



Sandia Solar Screen Fabric

Product Specifications

Benefits: Aurora fabric consists of vinyl-coated polyester yarns woven in a 2 x 2 basketweave configuration. It is a value-priced fabric that provides excellent view-through visibility.

Specifications:			
Category	Solar Screen Fabric	Composition	36% Fiberglass, 64% Vinyl
Openness Factor	1% & 3%	Thickness	0.019" ±5%
UV Blockage	Approximately 97 - 99%	Weight	11.5 oz/yd ²
Weave style	Basketweave	Width	98" (250 cm) ±50 mm

Fire Classifications:	NFPA 701-10 TM#1 CAN/ULC-S109-03 California U.S. Title 19
Anti-Microbial Properties:	ASTM-G21, ASTM-E2180
Certifications:	GreenGuard Gold
Environmental Benefits:	Lead Free
Care & Cleaning:	Remove dust with a vacuum cleaner or compressed air. Clean with a sponge and warm soapy water using mild detergent. Rinse with clean water. Do not scrub. Do not use solvents or abrasives that could harm the coating of the fabric. Leave the blind down until completely dry. You may also very gently rub the fabric with a clean white pencil eraser to remove small stains.

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

Fenestration Properties:		Definition of terms:	
Fabrics installed internally, (Solar Optical Properties) Zero-degree profile			
1% open colors		Ts = Solar Transmittance	Energy that is allowed to pass through
Color	Ts RS AS TV SHGC*	Rs = Solar Reflectance	Energy that is reflected away
Magnolia	8 57 35 6 0.33	As = Solar Absorptance	Energy that is absorbed by the fabric
Willow	4 35 61 3 0.44	Tv = Visible Light Transmission	Percentage of visible light that comes into the room
Aspen	10 58 32 7 0.33	OF = Openness Factor	Percentage of fabric that is open (between the threads)
Elm	6 36 58 4 0.44	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*
Walnut	2 11 87 2 0.54	CL = Clear Glass	
Spruce	2 8 90 1 0.55		
3% open colors			
Magnolia	10 51 39 9 0.37	*Glass tested: 1/4" Heat Absorbing. SHGC was calculated by multiplying SC (Shading Coefficient provided by mill) by 0.87.	
Willow	7 35 58 6 0.45		
Aspen	13 52 35 11 0.37		
Elm	10 35 55 8 0.45		
Walnut	5 12 83 5 0.55	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.	
Spruce	4 8 88 4 0.57		