



# GreenScreen Revive Screen Fabric

## Product Specifications

**Benefits:** GreenScreen Revive is a 100% recyclable, PVC-free polyester solar shade fabric. It contains a minimum of 89% Repreve® fibers made from 100% recycled post-industrial fiber and consumer plastic waste. GreenScreen Revive is a Cradle-to-Cradle Certified (cm) Bronze product, which uses 11 recycled bottles per yard of fabric.

Specifications:	
<b>Category</b>	Sustainable Solar Screen Fabric
<b>Openness Factor</b>	1% & 5%
<b>UV Blockage</b>	Approximately 95-99%
<b>Weave style</b>	Warp Knit
<b>Composition</b>	100% Polyester
<b>Thickness</b>	0.019" (0.49 mm) ±5%
<b>Weight</b>	5.87 oz/yd <sup>2</sup> (199 g/m <sup>2</sup> ) ±5%
<b>Width</b>	118" (300 cm)
<b>Fire Classifications:</b>	NFPA 701-10 TM#1 California U.S. Title 19
<b>Anti-Microbial Properties:</b>	ASTM-G21
<b>Certifications:</b>	GreenGuard Gold Cradle to Cradle Bronze Melanoma International Foundation Seal of Approval
<b>Acoustic Performance:</b>	Noise Reduction Coefficient: 0.25. Sound Absorption Average: 0.24
<b>Environmental Benefits:</b>	RoHS- Lead Free PVC Free
<b>Care &amp; Cleaning:</b>	Regular light dusting with a feather duster is suggested. A hand-held vacuum with low suction and brush attachment may also be used. When vacuuming, avoid pulling or stretching the fabric. Rigorous vacuuming is not recommended since this could distort the fabric. Alternatively, dirt and debris can be blown away using compressed air or a hand-held hair dryer on the cool setting.

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			
<b>1% open colors</b>		<b>T<sub>s</sub></b> = Solar Transmittance	Energy that is allowed to pass through
<b>Color</b>	<b>T<sub>s</sub></b> <b>RS</b> <b>AS</b> <b>TV</b> <b>SHGC*</b>	<b>R<sub>s</sub></b> = Solar Reflectance	Energy that is reflected away
Onyx	17 34 49 5 0.51	<b>A<sub>s</sub></b> = Solar Absorptance	Energy that is absorbed by the fabric
Stone	24 52 24 17 0.42	<b>T<sub>v</sub></b> = Visible Light Transmission	Percentage of visible light that comes into the room
Pewter	19 43 38 8 0.46	<b>OF</b> = Openness Factor	Percentage of fabric that is open (between the threads)
Dusk	14 36 50 2 0.5	<b>SHGC</b> = Solar Heat Gain Coefficient	The percentage of incident solar radiation that is transmitted as heat to the interior through the glass and shading system*.
Linen	25 58 17 20 0.38	<b>CL</b> = Clear Glass	
White	28 66 6 27 0.33		
<b>5% open colors</b>			
Onyx	22 31 47 9 0.56	* Glass tested: 1/4" Heat Absorbing. SHGC was calculated by multiplying SC (Shading Coefficient provided by mill) by 0.87.	
Stone	27 49 24 20 0.45		
Pewter	26 37 37 14 0.52		
Dusk	22 31 47 8 0.56		
Linen	32 52 16 28 0.44		
White	38 56 6 37 0.42	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.	