

Fabric Specification: SheerWeave 2500

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Openness Factor: $\pm 1\%$
 UV Blockage: $\pm 99\%$
 Standard Roll Widths: 63", 98"
 Composition: 37% Fiberglass / 63% Vinyl
 Mesh/Inch: 56 Warp / 49 Fill
 Mesh Weight: 16.1 oz./yd²
 Yarn Diameter (inch): 0.011 Warp / 0.013 Fill
 Fabric Thickness (inch): 0.024
 Breaking Strength (lbs): 380 Warp / 338 Fill
 Stiffness (Mg): 249 Warp / 224 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

Style #	Color	TS	Solar Optical Properties				Shading Coefficient with					
			RS	AS	TV	-----Single-----			-----Insulating-----			
						1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA	
P12	Oyster	15	68	17	13	0.31	0.32	0.31	0.30	0.30	0.25	
P13	Oyster/Beige	10	60	30	9	0.36	0.36	0.33	0.34	0.34	0.27	
P14	Oyster/Pearl Gray	7	50	43	6	0.43	0.42	0.36	0.40	0.39	0.29	
Q20	Beige	7	50	43	6	0.43	0.42	0.36	0.40	0.39	0.29	
Q21	Beige/Pearl Gray	5	42	53	5	0.48	0.46	0.39	0.45	0.43	0.32	
V20	Pearl Gray	3	32	65	3	0.54	0.52	0.42	0.52	0.48	0.34	
V21	Charcoal	1	4	95	1	0.73	0.69	0.50	0.69	0.62	0.42	
V22	Charcoal/Gray	2	8	90	3	0.70	0.67	0.49	0.67	0.60	0.41	
V24	Charcoal/Chestnut	1	6	93	1	0.71	0.68	0.50	0.68	0.61	0.42	

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

TS = Solar Transmittance 1/8 CL = 1/8" Clear Glass
 RS = Solar Reflectance 1/4 CL = 1/4" Clear Glass
 AS = Solar Absorptance 1/4 HA = 1/4" Heat Absorbing Glass
 TV = Visual Transmittance 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.