Zenith Blackout Fabric

Product Specifications

Benefits: A picture of refined elegance, Zenith Blackout fabric layers a subtle, textured pattern over a soft, luxurious backing for total light blockage.

Specifications:			
Category	Blackout Fabric	**Composition**	100% Polyester with Acrylic Foamed Backing
Openness Factor	0%; Opaque	**Thickness**	0.029" (0.74 mm)
UV Blockage	100%	**Weight**	12.53 oz/yd2 (425 g/m2)
		Width	118" (300 cm)

Fire Classifications:	NFPA 701-2004 TM#1 California U.S. Title 19
Anti-Microbial Properties:	ASTM-G21, ASTM-E2180
Certifications:	GreenGuard Gold Melanoma International Foundation Seal of Approval
Environmental Benefits:	PVC-Free RoHS Compliant - Lead Free
Care & Cleaning:	Fabric should be regularly dusted/vacuumed 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: (Solar Optical Properties) Fabrics installed internally, Zero-degree profile

Blackout Colors

Color	**Ts**	**RS**	**AS**	**TV**	**SHGC***
All Colors	0	64	36	0	0.27

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.

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