Technical Specifications, Kona Solar Screen Fabric

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Solar Screen Fabric Collection

Name:	Kona Solar Screen Fabric
Composition:	37% Fiberglass, 63% Vinyl on Fiberglass
Thickness:	0.021" (0.53mm)
Weight:	14.4 oz/yd2 (488 g/m2)
Width:	126"
Openness factor:	Approximately 5%
UV Blockage:	Approximately 95%
Acoustical Performance:	NRC (Noise Reduction Coefficient) and SAA (Sound Absorption Average) tested in accordance with ASTM C423-09a.

Solar Heat Control Properties ***Fabrics Installed Internally, Zero-Degree Profile Angle***

Kona Solar Screen **Average Openness 5%**	**Solar Optical Properties***				**SHGC/G Value g-tot (glass & blind)**
	TS	RS	AS	TV	Single 1/4" CL
White	20	67	13	16	0.30
Bone	18	55	27	12	0.36
Bone/Platinum	12	43	45	10	0.41
Bronze	5	7	88	6	0.59
Charcoal/Grey	7	9	84	7	0.58
Charcoal	6	4	90	6	0.61

* Performance evaluations conducted by Matrix, Inc., Mesa Arizona

TS = Solar Transmittance

RS = Solar Reflectance

AS = Solar Absorptance

TV = Visual Transmittance

SHGC = Solar Heat Gain Coefficient

1/4 CL = 1/4" Clear Glass

1/4 HA = 1/4" Heat Absorbing Glass

1CL = 1" Clear Glass

1HA = 1" Heat Absorbing Glass

The percentage of solar heat gain that is transmitted to the interior through the glass and shading system. If using glass whose performance is listed in terms of SC, convert to SHGC by multiplying the SC by 0.87.

Solar Heat Gain Coefficient (SHGC) shown calculated according to Office of Building Technology, State and Community Programs, Energy Efficiency and Renewable Energy, U.S. Department of Energy's definition of SHGC.

Fire Classifications:	California U.S. Title 19 (xmall scale), NFPA 701 TM#1 (small scale) & TM#2 (large scale), NFPA 101 (Class A Rating), IBC Section 803.1.1 (Class 1), BS 5867 Part 2 Type B Performance, CAN/ULC-S 109 (large and small scale) andCAN/CGSB2-4.162-M80.
Antimicrobial:	ASTM E 2180, AATCC30 Part 3, ASTM G21, ASTM D 3273, GreenGuard Mold and Bacteria Standard ASTM 6329; includes Microban antimocrobial additives.
Environmental Certificatio	GreenGuard Gold Certified for low chemical emissions into indoor air during product use
Environmental Benefits:	Lead Free RoHS/Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content and REACH (EC 1907/2006) compliant