

## Technical Specifications



## Decorative Fabric Collection

<b>Name:</b>	<b>Aegean Solar Fabric</b>	<b>Antigua Solar Fabric</b>
<b>Composition:</b>	33.6% Fiberglass, 59.6% Vinyl, 6.8% Polyester	33.6% Fiberglass, 59.6% Vinyl, 6.8% Polyester
<b>Thickness:</b>	0.37"	0.37"
<b>Weight:</b>	18.9 oz/yd <sup>2</sup>	18.9 oz/yd <sup>2</sup>
<b>Width:</b>	122"	122"
<b>UV Blockage:</b>	Approximately 96%	Approximately 96%
<b>Weave:</b>	Plain Weave	Plain Weave
<b>Fire Classification:</b>	NFPA 701-10 TM#1 California U.S. Title 19 CAN/ULC-S109-03 Small & Large Flame Test	NFPA 701-10 TM#1 California U.S. Title 19 CAN/ULC-S109-03 Small & Large Flame Test
<b>Bacterial/Antifungal:</b>	ASTM E2180, ASTM G21	ASTM E2180, ASTM G21
<b>Environment:</b>	RoHS Lead-free GreenGuard Gold Certified	RoHS Lead-free GreenGuard Gold Certified
<b>Accoustical Perf:</b>	NRC: 0.15, SAA: 0.14	NRC: 0.15, SAA: 0.14
<b>Care &amp; Handling:</b>	Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. Fabric can be very gently rubbed with a clean white pencil eraser to remove small stains.	

### Performance Properties

Fabrics Installed Internally, Zero-Degree Profile Angle

	Fabric Properties					Fabric & Glass	
	Thermal			Optical		Commercial	Residential
	Ts	Rs	As	Rv	Tv	SHGC % Improvement	SHGC*
<b>Aegean</b> Openness 4%							
Porcelain	12	59	29	62	10	45	0.36
Granite	9	31	60	32	8	26	0.51
Papyrus	11	38	51	37	9	29	0.48
<b>Antigua</b> Openness 4%							
Sesame	6	18	76	17	6	18	0.58
Sea Salt	11	54	35	54	9	39	0.11
Ginger	9	36	55	33	6	26	0.49

The fabric performance tests were conducted in accordance with ASTM E891 & ASMT E903-96:

<b>Ts</b>	Total Solar Transmittance	<b>Rs</b>	Total Solar Reflectance
<b>As</b>	Total Solar Absorptance	<b>Rv</b>	Visible Reflectance
<b>Tv</b>	Visible Light Transmission		

Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory Window 7.3 NFRC certified software.

**SHGC % improvement** for commercial applications is based on a standard commercial glass makeup of Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2.

\*SHGC for residential applications is based on a default residential glass makeup of 3mm clear glass / 1/2" air / 3mm clear glass.

Results for SHGC were obtained using the center of glass.

Acoustical performance was tested in accordance with ASTM C423-09a.

**NRC** is Noise Reduction Coefficient

**SAA** is Sound Absorption Average

For up-to-date test results, performance specifications and larger samples, contact the Insolroll Customer Service Department at: [order@insolroll.com](mailto:order@insolroll.com) or 800.447.5534.



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