

# Solar Screen Properties

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## Phifer SheerWeave 2390 Specifications

Composition:	35% fiberglass, 65% vinyl on fiberglass
Width:	98"
Weight:	403 g/sm
Thickness:	.43 mm

### Fenestration Properties

Name	TS	RS	AS	TV	OF	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
Oyster	21	61	18	14	5	0.38	0.38	0.340	0.36	0.35	0.27
Oyster/Beige	17	54	29	12	5	0.42	0.41	0.360	0.39	0.38	0.29
Oyster/Pearl Gray	14	45	41	10	5	0.48	0.46	0.390	0.45	0.43	0.32
Beige	14	47	39	10	5	0.46	0.45	0.380	0.43	0.42	0.31
Charcoal/Gray	5	9	86	6	5	0.70	0.67	0.490	0.66	0.6	0.41

Fire Classification: M 1, California U.S. Title 19 (small scale), NFPA 701-1999 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1), British Standard 5876 and NFPA 701 TM#2 Large Scale

Bacteria and Fungal Resistance: ASTM-G21 and ASTM-G22

Resistance:  
GREENGUARD Indoor Air Quality Certified<sup>®</sup>  
GREENGUARD Children & Schools<sup>SM</sup> Certified

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## Phifer SheerWeave 2360 Specifications

Composition:	35% fiberglass, 65% vinyl on fiberglass
Width:	98"
Weight:	356 g/sm
Thickness:	0.43 mm

### Fenestration Properties

Name	TS	RS	AS	TV	OF	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
Oyster	27	57	16	21	10	0.43	0.42	0.360	0.39	0.38	0.29
Oyster/Beige	24	51	25	19	10	0.46	0.45	0.380	0.43	0.41	0.31
Oyster/Pearl Gray	20	45	35	16	10	0.49	0.48	0.400	0.46	0.44	0.32
Beige	19	44	37	16	10	0.50	0.48	0.400	0.46	0.44	0.32
Charcoal/Gray	12	8	80	14	10	0.73	0.69	0.510	0.68	0.62	0.42

Fire Classification: M 1, California U.S. Title 19 (small scale), NFPA 701-1999 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1), British Standard 5876 and NFPA 701 TM#2 Large Scale

Bacteria and Fungal Resistance: ASTM-G21 and ASTM-G22

Resistance:  
GREENGUARD Indoor Air Quality Certified<sup>®</sup>  
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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
OF = Openness Factor	1 CL = 1" Insulating Clear Glass
	1 HA = 1" Insulating Heat Absorbing Glass

The Solar Transmittance (TS), Solar Reflectance (RS), Solar Absorptance (AS), Visible Transmittance (TV) and Openness Factor (OF) were determined for the fabric alone. The Shading Coefficients (SC) were determined for the fabric used with a single light of 1/8" double strength glass, a 1/4" clear plate and a 1/4" heat (HA) plate. The Shading Coefficients are for the fabric hung internally unless otherwise indicated. The data and calculated results are presented in the above tables. The TS, RS, AS, TV, TV and OF are expressed as percentages.