mm) ±5%

<b>Fire Classifications:</b>	NFPA 701-2004 TM#1 California U.S. Title 19 BS 5867 2008 Part 2 Type B Performance CAN/ULC-S109-03 ASTM-E-84 (Class 1) CAN/CGSB2-4.162-M80
<b>Anti-Microbial Properties:</b>	ASTM-G21-96, AATCC 174-1998 Part II and III
<b>Certifications:</b>	GreenGuard Gold Melanoma International Foundation Seal of Approval
<b>Acoustic Performance:</b>	Noise Reduction Coefficient: 0.10, Sound Absorption Average: 0.08
<b>Environmental Benefits:</b>	RoHS: Lead Free USCPSC Section 101 ANSI/WCMA A 100.1-2007 for Lead Content PVC-Free
<b>Care &amp; Cleaning:</b>	Fabric should be regularly dusted/vacuumed (soft brush attachment) as appropriate. If commercial spot cleaners are used, they must first be tested and allowed to dry on an inconspicuous area to ensure compatibility

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

Fenestration Properties:		Definition of terms:	
(Solar Optical Properties)			
Fabrics installed internally, Zero-degree profile			
<b>Blackout Colors</b>			
<b>Color</b>	<b>T<sub>s</sub></b>	<b>RS</b>	<b>AS</b>
All Colors	0	64	36
			<b>TV SHGC*</b>
			0 0.21
			<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>CL</b> = 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 coefficient. 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.