



SWFcontractTM

SWFcontract
Solar Shading Systems

Fabric Collection

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FABRIC COLLECTION	OPENNESS FACTOR
Crosshatch A300	3%
Crosshatch A500	5%
Double-Take T100 (Reversible Twill).....	0-1%
Double-Take T300 (Reversible Twill).....	3%
Double-Take T500 (Reversible Twill).....	5%
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SheerWeave Performance + 2410	3%
Sheerweave Perfomance + 2390	5%
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SheerWeave 3000	14%
Hospitality Sheer Lines	36%
Hospiltaliy Texture.....	10%
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Flocké (Blackout/PVC Free)	0%
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SheerWeave 7100 (Blackout).....	0%
Room Darkening RS (Blackout).....	0%
E Screen 7501	1%
E Screen 7503	3%
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SheerWeave 4800	1%
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Vela.....	3%
SheerWeave 2410	3%

SheerWeave 2703	3%
SheerWeave 4400	3%
SheerWeave 4600	3%
SheerWeave 4650	3%
SheerWeave Basic.....	3%
SheerWeave Basic.....	5%
E Screen 7505	5%
E Screen 7510	10%
Satine 5500	5%
SheerWeave 2000	5%
SheerWeave 2100	10%
SheerWeave 2360	10%
SheerWeave 2390	5%
SheerWeave 2705	5%
SheerWeave 2710	10%
SheerWeave 4000	5%
SheerWeave 4100	10%
SheerWeave 4500	5%
SheerWeave 4550	5%
SheerWeave 1000	25%
SheerWeave 5000	Varies By Color
Balance	7%
Spectra	10%
S Screen	4%
T Screen	3%

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CROSSHATCH A300

Fenestration Properties

SWFcontract™

SHADING SYSTEMS

Color Name	Shading Coefficient w/								
	Solar Optical Properties				Single			Insulating	
					1/8CL	1/4 CL	1/4HA	1/2CL	1CL 1HA
White	23	62	15	21	0.38	0.38	0.34	0.35	0.35 0.27
White/Bone	17	56	27	14	0.41	0.40	0.35	0.38	0.37 0.28
White/Platinum	16	48	36	13	0.46	0.45	0.38	0.43	0.41 0.31
Bone	16	46	33	11	0.46	0.45	0.38	0.43	0.41 0.31
Bone/Platinum	14	42	44	11	0.50	0.48	0.40	0.47	0.44 0.32
Camel	16	46	38	11	0.46	0.45	0.39	0.45	0.42 0.31
Charcoal/Platinum	4	10	86	5	0.69	0.66	0.49	0.66	0.58 0.41
Charcoal/Bronze	3	6	91	4	0.72	0.68	0.50	0.68	0.60 0.42
Charcoal	3	3	94	5	0.74	0.70	0.51	0.70	0.61 0.43

Ts = Solar Transmittance
Rs = Solar Reflectance
As = Solar Absorptance
Tv = Visual Transmittance
1/8CL = 1/8" Clear Glass

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

Fire Classification: NFPA 701 TM#1

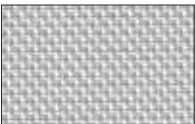
Bacteria and Fungal Resistance: ASTM-G21



White*
F301



White/Bone*
F302



White/Platinum*
F303



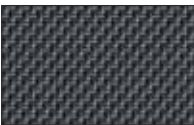
Bone*
F304



Bone/Platinum*
F305



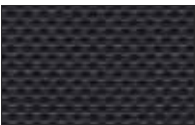
Camel*
F306



Charcoal/Platinum*
F308



Charcoal/Bronze*
F309



Charcoal*
F310

Actual color may vary

*Also available in Graber® Panel Accents™ Sliding Panels

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 15% Polyester, 85% Vinyl on Polyester

Standard Widths: 98"

Standard Roll Length: 33 LY

CROSSHATCH A300
3% Openness

Crosshatch A300

3% Openness

Fenestration Properties for Crosshatch A300 - 3%

CROSSHATCH A500

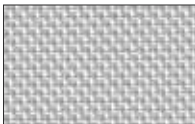
5% Openness



White*
F501



White/Bone*
F502



White/Platinum*
F503



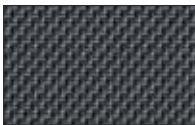
Bone*
F506



Bone/Platinum*
F507



Camel*
F504



Charcoal/Platinum*
F508



Charcoal/Bronze*
F509



Charcoal*
F510

Actual color may vary

*Also available in Graber® Panel Accents™ Sliding Panels

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 15% Polyester, 85% Vinyl on Polyester

Standard Widths: 98"

Standard Roll Length: 33 LY

SWFcontract™

SHADING SYSTEMS

					Shading Coefficient w/					
					Solar Optical Properties				Single	
Color Name	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	25	61	14	24	0.39	0.39	0.35	0.36	0.36	0.28
White/Bone	17	55	28	15	0.41	0.41	0.36	0.39	0.38	0.29
White/Platinum	19	47	34	17	0.48	0.46	0.39	0.45	0.42	0.31
Bone	20	47	33	17	0.48	0.47	0.39	0.45	0.43	0.31
Bone/Platinum	16	41	43	15	0.51	0.49	0.40	0.48	0.45	0.33
Camel	17	44	39	14	0.49	0.48	0.39	0.46	0.44	0.32
Charcoal/Platinum	5	10	85	7	0.70	0.66	0.49	0.66	0.60	0.41
Charcoal/Bronze	4	5	91	6	0.73	0.69	0.50	0.69	0.62	0.42
Charcoal	4	3	93	7	0.74	0.70	0.51	0.70	0.63	0.43

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: NFPA 701 TM#1

Bacteria and Fungal Resistance: ASTM-G21

CROSSHATCH A500

Fenestration Properties

Crosshatch A500

5% Openness

Fenestration Properties for Crosshatch A500 - 5%

SWFcontract™
SHADING SYSTEMS

					Shading Coefficient w/					
	Solar Optical Properties				Single			Insulating		
Color Name	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	23	63	14	18	0.37	0.37	0.34	0.35	0.34	0.27
White/Bone	20	61	19	15	0.38	0.38	0.34	0.35	0.35	0.27
White/Champagne	20	59	21	15	0.39	0.39	0.35	0.37	0.36	0.28
White/Grey	12	55	33	9	0.40	0.40	0.35	0.38	0.37	0.28
Bone/Grey	11	45	44	8	0.47	0.46	0.38	0.45	0.42	0.31
Grey/Bronze	3	23	74	1	0.60	0.58	0.45	0.57	0.53	0.37
Charcoal/Bronze	Tr	6	94	Tr	0.71	0.67	0.50	0.68	0.61	0.42
Mustard/Bronze	7	37	56	4	0.52	0.50	0.40	0.49	0.46	0.33
Charcoal/Cinnabar	4	36	60	3	0.52	0.50	0.40	0.49	0.46	0.33

Ts = Solar Transmittance
Rs = Solar Reflectance
As = Solar Absorptance
Tv = Visual Transmittance
Tr = Less Than 1/2 of 1% Openness
1/8CL = 1/8" Clear Glass

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

Fire Classification: NFPA 701 TM#1

Bacteria and Fungal Resistance: ASTM-G21



**White
U101**



**White/Bone
U102**



**White/Champagne
U103**



**White/Grey
U104**



**Bone/Grey
U105**



**Grey/Bronze
U106**



**Mustard/Bronze
U108**



**Charcoal/Cinnabar
U109**



**Charcoal/Bronze
U107**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 0-1%

Composition: 22% Polyester, 78% Vinyl on Polyester

Standard Widths: 98"

Standard Roll Length: 44 LY

DOUBLE-TAKE T100 (Reversible Twill)
0-1% Openness

Double-Take T100 (Reversible Twill)

0-1% Openness

Fenestration Properties for Double-Take T100 - 0-1%

SWFcontract™
SHADING SYSTEMS

Color Name	Shading Coefficient w/										
	Solar Optical Properties					Single			Insulating		
	Ts	Rs	As	Tv	O-F	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	24	60	16	21	3	0.40	0.39	0.35	0.37	0.36	0.28
White/Bone	2	57	21	19	3	0.41	0.41	0.36	0.39	0.38	0.29
White/Champagne	20	56	24	17	3	0.41	0.41	0.36	0.39	0.38	0.29
White/Grey	11	51	38	10	3	0.43	0.42	0.36	0.41	0.39	0.29
Bone/Grey	12	40	48	11	3	0.51	0.49	0.40	0.48	0.45	0.33
Grey/Bronze	5	20	75	5	3	0.63	0.60	0.46	0.60	0.55	0.38
Charcoal/Bronze	2	5	93	4	3	0.72	0.68	0.50	0.69	0.62	0.42
Mustard/Bronze	9	32	59	9	3	0.56	0.54	0.42	0.53	0.49	0.35
Charcoal/Cinnabar	6	32	62	6	3	0.55	0.53	0.42	0.52	0.49	0.35

Ts = Solar Transmittance
Rs = Solar Reflectance
As = Solar Absorptance
Tv = Visual Transmittance
1/8CL = 1/8" Clear Glass

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

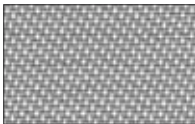
The solar optical properties are used to calculate the shading coefficient. The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.

