

Fabric Specification: SheerWeave 4550

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Openness Factor: ±5%
 UV Blockage: ±95%
 Standard Roll Widths: 63", 98"
 Composition: 17% Polyester / 83% Vinyl
 Mesh/Inch: 45 Warp / 32 Fill
 Mesh Weight: 12.50 oz./yd²
 Yarn Diameter (inch): 0.013 Warp / 0.013 Fill
 Fabric Thickness (inch): 0.025
 Breaking Strength (lbs): 182 Warp / 129 Fill
 Stiffness (Mg): 216 Warp / 159 Fill
 Fire Classification: California U.S. Title 19 (small scale), NFPA 701 TM #1 (small scale), British Standard 5867 Type B, ASTM E 84 (Class I)
 Bacteria & Fungal Resistance: ASTM-G21, ASTM-G22

Style #	Color	TS	Solar Optical Properties			Shading Coefficient with			
			RS	AS	TV	-----Single-----		-----Insulating-----	
						1/4 CL	1/4 HA	1 CL	1 HA
P10	Granite	7	56	37	8	0.38	0.34	0.36	0.28
P65	Linen	9	59	32	10	0.36	0.33	0.34	0.27
V45	Coal	8	48	44	9	0.43	0.37	0.40	0.30
V47	Chestnut	9	48	43	11	0.43	0.37	0.40	0.30

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

TS = Solar Transmittance

1/4 CL = 1/4" Clear Glass

RS = Solar Reflectance

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

AS = Solar Absorptance

1 CL = 1" Insulating Clear Glass

TV = Visual Transmittance

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.