



Twilight Blackout Fabric

Product Specifications

Benefits: Twilight blackout fabric has a rich, textile appearance, with a subtle sheen. It is designed with a cotton backing to eliminate all light flow through the fabric. This elegant fabric is perfect for fine residences and corporate settings, and has the added benefit of a translucent fabric counterpart, Daybreak Translucent.

Specifications:	
Category	Blackout Fabric
Openness Factor	0%; Opaque
UV Blockage	100%
Composition	42% Fiberglass, 51% Acrylic, 7% Cotton Flocked Backing
Thickness	0.021" (0.55 mm) ±5%
Weight	14.7 oz/yd2 (500 g/m2) ±5%
Width	94"
Fire Classifications:	NFPA 701-10 TM#1 CAN/ULC-S109-03 California US Title 19
Anti-Microbial Properties:	ASTM-E2180, ASTM-G21
Certifications:	GreenGuard Gold
Acoustic Performance:	Noise Reduction Coefficient: 0.05, Sound Absorption Average: 0.04
Environmental Benefits:	RoHS- Lead Free
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. For spot removal, a natural or dry cleaning sponge may be used.

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			
Blackout Colors			
Color	Ts RS AS TV SHGC*	Ts= Solar Transmittance	Energy that is allowed to pass through
Celestial	0 71 29 0 0.28	Rs= Solar Reflectance	Energy that is reflected away
Luminaria	0 70 30 0 0.28	As= Solar Absorptance	Energy that is absorbed by the fabric
Mist	0 71 29 0 0.28	Tv= Visible Light Transmission	Percentage of visible light that comes into the room
Mica	0 71 29 0 0.28	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 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.	