Fire Classification: NFPA 701 TM#1

Bacteria and Fungal Resistance: ASTM-G21



**White
U301**



**White/Grey
U304**



**Mustard/Bronze
U308**



**White/Bone
U302**



**Bone/Grey
U305**



**Charcoal/Cinnabar
U309**



**White/Champagne
U303**



**Grey/Bronze
U306**



**Charcoal/Bronze
U307**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 15% Polyester, 85% Vinyl on Polyester

Standard Widths: 98"

Standard Roll Length: 33 LY

DOUBLE-TAKE T300 (Reversible Twill)
3% Openness

Double-Take T300 (Reversible Twill)

3% Openness

Fenestration Properties for Double-Take T300 - 3%

SWFcontract™
SHADING SYSTEMS

Color Name					Shading Coefficient w/					
					Single			Insulating		
	Solar Optical Properties									
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	27	58	15	25	0.42	0.41	0.36	0.39	0.38	.029
White/Bone	25	54	21	22	0.44	0.43	0.37	0.41	0.40	0.30
White/Champagne	23	53	24	21	0.44	0.43	0.37	0.41	0.40	0.30
White/Grey	15	48	37	16	0.46	0.45	0.38	0.43	0.41	0.31
Bone/Grey	13	39	48	14	0.52	0.50	0.41	0.49	0.46	0.33
Grey/Bronze	8	19	73	11	0.64	0.61	0.46	0.61	0.56	0.39
Charcoal/Bronze	5	5	90	8	0.73	0.69	0.51	0.69	0.62	0.43
Mustard/Bronze	11	29	60	13	0.58	0.56	0.44	0.55	0.51	0.36
Charcoal/Cinnabar	10	29	61	12	0.58	0.56	0.43	0.55	0.51	0.36

Ts = Solar Transmittance
Rs = Solar Reflectance
As = Solar Absorptance
Tv = Visual Transmittance
1/8CL = 1/8" Clear Glass

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

Fire Classification: NFPA 701 TM#1

Bacteria and Fungal Resistance: ASTM-G21



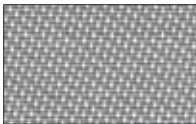
White
U501



White/Bone
U502



White/Champagne
U503



White/Grey
U504



Bone/Grey
U505



Grey/Bronze
U506



Mustard/Bronze
U508



Charcoal/Cinnabar
U509



Charcoal/Bronze
U507

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 15% Polyester, 85% Vinyl on Polyester

Standard Widths: 98"

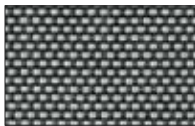
Standard Roll Length: 33 LY



**Cotton
2PG13**



**Stone
2PG43**



**Slate
2VG43**



**Almond
2PG23**



**Wheat
2PG33**



**Bark
2VG33**



**Barley
2QG23**



**Nickel
2VG13**



**Midnight
2VG23**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 100% TPO (Thermoplastic Olefin),
20% TPO fiber yard / 80% TPO coating on TPO yard

Standard Widths: 98"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

					Shading Coefficient w/					
					Solar Optical Properties				Single	
Color Name	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Cotton	20	70	10	19	0.31	0.32	0.31	0.29	0.30	0.24
Almond	17	61	22	15	0.37	0.37	0.34	0.35	0.35	0.27
Barley	16	53	31	14	0.43	0.42	0.36	0.40	0.39	0.29
Stone	12	52	36	11	0.42	0.42	0.36	0.40	0.39	0.29
Wheat	12	52	36	9	0.42	0.42	0.36	0.40	0.39	0.29
Nickel	9	36	55	8	0.53	0.51	0.41	0.50	0.47	0.34
Slate	3	10	87	5	0.69	0.66	0.49	0.66	0.60	0.41
Bark	3	7	90	4	0.71	0.67	0.50	0.67	0.61	0.42
Midnight	3	6	91	5	0.72	0.68	0.50	0.68	0.62	0.42

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: ASTM E-84 (Class 1), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A rating), and CAN/ULC-S109-03 Large

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G 22

SHEERWEAVE® INFINITY 2

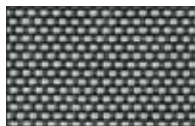
5% Openness



Cotton
2PG15



Stone
2PG45



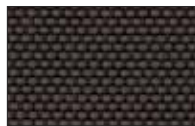
Slate
2VG45



Almond
2PG25



Wheat
2PG35



Bark
2VG35



Barley
2QG25



Nickel
2VG15



Midnight
2VG25

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 100% TPO (Thermoplastic Olefin),
20% TPO fiber yard / 80% TPOcoating on TPO yard

Standard Widths: 98"

Standard Roll Length: 30 LY

SheerWeave
INFINITY 2



SWFcontract™ SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Cotton	23	68	9	22	0.34	0.34	0.32	0.31	0.32	0.26
Almond	20	60	20	18	0.39	0.38	0.34	0.36	0.36	0.27
Barley	19	51	30	17	0.45	0.44	0.37	0.42	0.40	0.30
Stone	15	52	33	14	0.43	0.42	0.37	0.41	0.39	0.29
Wheat	14	51	35	12	0.44	0.43	0.37	0.41	0.40	0.30
Nickel	10	34	56	11	0.54	0.52	0.42	0.52	0.48	0.34
Slate	5	9	86	7	0.70	0.67	0.49	0.67	0.60	0.41
Bark	4	7	89	6	0.71	0.68	0.50	0.68	0.61	0.42
Midnight	5	6	89	8	0.72	0.69	0.50	0.68	0.62	0.42

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: ASTM E-84 (Class 1), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A rating) and CAN/ULC-S109-03 Large

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G 22

SHEERWEAVE® INFINITY 2

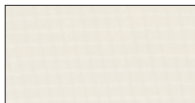
Fenestration Properties

SheerWeave® Infinity 2

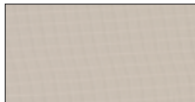
5% Openness

Fenestration Properties for SheerWeave® Infinity 2 - 5%

SHEERWEAVE®
PERFORMANCE + 2410
3% Openness



Oyster
1224P



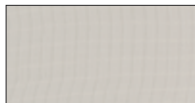
Beige
2024P



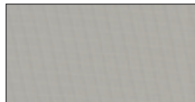
Charcoal/Alpaca
2424P



Charcoal
3224P



Oyster/Beige
1324P



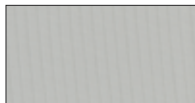
Beige/Pearl Gray
2124P



Charcoal/Gray
P2124



Metallized Fabric Back



Oyster/Pearl Gray
1424P



Pearl Gray
P2024



Charcoal/Chestnut
2224P

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 34% Fiberglass, 64% Vinyl on Fiberglass
and 2% Aluminum Coating

