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	**Composition**	42% fiberglass, 51% acrylic, 7% cotton flocked backing
Openness Factor	0%; opaque	**Width**	94"
Weave pattern	Plain weave	**Weight**	14.7 oz/yd2 (500 g/m2) ±5%
UV Blockage	100%	**Thickness**	0.021" (0.55 mm) ±5%

Fire Classifications:	NFPA 701-10 TM#1 California U.S. Title 19 (small scale)
Environmental Benefits:	RoHS- Lead free PVC-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

(Solar Optical Properties)

Color	**Ts**	**RS**	**AS**	**TV**	**SHGC***
Celestial	0	71	29	0	0.28
Luminaria	0	70	30	0	0.28
Mist	0	71	29	0	0.28
Mica	0	71	29	0	0.28

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

Appearance: Clear, Tv: 70, SHGC: 0.38.

Accoustical Performance:

NRC: 0.05, SAA: 0.04

The performance tests were conducted in accordance with EN 14501:2005, ASTM E891, ASTM E903-96. Double Glazing 6mm / 1/2" air / 6 mm with Low E on surface #2. Glass performance tests were conducted using the Lawrence Berkeley National Laboratory Window 6.3 NFRC certified software. Accoustical performance tested in accordance with ASTM C423-09a.

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	

Insolroll Window Shading Systems | 637 S. Pierce Ave. | Louisville, CO | 80027

tel 800.447.5534 | www.insolroll.com | info@insolroll.com