Fabric Specification: SheerWeave 2390

SheerWeave 2390

Openness Factor:	±5%
UV Blockage:	±95%
Standard Roll Widths:	63”, 98”, & 126” (126” wide goods are only available in certain colors)
Composition:	35% Fiberglass / 65% Vinyl
Mesh/Inch:	56 Warp / 49 Fill
Mesh Weight:	11.90 oz./yd^2
Yarn Diameter (inch):	0.011 Warp / 0.011 Fill
Fabric Thickness (inch):	0.017
Breaking Strength (lbs):	250 Warp / 235 Fill
Stiffness (Mg):	190 Warp / 220 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	61	18	14	0.38	0.38	0.34	0.36	0.35	0.27
P13	Oyster/Beige	17	54	29	12	0.42	0.41	0.36	0.39	0.38	0.29
P14	Oyster/Pearl Gray	14	45	41	10	0.48	0.46	0.39	0.45	0.43	0.32
Q20	Beige	14	47	39	10	0.46	0.45	0.38	0.43	0.42	0.31
Q21	Beige/Pearl Gray	11	38	51	9	0.52	0.50	0.41	0.49	0.46	0.33
V20	Pearl Gray	10	31	59	9	0.57	0.54	0.43	0.53	0.50	0.35
V21	Charcoal	4	4	92	5	0.73	0.69	0.51	0.69	0.63	0.43
V22	Charcoal/Gray	5	9	86	6	0.70	0.67	0.49	0.66	0.60	0.41
V24	Charcoal/Chestnut	6	6	88	6	0.73	0.69	0.50	0.68	0.62	0.42

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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