Standard Widths: 96"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

SHADING SYSTEMS							Shading Coefficient w/							
							Solar Optical Properties						High Performance Glass	
Color Name	TS	RS	LT	LR	UV T	CRI	LT	g-Value/SHGC	SC	U-Value/W/m2K	LT	g-Value/SHGC	SC	U-Value/W/m2K
Oyster	5	73	5	72	3	99	3	15	17	0.80	2	19	22	2.4
Oyster/Beige	5	73	5	72	4	99	4	15	17	0.80	2	19	22	2.4
Oyster/Pearl Gray	4	73	4	72	4	99	3	15	17	0.80	2	19	22	2.4
Beige	5	73	5	72	4	98	4	15	17	0.80	2	19	22	2.5
Beige/Pearl Gray	5	72	5	71	4	99	4	14	17	0.80	3	20	23	2.5
Pearl Gray	4	75	4	74	4	99	3	14	16	0.80	2	18	21	2.4
Charcoal/Alpaca	4	75	4	74	4	99	3	15	17	0.80	2	19	22	2.5
Charcoal/Gray	4	72	4	71	4	100	3	15	17	0.80	2	19	22	2.4
Charcoal/Chestnut	4	72	4	71	4	100	3	15	17	0.80	2	19	22	2.4
Charcoal	4	71	4	70	4	100	3	15	18	0.80	2	19	22	2.4

TS = Solar Transmittance

RS = Solar Reflectance

LT = Light Transmittance

LR = Light Reflectance

UV T = Ultra-Violet Light Transmittance

CRI = Color Rendering Index

g-Value/SHGC = Solar Heat Gain Coefficient

SC = Shading Coefficient

U-Value W/m2K = Watts per meter squared

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.

Fire Classification: California U.S. Title 19 (small scale), ASTM E 84 (Class 1), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale) and CAN/ULC-5109 (Large and small scale)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22 AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives



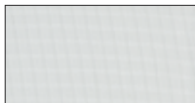
SheerWeave® Performance + 2410

3% Openness

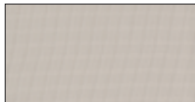
SheerWeave® Performance + 2410 - 3%

SHEERWEAVE®
PERFORMANCE + 2410
Fenestration Properties

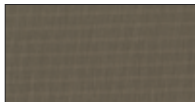
SHEERWEAVE®
PERFORMANCE + 2390
5% Openness



Oyster
1229P



Beige
2029P



Charcoal/Alpaca
2429P



Charcoal
3229P

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 34% Fiberglass, 64% Vinyl on Fiberglass
and 2% Aluminum Coating

Standard Widths: 96"

Standard Roll Length: 30 LY



Oyster/Beige
1329P



Beige/Pearl Gray
2129P



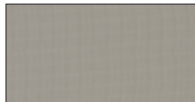
Charcoal/Gray
P2129



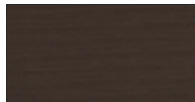
Metallized Fabric Back



Oyster/Pearl Gray
1429P



Pearl Gray
P2029



Charcoal/Chestnut
2229P



SWFcontract™
SHADING SYSTEMS

SWFcontract

SHADING SYSTEMS							Shading Coefficient w/											
							Solar Optical Properties				High Performance Glass				6mm Single Bronze Glass			
Color Name	TS	RS	LT	LR	UV T	CRI	LT	g-Value/SHGC	SC	U-Value/W/m2K	LT	g-Value/SHGC	SC	U-Value/W/m2K				
Oyster	8	71	8	70	7	99	6	15	18	0.80	4	20	23	2.5				
Oyster/Beige	8	72	8	71	6	99	6	15	17	0.80	4	19	22	2.4				
Oyster/Pearl Gray	7	71	7	70	6	100	5	15	18	0.80	3	20	23	2.5				
Beige	8	72	8	71	7	98	6	15	18	0.80	4	20	23	2.5				
Beige/Pearl Gray	7	71	7	70	6	99	5	15	18	0.80	4	20	23	2.6				
Pearl Gray	7	74	7	73	6	99	5	15	17	0.80	3	19	22	2.4				
Charcoal/Alpaca	8	74	8	73	7	100	6	15	17	0.80	4	20	23	2.5				
Charcoal/Gray	8	71	8	70	7	100	6	16	18	0.80	4	20	23	2.4				
Charcoal/Chestnut	8	71	8	70	7	100	6	16	18	0.80	4	20	23	2.5				
Charcoal	8	71	8	70	7	100	6	16	18	0.80	4	20	23	2.5				

TS = Solar Transmittance

RS = Solar Reflectance

LT = Light Transmittance

LR = Light Reflectance

UV T = Ultra-Violet Light Transmittance

CRI = Color Rendering Index

g-Value/SHGC = Solar Heat Gain Coefficient

SC = Shading Coefficient

U-Value W/m2K = Watts per meter squared

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.

Fire Classification: M1, California U.S. Title 19 (small scale), ASTM E84 (Class 1), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale) and CAN/ULC-S109 (Large and small scale)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22 AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives



SheerWeave® Performance + 2390

5% Openness

SheerWeave® Performance + 2390 - 5%

SHEERWEAVE®
PERFORMANCE + 2390
Fenestration Properties

SILVERSCREEN

4% Openness



**White
SED01**



**Light Grey
SED03**



**Dark Grey
SEB02**



**Black
SEB01**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 4%

Composition: 36% Fiberglass, 64% Vinyl on Fiberglass with an ultra thin layer of aluminum

Standard Widths: 94"

Standard Roll Length: 30 LY



**Beige
SED02**



**Misty Grey
SEC01**



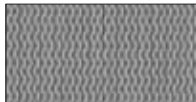
**Bronze
SEB03**



Metallized Fabric Back



**Dark Beige
SED04**



**Steel Grey
SEC02**



**Chocolate Brown
SEB04**



SWFcontract[™] SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties						Hight performance Glazing			
	TS	RS	LT	LR	UV T	CRI	LT	g-Value/SHGC	SC	U-Value W/m2K
White	6	77	6	76	5	100	4	13	15	0.70
Beige	*	*	*	*	*	*	*	*	*	*
Dark Beige	*	*	*	*	*	*	*	*	*	*
Light Grey	*	*	*	*	*	*	*	*	*	*
Misty Grey	5	75	5	75	4	100	4	14	16	0.70
Steel Grey	*	*	*	*	*	*	*	*	*	*
Bronze	*	*	*	*	*	*	*	*	*	*
Dark Grey	*	*	*	*	*	*	*	*	*	*
Chocolate Brown	*	*	*	*	*	*	*	*	*	*
Black	4	76	4	75	4	99	4.00	13.00	16.00	0.70

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: NFPA 701-2004 TM#1 (small scale) M1 NFP 92-503 NFPA 701-1999 TM#1 Small Scale, NFPA 101 (Class A Rating), UBC (Class I), British Standard 5867, NFPA 701 TM#2 Large Scale, and CAN/ULC S 109-M-87.

Silverscreen

4% Openness

Silverscreen - 4%

SILVERSCREEN
Fenestration Properties



Pearl White
P0130



Custard Cream
Q0230



Espresso
Q1830

Actual color may vary



Mushroom Sand
Q0130



Pale Grey
V0130



Ninja Grey
V0230



Sand Dollar
Q1730



Honey Sage
Q1930



Chocolate
Q0430

SPECIFICATION DATA:

Openness Factor: 14%

Composition: 35% Fiberglass, 65% Vinyl on Fiberglass, 31% Polyester, 69% Vinyl on Polyester

Standard Widths: 96"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Pearl White	24	62	14	21	0.38	0.38	0.34	0.35	0.35	0.27
Mushroom Sand	22	45	33	21	0.50	0.48	0.40	0.46	0.44	0.32
Sand Dollar	17	46	37	15	0.48	0.47	0.39	0.45	0.43	0.31
Custard Cream	23	53	24	22	0.44	0.43	0.37	0.41	0.40	0.30
Pale Grey	19	40	41	19	0.53	0.51	0.41	0.49	0.46	0.33
Honey Sage	16	31	53	16	0.58	0.56	0.44	0.54	0.51	0.36
Espresso	15	9	76	16	0.73	0.69	0.51	0.67	0.62	0.42
Ninja Grey	12	8	80	14	0.73	0.69	0.51	0.68	0.62	0.42
Chocolate	13	4	83	15	0.76	0.72	0.52	0.70	0.64	0.44

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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. For complete technical information, current test results, performance specifications and larger samples, contact our Sun Control Marketing Department.

