Fabric Specification: SheerWeave 2701

SheerWeave 2701

Openness Factor:	±1%
UV Blockage:	±99%
Standard Roll Widths:	63”, 98”
Composition:	36% Fiberglass / 64% Vinyl
Mesh/Inch:	56 Warp / 49 Fill
Mesh Weight:	14.6 oz./yd^2
Yarn Diameter (inch):	0.011 Warp / 0.013 Fill
Fabric Thickness (inch):	0.027
Breaking Strength (lbs):	264 Warp / 377 Fill
Stiffness (Mg):	260 Warp / 325 Fill
Environmental Certification:	GREENGUARD Indoor Air Quality Certified for low emissions (LEED™) GREENGUARD for Children and Schools Certified
Fire Classification:	California U.S. Title 19 (small scale), NFPA 701-1999 TM #1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), British Standard 5867, NFPA 701 TM #2 (large scale)
Bacteria & Fungal Resistance:	ASTM-E 2180

		Solar Optical Properties				Shading Coefficient with					
						----------Single----------			----------Insulating----------		
Style #	**Color**	**TS**	**RS**	**AS**	**TV**	**1/8 CL**	**1/4 CL**	**1/4 HA**	**1/2 CL**	**1 CL**	**1 HA**
P12	Oyster	21	64	15	17	0.36	0.36	0.33	0.34	0.34	0.26
P13	Oyster/Beige	15	57	28	12	0.38	0.38	0.34	0.36	0.35	0.27
P28	Oyster/Charcoal	5	39	56	6	0.49	.047	0.39	0.46	0.44	0.32
P91	Oyster/Pewter	6	43	51	6	0.46	0.45	0.37	0.45	0.42	0.30
P92	Oyster/Chestnut	6	41	53	6	0.47	0.46	0.38	0.46	0.44	0.32

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

TS = Solar Transmittance
RS = Solar Reflectance
AS = Solar Absorptance
TV = Visual Transmittance

1/8 CL = 1/8” Clear Glass
1/4 CL = 1/4" Clear Glass
1/4 HA = 1/4" Heat Absorbing Glass
1/2 CL = 1/2" Insulating Clear Glass
1 CL = 1” Insulating Clear Glass
1 HA = 1” Insulating Heat Absorbing Glass

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.

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