

INSOLROLL ELEMENTS® **Haven Blackout Fabric**
 **Product Specifications**

Benefits: Haven blackout fabric pairs with Lucent semi-sheer to feature the same linen-like light management and privacy needs throughout the home.

Specifications:			
Category	Blackout Fabric	Composition	100% Polyester
Openness Factor	0%	Thickness	0.020"
UV Blockage	100%	Weight	9.72 oz/yd ²
		Width	118"

Fire Classifications:	California U.S. Title 19
Anti-Microbial Properties:	ASTM-G21, ASTM-E2180
Certifications:	GreenGuard Gold Oeko-Tex Standard 100
Environmental Benefits:	RoHS Compliant
Care & Cleaning:	May be dusted with a damp cloth. When scrubbing is necessary, warm water and gentle rubbing are recommended.

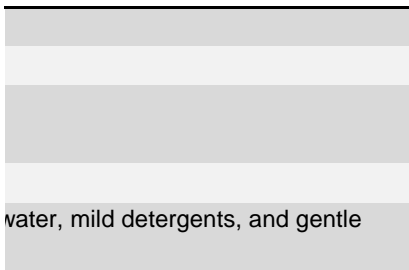
For complete technical information, current test results, performance specifications and larger samples, contact

Fenestration Properties: (Solar Optical Properties)		Fabrics installed internally, Zero-degree profile		Definition of terms:	
Blackout Colors		Ts	RS	AS	TV SHGC*
Color					
All Colors		0	70	30	0 0.24
		Ts= Solar Transmittance Energy that is transmitted through the glass Rs= Solar Reflectance Energy that is reflected from the glass As= Solar Absorptance Energy that is absorbed by the glass Tv= Visible Light Transmission Percentage of visible light transmitted through the glass OF= Openness Factor Percentage of light that passes through the fabric SHGC= Solar Heat Gain Coefficient The percentage of solar radiation that enters a space as heat to the interior CL= Clear Glass			
		*Glass tested: 1/4" Heat Absorbing. SHGC was calculated by multiplying SC (Shading Coefficient provided by manufacturer) by CL.			
		The solar optical properties are used to calculate the solar heat gain that the shading system represents. Darker Colors provide maximum shading.			

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the Insolroll, Inc.



allowed to pass through

reflected away

absorbed by the fabric

visible light that comes into the room

fabric that is open (between the threads)

the amount of incident solar radiation that is transmitted

to the interior through the glass and shading system*.

is calculated by

the following equation (Equation 10-1) by 0.87.

the shading coefficient. The shading coefficient

is the ratio of the solar radiation transmitted to the interior through the glass

to the solar radiation transmitted through a clear glass of the same area under the same conditions of glare reduction and visibility.