Fire Classification: NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), and NFPA 701 TM#2 (large scale)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22 AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives





**White
L0201**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 36%

Composition: 100% Polyester

Standard Widths: 94 1/2"

Standard Roll Length: 55 LY

SWFcontract™
SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	65	31	4	66	0.70	0.67	0.50	0.61	0.59	0.50

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: NFPA 701-2004 TM#2

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G 22 U.S. Title 19 Small Scale.

SWFcontract™ SHADING SYSTEMS

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.

Fire Classification: NFPA 701-2010 TM#1 (small scale)

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G 22 U.S. Title 19 Small Scale.



**White
L0101**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 10%

Composition: 15% Polyester, 85% Vinyl on Polyester

Standard Widths: 98"

Standard Roll Length: 33 LY

AVILA TWILIGHT (BLACKOUT/PVC FREE)

Fenestration Properties

SWFcontract™

SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	0	65	35	0	*	0.30	0.30	*	*	*
Pearl	*	*	*	*	*	*	*	*	*	*
Linen	*	*	*	*	*	*	*	*	*	*
Khaki	*	*	*	*	*	*	*	*	*	*
Olive	*	*	*	*	*	*	*	*	*	*
Slate Grey	*	*	*	*	*	*	*	*	*	*
Chocolate	*	*	*	*	*	*	*	*	*	*
Black	0	64	36	0	*	0.31	0.31	*	*	*

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

Tr = Less Than 1/2 of 1% Openness

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: NFPA 701 TM#1, California U.S.Title 19



White
A0002



Pearl
A0007



Linen
A0020



Khaki
A0015



Olive
A0052



Slate Grey
A0001



Chocolate
A0061



Black
A0030

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 0%

Composition: 100% Polyester/Acrylic Foamed Backing/PVC free

Standard Widths: 110"

Standard Roll Length: 30 LY



Avila Twilight (Blackout/PVC free)

0% Openness

Avila Twilight (Blackout/PVC free) - 0%

AVILA TWILIGHT (BLACKOUT/PVC FREE)
0% Openness

SWFcontract™

SHADING SYSTEMS

					Shading Coefficient w/					
					Solar Optical Properties				Single	
Color Name	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Blanc	0	67	33	0	*	0.29	0.29	*	*	*
Sahel	0	69	31	0	*	0.28	0.29	*	*	*
Mississippi	0	72	28	0	*	0.26	0.28	*	*	*
Chartreux	0	70	30	0	*	0.27	0.28	*	*	*
Loutre	0	67	33	0	*	0.29	0.29	*	*	*

*Not Tested

Ts = Solar Transmittance
Rs = Solar Reflectance
As = Solar Absorptance
Tv = Visual Transmittance
1/8CL = 1/8" Clear Glass

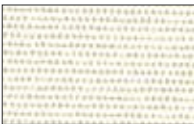
1/4CL = 1/4" Clear Glass
1/4HA = 1/4" Heat Absorbing Glass
1/2CL = 1/2" Insulating Clear Glass
1CL = 1" Insulating Clear Glass
1HA = 1" Insulating Heat Absorbing Glass

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.

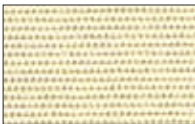
Fire Classification: NFPA 701 TM#1, ASTM-E84 classs A, California U.S. Title 19, M1 NFP 92 503, B1 DIN 4102-1



**Blanc
600**



**Sahel
623**



**Mississippi
618**



**Chartreux
608**



**Loutre
609**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 0%

Composition: 42% Fiberglass, 51% Acrylic, 7% Cotton, Flocké Backing/PVC free

Standard Widths: 78"

Standard Roll Length: 30 LY

Flocké (Blackout/PVC free)

0% Openness

Flocké (Blackout/PVC free) - 0%

FLOCKÉ (BLACKOUT/PVC FREE)
0% Openness

SWFcontract™
SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	0	64	36	0	0.31	0.31	0.30	*	0.30	0.24
Birch	*	*	*	*	*	*	*	*	*	*
Sand	*	*	*	*	*	*	*	*	*	*
Wheat	*	*	*	*	*	*	*	*	*	*
Mushroom	*	*	*	*	*	*	*	*	*	*
Canyon	*	*	*	*	*	*	*	*	*	*
Graphite	*	*	*	*	*	*	*	*	*	*
Onyx	0	64	36	0	0.31	0.31	0.30	*	0.30	0.24

*Not Tested

Ts = Solar Transmittance
Rs = Solar Reflectance
As = Solar Absorptance
Tv = Visual Transmittance
1/8CL = 1/8" Clear Glass

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

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), BS 5867 2008 Part 2 Type B Performance, and CAN/ULC-5109-03 (large and small scale)

Bacteria and Fungal Resistance: ASTM G21-96, AATCC 174-1998 Part II and III



**White
P6270**



**Birch
P6370**



**Sand
P6470**



**Wheat
Q5770**



**Mushroom
Q5870**



**Canyon
V4170**



**Graphite
P3970**



**Onyx
V4070**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 0%

Composition: 100% Polyester with Acrylic Foamed Backing (PVC Free)

Standard Widths: 94"

Standard Roll Length: 30 LY





**White
P0271**



**Bone
Q0571**



**White/Bone
P0471**



**Bone/Platinum
Q0671**



**White/Platinum
P0571**



**Charcoal
V2171**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 0%

Composition: Fabric laminated and Vinyl-coated fiberglass with a 2-ply 100% PVC blackout film

Standard Widths: 72" and 96"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	0	71	29	0	0.25	0.26	0.28	*	0.26	0.22
White/Bone	*	*	*	*	*	*	*	*	*	*
White/Platinum	*	*	*	*	*	*	*	*	*	*
Bone	*	*	*	*	*	*	*	*	*	*
Bone/Platinum	*	*	*	*	*	*	*	*	*	*
Charcoal	0	69	31	0	0.27	0.28	0.29	*	0.28	0.23

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale); NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A rating), UBC (Class 1), NFPA 701 TM#2 (large scale) and BS 5867 2008 Part 2 Type B Performance

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G 22 and ASTM G21; includes Microban antimicrobial additives in the face fabric



SWFcontract™

SHADING SYSTEMS

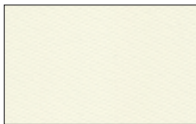
The solar optical properties are used to calculate the shading coefficient. The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.

Fire Classification: NFPA 701-2004 TM#1 (small scale), California state Fire Marshall section 13115. Registration NO. F-35803, state of California Administrative Code title 19 Section 1237.1, NFPA 701-89 Large Scale test, FTMS 191 Method 5903

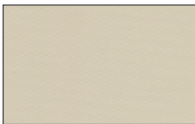
Bacteria and Fungal Resistance: ASTM G 21



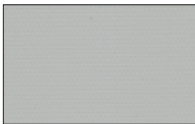
White
R6001



Creamy Beige
R6003



Beige Duplex
R6004



Smokey Duplex
R6005



Black on Black
R6013



Black Duplex
R6039

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 0%

Composition: 3 Ply Vinyl with 1 Ply Fiberglass

Standard Widths: 72"

Standard Roll Length: 30 LY



E SCREEN 7501

1% Openness



**White/White
10202**



**Linen/Linen
12020**



**Charcoal/Charcoal
13030**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 1%
Composition: 36% Fiberglass/64% Vinyl
Standard Widths: 98"
Standard Roll Length: 30 LY



**White/Linen
10220**



**Charcoal/Grey
13001**



**White/Pearl
10207**



**Charcoal/Cocoa
13061**



SWFcontract™ SHADING SYSTEMS

		Shading Coefficient w/								
		Solar Optical Properties				Single			Insulating	
Color Name	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White/White	17	68	15	15	*	0.32	0.31	*	*	*
White/Linen	18	60	22	13	*	0.38	0.34	*	*	*
White/Pearl	10	52	38	8	*	0.41	0.36	*	*	*
Linen/Linen	17	52	31	11	*	0.43	0.37	*	*	*
Charcoal/Grey	1	3	90	1	*	0.66	0.49	*	*	*
Charcoal/Cocoa	2	5	93	2	*	0.79	*	*	*	*
Charcoal/Charcoal	1	5	94	1	*	0.68	0.50	*	*	*

* Not tested

Ts = Solar Transmittance
 Rs = Solar Reflectance
 As = Solar Absorptance
 Tv = Visual Transmittance
 1/8CL = 1/8" Clear Glass

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

Fire Classification: NFPA 701 TM#1, California US Title 19

Bacteria and Fungal Resistance: ASTM-G21

E SCREEN 7501

Fenestration Properties

E Screen 7501

1% Openness

E Screen 7501 - 1%

SWFcontract™

SHADING SYSTEMS

					Shading Coefficient w/					
					Solar Optical Properties				Single	
Color Name	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White/White	20	65	15	17	*	0.35	0.33	*	*	*
White/Linen	19	60	21	16	*	0.38	0.34	*	*	*
White/Pearl	13	51	36	11	*	0.42	0.37	*	*	*
Linen/Linen	20	51	29	15	*	0.44	0.38	*	*	*
Charcoal/Grey	3	9	88	3	*	0.66	0.49	*	*	*
Charcoal/Cocoa	4	7	89	3	*	0.78	*	*	*	*
Charcoal/Charcoal	2	5	93	3	*	0.68	0.50	*	*	*

* Not tested

Ts = Solar Transmittance
 Rs = Solar Reflectance
 As = Solar Absorptance
 Tv = Visual Transmittance
 1/8CL = 1/8" Clear Glass

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

Fire Classification: NFPA 701 TM#1, California US Title 19

Bacteria and Fungal Resistance: ASTM-G21



White/White
30202



White/Linen
30220



White/Pearl
30207



Linen/Linen
30200



Charcoal/Grey
33001



Charcoal/Cocoa
33061



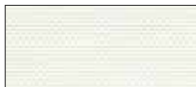
Charcoal/Charcoal
33030

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 3%
Composition: 36% Fiberglass/64% Vinyl
Standard Widths: 98"
Standard Roll Length: 30 LY





**Oyster*
P1225**



**Oyster/Beige*
P1325**



**Oyster/Pearl Gray*
P1425**



**Beige*
Q2025**



**Beige/Pearl Gray*
Q2125**



**Pearl Gray*
V2025**



**Charcoal/Alpaca*
V3225**



**Charcoal/Gray*
V2225**



**Charcoal/Chestnut*
V2425**



**Charcoal*
V2125**

Actual color may vary

*Also available in Graber® Panel Accents™ Sliding Panels

SPECIFICATION DATA:

Openness Factor: 1%

Composition: 37% Fiberglass, 63% Vinyl on Fiberglass

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™ SHADING SYSTEMS

					Shading Coefficient w/					
	Solar Optical Properties				Single			Insulating		
Color Name	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Oyster	15	68	17	13	0.31	0.32	0.31	0.30	0.30	0.25
Oyster/Beige	10	60	30	9	0.36	0.36	0.33	0.34	0.34	0.27
Oyster/Pearl Gray	7	50	43	6	0.43	0.42	0.36	0.40	0.39	0.29
Beige	7	50	43	6	0.43	0.42	0.36	0.40	0.39	0.29
Beige/Pearl Gray	5	42	53	5	0.48	0.46	0.39	0.45	0.43	0.32
Pearl Gray	3	32	65	3	0.54	0.52	0.42	0.52	0.48	0.34
Charcoal/Alpaca	1	16	83	2	0.65	0.62	0.47	0.61	0.56	0.39
Charcoal/Gray	2	8	90	3	0.70	0.67	0.49	0.67	0.60	0.41
Charcoal/Chestnut	1	6	93	1	0.71	0.68	0.50	0.68	0.61	0.42
Charcoal	1	4	95	1	0.73	0.69	0.50	0.69	0.62	0.42

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, and NFPA 701 TM#2 (large scale)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22 AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives



SHEERWEAVE® 2701

1% Openness



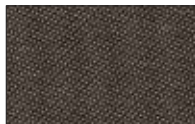
Oyster
P1227



Oyster/Pewter
P9127



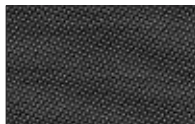
Oyster/Beige
P1327



Oyster/Chestnut
P9277



Oyster/Pearl Gray
P1427



Oyster/Charcoal
P2827

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 1%

Composition: 36% Fiberglass, 64% Vinyl on Fiberglass

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™

SHADING SYSTEMS

Color Name					Shading Coefficient w/					
					Single			Insulating		
	Solar Optical Properties				1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Oyster	Ts	Rs	As	Tv	0.36	0.36	0.33	0.34	0.34	0.26
Oyster/Beige	15	57	28	12	0.38	0.38	0.34	0.36	0.35	0.27
Oyster/Pearl Gray	8	54	38	4	0.40	0.39	0.34	0.38	0.37	0.28
Oyster/Pewter	6	43	51	6	0.46	0.45	0.37	0.45	0.42	0.30
Oyster/Chestnut	6	41	53	6	0.47	0.46	0.38	0.46	0.44	0.32
Oyster/Charcoal	5	39	58	6	0.49	0.47	0.39	0.46	0.44	0.32

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), British Standard 5867 and NFPA 701 TM#2 Large Scale

Bacteria and Fungal Resistance: ASTM E 2180; includes Microban antimicrobial additives



SheerWeave® 2701

1% Openness

SheerWeave® 2701 - 1%

SHEERWEAVE® 2701
Fenestration Properties

SHEERWEAVE® 4800

1% Openness



**Chalk
P0648**



**Grey
V1648**



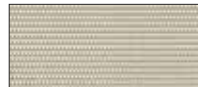
**Clay
V6048**



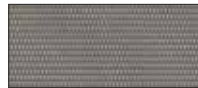
**Flint
V6248**



**Pearl
P7548**



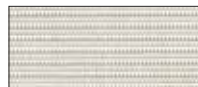
**Sand
Q9748**



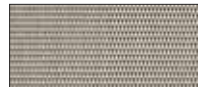
**Fleece
V5948**



**Mink
V6148**



**Alabaster
P0748**



**Taupe
Q9948**



**Mocha
Q9848**



**Ebony
P0748**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 1%

Composition: 24% Polyester, 76% Vinyl on Polyester

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™ SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Chalk	8	77	15	6	0.21	0.22	0.26	0.22	0.24	0.21
Pearl	4	67	29	3	0.29	0.30	0.30	0.28	0.29	0.24
Alabaster	10	62	28	4	0.35	0.35	0.32	0.33	0.33	0.26
Grey	4	51	45	2	0.41	0.40	0.35	0.39	0.38	0.29
Sand	1	51	48	1	0.40	0.40	0.35	0.39	0.38	0.29
Taupe	1	41	58	0	0.47	0.46	0.38	0.45	0.43	0.32
Clay	0	32	68	0	0.53	0.51	0.41	0.51	0.48	0.34
Fleece	0	24	76	1	0.59	0.56	0.44	0.56	0.52	0.37
Mocha	0	12	88	1	0.67	0.64	0.48	0.63	0.58	0.40
Flint	0	8	92	0	0.70	0.66	0.49	0.65	0.60	0.41
Mink	0	7	93	0	0.70	0.67	0.49	0.66	0.61	0.42
Ebony	0	3	97	0	0.73	0.69	0.51	0.68	0.63	0.43

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 Large Scale and CAN/ULC S109-M-87

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G 22; AATCC30 part 3, ASTM D 3273, GREENGUARD Mold and Bacteria standard ASTM 6329; includes Microban antimicrobial additives



SHEERWEAVE® 4800

Fenestration Properties

SheerWeave® 4800

1% Openness

SheerWeave® 4800 - 1%

M SCREEN 8503

3% Openness



White/White M0202



White/Linen M0220



Linen/Stone M2022



Pearl/Sable M0710



Charcoal/Sable M3010



White/Stone M0222



White/Sable M0210



Pearl/Linen M0720



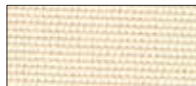
Charcoal/Apricot M3071



Cocoa/Charcoal M6130



White/Pearl M0207



Linen/Linen M2020



Pearl/Pearl M0707



Charcoal/Grey M3001



Charcoal/Charcoal M3030

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 36% Fiberglass/64% Vinyl

Standard Widths: 98"

Standard Roll Length: 30 LY



SWFcontract™

SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White/ White	17	67	16	17	*	0.33	0.32	*	*	*
White/Stone	20	58	22	19	*	0.40	0.35	*	*	*
White/Pearl	11	50	39	11	*	0.43	0.37	*	*	*
White/Linen	16	59	25	15	*	0.38	0.34	*	*	*
White/Sable	12	50	38	12	*	0.43	0.37	*	*	*
Linen/Linen	17	50	33	14	*	0.44	0.37	*	*	*
Linen/Stone	19	50	31	17	*	0.44	0.38	*	*	*
Pearl/Linen	9	38	53	8	*	0.50	0.40	*	*	*
Pearl/Pearl	6	32	62	6	*	0.53	0.42	*	*	*
Pearl/Sable	8	33	59	7	*	0.53	0.42	*	*	*
Charcoal/Apricot	4	14	82	4	*	0.63	0.48	*	*	*
Charcoal/Grey	3	9	88	4	*	0.66	0.49	*	*	*
Charcoal/Sable	3	14	83	4	*	0.63	0.47	*	*	*
Cocoa/Charcoal	3	7	90	4	*	0.67	0.50	*	*	*
Charcoal/Charcoal	2	6	92	4	*	0.68	0.50	*	*	*

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

Tr = Less Than 1/2 of 1% Openness

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: NFPA 701 TM#1, California U.S Title 19

Bacteria and Fungal Resistance: ASTM-G21, ASTM E2180

M SCREEN 8503

Fenestration Properties

M Screen 8503

3% Openness

Fenestration Properties for M Screen 8503 - 3%

M SCREEN 8505

5% Openness



White/White N0202



White/Linen N0220



Linen/Stone N2022



Pearl/Sable N0710



Charcoal/Sable N3010



White/Stone N0222



White/Sable N0210



Pearl/Linen N0720



Charcoal/Apricot N3071



Cocoa/Charcoal N6130



White/Pearl N0207



Linen/Linen N2020



Pearl/Pearl N0707



Charcoal/Grey N3001



Charcoal/Charcoal N3030

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 36% Fiberglass, 64% Vinyl

Standard Widths: 98"

Standard Roll Length: 30 LY



SWFcontract™

SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White/ White	19	65	16	20	*	0.35	0.33	*	*	*
White/Stone	21	58	21	21	*	0.40	0.35	*	*	*
White/Pearl	13	49	38	14	*	0.44	0.37	*	*	*
White/Linen	18	58	24	17	*	0.39	0.35	*	*	*
White/Sable	14	50	36	14	*	0.43	0.37	*	*	*
Linen/Linen	18	49	33	16	*	0.45	0.38	*	*	*
Linen/Stone	21	49	30	19	*	0.46	0.38	*	*	*
Pearl/Linen	11	37	52	11	*	0.51	0.41	*	*	*
Pearl/Pearl	8	31	61	10	*	0.54	0.43	*	*	*
Pearl/Sable	10	32	58	10	*	0.54	0.43	*	*	*
Charcoal/Apricot	6	14	80	8	*	0.64	0.48	*	*	*
Charcoal/Grey	5	9	86	8	*	0.67	0.49	*	*	*
Charcoal/Sable	6	13	81	8	*	0.65	0.48	*	*	*
Cocoa/Charcoal	5	7	88	8	*	0.68	0.50	*	*	*
Charcoal/Charcoal	4	5	91	7	*	0.69	0.50	*	*	*

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: NFPA 701 TM#1, California U.S Title 19

Bacteria and Fungal Resistance: ASTM-G21, ASTM E2180

M SCREEN 8505

Fenestration Properties

M Screen 8505

5% Openness

Fenestration Properties for M Screen 8505 - 5%



**White
0002**



**Linen
0020**



**Pearl
0007**



**Pearl Linen
0019**



**Pewter
0023**



**Charcoal Bronze
0015**



**Charcoal
0030**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 100% Polyester/PVC Free

Standard Widths: 118"

Standard Roll Length: 55 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	47	44	9	39	*	0.55	0.44	*	*	*
Linen	45	42	13	35	*	0.56	0.44	*	*	*
Pearl	39	39	22	27	*	0.56	0.44	*	*	*
Pearl Linen	39	39	22	26	*	0.56	0.44	*	*	*
Pewter	30	32	38	11	*	0.58	0.45	*	*	*
Charcoal Bronze	24	28	48	7	*	0.59	0.46	*	*	*
Charcoal	25	29	46	6	*	0.59	0.46	*	*	*

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: NFPA 701-99 TM#1, California U.S Title 19

SHEERWEAVE® 2410

3% Openness



Oyster
P1224



Beige
Q2024



Charcoal/Alpaca
V3224



Charcoal
V2124

Actual color may vary



Oyster/Beige
P1324



Beige/Pearl Gray
Q2124



Charcoal Gray
V2224



Oyster/Pearl Gray
P1424



Pearl Gray
V2024



Charcoal/Chestnut
V2424

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 35% Fiberglass, 65% Vinyl on Fiberglass

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™ SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Oyster	17	64	19	12	0.35	0.35	0.33	0.33	0.33	0.26
Oyster/Beige	11	55	34	8	0.40	0.39	0.35	0.38	0.37	0.28
Oyster/Pearl Gray	9	44	47	7	0.47	0.46	0.38	0.44	0.43	0.31
Beige	10	48	42	7	0.45	0.44	0.37	0.42	0.41	0.30
Beige/Pearl Gray	7	39	54	5	0.50	0.49	0.40	0.47	0.45	0.33
Pearl Gray	6	31	63	5	0.56	0.53	0.42	0.52	0.49	0.35
Charcoal/Alpaca	4	20	76	5	0.63	0.60	0.46	0.59	0.55	0.38
Charcoal/Gray	3	9	88	3	0.70	0.66	0.49	0.65	0.60	0.41
Charcoal/Chestnut	3	6	91	3	0.72	0.68	0.50	0.67	0.62	0.42
Charcoal	3	3	94	3	0.74	0.70	0.51	0.69	0.63	0.43

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), B55867 2008 Part 2 Type B Performance, and NFPA 701 TM#2 (large scale) and CAN/ULC-S109-03 (large and small scale)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22 AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives.



SheerWeave® 2410

3% Openness

Fenestration Properties for SheerWeave® 2410 - 3%

SHEERWEAVE® 2410
Fenestration Properties



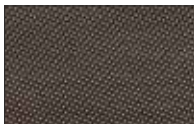
**Oyster
P1273**



**Oyster/Pewter
P4273**



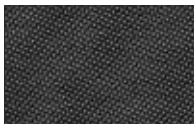
**Oyster/Beige
P2273**



**Oyster/Chestnut
P5273**



**Oyster/Pearl Gray
P1473**



**Oyster/Charcoal
P3273**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 36% Fiberglass, 64% Vinyl on Fiberglass

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Oyster	22	62	16	19	0.38	0.37	0.34	0.35	0.35	0.27
Oyster/Beige	15	58	27	13	0.39	0.38	0.34	0.37	0.36	0.28
Oyster/Pearl Gray	9	53	38	9	0.41	0.40	0.35	0.39	0.38	0.29
Oyster/Pewter	8	44	48	9	0.47	0.46	0.38	0.45	0.42	0.31
Oyster/Chestnut	7	42	51	8	0.48	0.47	0.39	0.46	0.43	0.32
Oyster/Charcoal	7	40	53	8	0.50	0.48	0.39	0.47	0.44	0.32

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), B55867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109-03 (large and small scale), and ASTM E84 (Class 1)

Bacteria and Fungal Resistance: ASTM E 2180; ASTM G22, AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives. includes Microban antimicrobial additives



SHEERWEAVE® 4400

3% Openness



**Chalk
P0644**



**Greystone
Q1544**



**Ash
V1554**



**Alabaster
P0744**



**Granite
P1044**



**Tobacco
Q1644**



**Pebblestone
Q1244**



**Pewter
V0744**



**Ebony
V1044**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 25% Polyester, 75% Vinyl on Polyester

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™ SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Chalk	12	70	18	7	*	0.30	0.30	*	0.16	0.15
Alabaster	10	62	28	6	*	0.35	0.32	*	0.19	0.17
Pebblestone	9	51	40	6	*	0.42	0.36	*	0.38	0.28
Greystone	6	39	55	5	*	0.48	0.40	*	0.44	0.32
Granite	6	48	46	5	*	0.43	0.37	*	0.25	0.20
Pewter	3	26	71	2	*	0.56	0.44	*	0.34	0.25
Ash	3	10	87	4	*	0.66	0.49	*	0.60	0.41
Tobacco	3	5	92	3	*	0.69	0.50	*	0.62	0.42
Ebony	3	3	94	3	*	0.70	0.51	*	0.63	0.43

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 Large Scale and CAN/ULC S109-M-87 (large and small scale)

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G 22; AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives.



SheerWeave® 4400

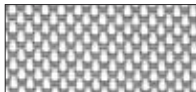
3% Openness

Fenestration Properties for SheerWeave® 4400 - 3%

SHEERWEAVE® 4400
Fenestration Properties



Chalk
P0646



Granite
P0460



Sandstone
V4446



Ebony
V1046

Actual color may vary



Ecru
Q5946



Golden Sand
Q6046



Cappuccino
V9546



Linen
U3246



Pewter
V0746



Dark Bronze
V9646

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 22% Polyester, 78% Vinyl on Polyester

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™ SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single					
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Chalk	10	74	16	9	0.26	0.27	0.28	*	0.26	0.22
Ecru	7	58	35	8	0.37	0.37	0.33	*	0.34	0.27
Linen	8	64	28	8	0.33	0.33	0.31	*	0.32	0.25
Granite	5	43	52	7	0.47	0.46	0.38	*	0.43	0.31
Golden Sand	6	37	57	7	0.51	0.50	0.40	*	0.46	0.33
Pewter	5	31	64	7	0.55	0.53	0.42	*	0.49	0.35
Sandstone	5	39	56	6	0.50	0.48	0.40	*	0.45	0.33
Cappuccino	4	20	76	6	0.63	0.60	0.46	*	0.55	0.38
Dark Bronze	4	5	91	7	0.73	0.69	0.50	*	0.62	0.42
Ebony	3	3	94	5	0.74	0.70	0.51	*	0.61	0.43

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

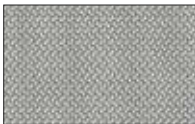
1HA = 1" Insulating Heat Absorbing Glass

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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 Large Scale, ASTM E84 (Class 1) and CAN/ULC S109-03 (large and small scale)

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G 22; includes Microban antimicrobial additives

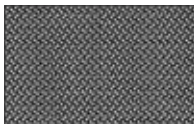




Granite P1046



Linen P6546



Coal V4546



Chestnut V4746

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 17% Polyester, 83% Vinyl on Polyester

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single					
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Granite	6	55	39	8	0.39	0.38	0.34	*	0.36	0.28
Linen	7	58	35	8	0.37	0.37	0.33	*	0.35	0.27
Coal	5	47	48	7	0.44	0.43	0.37	*	0.40	0.30
Chestnut	7	48	45	8	0.44	0.43	0.37	*	0.40	0.30

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorbance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 Large Scale, ASTM E84 (Class 1) and CAN/ULC-S109-03 (large and small scale)

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G 22; AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria standard ASTM 6329; includes Microban antimicrobial additives





**White
P02B3**



**Charcoal/Gray
V22B3**



**White/Bone
P04B3**



**Charcoal
V21B3**



**White/Platinum
P05B3**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 38% Fiberglass, 62% Vinyl on Fiberglass

Standard Widths: 98"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	15	64	21	16	0.32	0.33	0.32	0.31	0.31	0.25
White/Bone	12	58	30	11	0.37	0.37	0.34	0.35	0.36	0.27
White/Platinum	8	50	42	8	0.41	0.41	0.36	0.39	0.38	0.29
Charcoal/Gray	1	8	91	2	0.7	0.66	0.49	0.66	0.6	0.41
Charcoal	1	4	95	2	0.73	0.69	0.5	0.69	0.62	0.42

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 701 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S109-03 (large and small scale) and NFPA 701 TM#2 (large scale)

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G 22; AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria standard ASTM 6329; includes Microban antimicrobial additives





**White
P02B5**



**Charcoal/Gray
V22B5**



**White/Bone
P04B5**



**Charcoal
V21B5**



**White/Platinum
P05B5**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 38% Fiberglass, 62% Vinyl on Fiberglass

Standard Widths: 98"

Standard Roll Length: 30 PLY



SWFcontract™
SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	19	68	13	17	0.33	0.33	0.32	0.31	0.31	0.25
White/Bone	16	60	24	14	0.38	0.37	0.34	0.35	0.35	0.27
White/Platinum	11	53	36	11	0.41	0.41	0.36	0.39	0.38	0.29
Charcoal/Gray	7	9	84	7	0.7	0.67	0.49	0.66	0.8	0.41
Charcoal	6	4	90	6	0.74	0.7	0.51	0.7	0.83	0.43

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorbance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 701 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S109-03 (large and small scale) and NFPA 701 TM#2 (large scale)

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G 22; AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria standard ASTM 6329; includes Microban antimicrobial additives



E SCREEN 7505

5% Openness



White/White
E0202

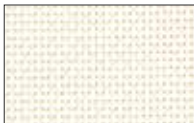


Linen/Linen
E0202



Charcoal/Charcoal
E0300

Actual color may vary



White/Linen
E0220



Charcoal/Grey
E3001



White/Pearl
E0207



Charcoal/Cocoa
E3061

SPECIFICATION DATA:

Openness Factor: 5%
Composition: 36% Fiberglass, 64% Vinyl
Standard Widths: 76", 96" and 120"
Standard Roll Length: 30 LY



SWFcontract™ SHADING SYSTEMS

					Shading Coefficient w/									
					Solar Optical Properties				Single			Insulating		
Color Name	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA				
White/White	27	59	14	20	*	0.41	0.36	*	*	*				
White/Linen	25	54	21	18	*	0.43	0.37	*	*	*				
White/Pearl	21	46	33	17	*	0.47	0.39	*	*	*				
Linen/Linen	17	53	30	13	*	0.42	0.36	*	*	*				
Charcoal/Grey	8	10	82	8	*	0.68	0.50	*	*	*				
Charcoal/Cocoa	7	6	87	7	*	0.79	*	*	*	*				
Charcoal/Charcoal	7	4	89	8	*	0.70	0.51	*	*	*				

*Not Tested

Ts = Solar Transmittance
 Rs = Solar Reflectance
 As = Solar Absorptance
 Tv = Visual Transmittance
 1/8CL = 1/8" Clear Glass

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

Fire Classification: California U.S. Title 19, NFPA 701-99 TM#1

E Screen 7505

5% Openness

Fenestration Properties for E Screen 7505 - 5%

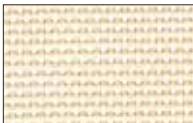
E SCREEN 7505
Fenestration Properties

E SCREEN 7510

10% Openness



**White/White
0202**



**Linen/Linen
2020**



**Charcoal/Charcoal
3030**

Actual color may vary



**White/Linen
0220**



**Charcoal/Grey
3001**



**White/Pearl
0207**



**Charcoal/Cocoa
3061**

SPECIFICATION DATA:

Openness Factor: 10%

Composition: 36% Fiberglass, 64% Vinyl

Standard Widths: 78", 98" and 122"

Standard Roll Length: 30 LY



SWFcontract™ SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White/White	30	57	13	23	*	0.43	0.37	*	*	*
White/Linen	28	53	19	22	*	0.45	0.38	*	*	*
White/Pearl	24	47	29	20	*	0.48	0.39	*	*	*
Linen/Linen	24	48	26	19	*	0.47	0.39	*	*	*
Charcoal/Grey	10	8	82	12	*	0.68	0.50	*	*	*
Charcoal/Cocoa	11	5	84	11	*	0.80	*	*	*	*
Charcoal/Charcoal	11	4	85	12	*	0.71	0.52	*	*	*

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19, NFPA 701-99 TM#1

E Screen 7510

10% Openness

Fenestration Properties for E Screen 7510 - 10%

E SCREEN 7510
Fenestration Properties



**White/White
T0202**



**Charcoal/Bronze
T3006**



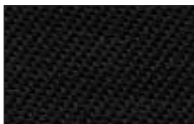
**White/Straw
T0223**



**Charcoal/Grey
T3001**



**Bronze/Bronze
T0606**



**Charcoal/Charcoal
T3030**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 42% Fiberglass, 58% Vinyl

Standard Widths: 98"

Standard Roll Length: 55 LY

SWFcontract™
SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White/White	22	62	16	23	*	0.37	0.34	*	*	*
White/Straw	18	53	29	19	*	0.42	0.37	*	*	*
Bronze/Bronze	6	8	86	10	*	0.68	0.50	*	*	*
Charcoal/Bronze	6	6	88	9	*	0.69	0.50	*	*	*
Charcoal/Grey	7	13	80	10	*	0.65	0.48	*	*	*
Charcoal/Charcoal	6	5	89	9	*	0.69	0.51	*	*	*

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

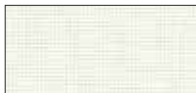
1HA = 1" Insulating Heat Absorbing Glass

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.

Fire Classification: California U.S. Title 19, NFPA 701-10 TM#1

Bacteria and Fungal Resistance: ASTM E 2180 and ASTM G 21

SHEERWEAVE® 2000
5% Openness



**White
P0220**



**Platinum
V0420**

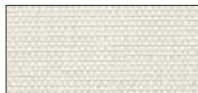


**Bronze
Q1020**



**Charcoal
V2120**

Actual color may vary



**White/Bone
P0420**



**Bone
Q0520**



**Charcoal/Gray
V2220**



**White/Platinum
P0520**



**Bone/Platinum
Q0620**



**Charcoal/Chestnut
V2420**

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 37% Fiberglass, 63% Vinyl on Fiberglass

Standard Widths: 72" and 96"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	20	67	13	16	0.33	0.34	0.32	*	*	*
White/Bone	18	61	21	13	0.37	0.37	0.34	*	*	*
White/Platinum	13	49	38	11	0.45	0.44	0.37	*	*	*
Platinum	10	35	55	9	0.54	0.52	0.42	*	*	*
Bone	18	55	27	12	0.42	0.41	0.36	*	*	*
Bone/Platinum	12	43	45	10	0.49	0.47	0.39	*	*	*
Bronze	5	7	88	6	0.72	0.68	0.50	*	*	*
Charcoal/Gray	7	9	84	7	0.71	0.67	0.50	*	*	*
Charcoal/Chestnut	6	7	87	6	0.72	0.68	0.50	*	*	*
Charcoal	6	4	90	6	0.74	0.70	0.51	*	*	*

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S109 (large and small scale), NFPA 701 TM#2 (large scale) and ASTM E 84 (Class 1)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22 AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives



SheerWeave® 2000

5% Openness

Fenestration Properties for SheerWeave® 2000 - 5%

SHEERWEAVE® 2000
Fenestration Properties

SHEERWEAVE® 2100

10% Openness



White
P0221



Platinum
V0421



Bronze
Q1021



Charcoal
V2121

Actual color may vary



White/Bone
P0421



Bone
Q0521



Chacoal/Gray
V2221



White/Platinum
P0521



Bone/Platinum
Q0621



Charcoal/Chestnut
V2421

SPECIFICATION DATA:

Openness Factor: 10%

Composition: 37% Fiberglass, 63% Vinyl on Fiberglass

Standard Widths: 72" and 96"

Standard Roll Length: 30 LY



SWFcontract™ SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	22	60	18	16	0.39	0.39	0.35	*	*	*
White/Bone	19	54	27	14	0.43	0.42	0.36	*	*	*
White/Platinum	16	47	37	12	0.47	0.46	0.38	*	*	*
Platinum	10	31	59	9	0.59	0.54	0.43	*	*	*
Bone	19	44	37	15	0.5	0.48	0.40	*	*	*
Bone/Platinum	16	38	46	14	0.53	0.51	0.41	*	*	*
Bronze	8	5	87	9	0.74	0.70	0.51	*	*	*
Charcoal/Gray	11	8	81	12	0.72	0.69	0.50	*	*	*
Charcoal/Chestnut	11	6	83	12	0.74	0.70	0.51	*	*	*
Charcoal	9	4	87	10	0.75	0.71	0.51	*	*	*

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S109 (large and small scale), NFPA 701 TM#2 (large scale) and ASTM E84 (Class 1)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22 AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives



SheerWeave® 2100

10% Openness

Fenestration Properties for SheerWeave® 2100 - 10%

SHEERWEAVE® 2100
Fenestration Properties



Oyster
P1226



Beige
Q2026



Charcoal/Alpaca
V3226



Charcoal
V2126

Actual color may vary



Oyster/Beige
P1326



Beige/Pearl Gray
Q2126



Charcoal/Gray
V2226



Oyster/Pearl Gray
P1426



Pearl Gray
V2026



Charcoal/Chestnut
V2426

SPECIFICATION DATA:

Openness Factor: 10%

Composition: 35% Fiberglass, 65% Vinyl on Fiberglass

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™ SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Oyster	27	57	16	21	0.43	0.42	0.36	0.39	0.38	0.29
Oyster/Beige	24	51	25	19	0.46	0.45	0.38	0.43	0.41	0.31
Oyster/Pearl Gray	20	45	35	16	0.49	0.48	0.40	0.46	0.44	0.32
Beige	19	44	37	16	0.50	0.48	0.40	0.46	0.44	0.32
Beige/Pearl Gray	17	39	44	15	0.53	0.51	0.41	0.49	0.46	0.34
Pearl Gray	16	30	54	14	0.59	0.56	0.44	0.55	0.51	0.36
Charcoal/Alpaca	12	15	73	16	0.68	0.65	0.48	0.64	0.58	0.40
Charcoal/Gray	12	8	80	14	0.73	0.69	0.51	0.68	0.62	0.42
Charcoal/Chestnut	11	5	84	12	0.74	0.70	0.51	0.69	0.63	0.43
Charcoal	10	4	86	11	0.75	0.71	0.52	0.70	0.64	0.43

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

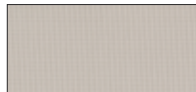
Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale) and CAN/ULC-S109-03 (large and small scale)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22 AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives





**Oyster
P1229**



**Beige
Q2029**



**Charcoal/Alpaca
V3229**



**Charcoal
V2129**

Actual color may vary



**Oyster/Beige
P1329**



**Beige/Pearl Gray
Q2129**



**Charcoal/Gray
V2229**



**Oyster/Pearl Gray
P1429**



**Pearl Gray
V2029**



**Charcoal/Chestnut
V2429**

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 35% Fiberglass, 65% Vinyl on Fiberglass

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Oyster	21	61	18	14	0.38	0.38	0.34	0.36	0.35	0.27
Oyster/Beige	17	54	29	12	0.42	0.41	0.36	0.39	0.38	0.29
Oyster/Pearl Gray	14	45	41	10	0.48	0.46	0.39	0.45	0.43	0.32
Beige	14	47	39	10	0.46	0.45	0.38	0.43	0.42	0.31
Beige/Pearl Gray	11	38	51	9	0.52	0.50	0.41	0.49	0.46	0.33
Pearl Gray	10	31	59	9	0.57	0.54	0.43	0.53	0.50	0.35
Charcoal/Alpaca	7	18	75	9	0.65	0.62	0.47	0.61	0.56	0.39
Charcoal/Gray	5	9	86	6	0.70	0.67	0.49	0.66	0.60	0.41
Charcoal/Chestnut	6	6	88	6	0.73	0.69	0.50	0.68	0.62	0.42
Charcoal	4	4	92	5	0.73	0.69	0.51	0.69	0.63	0.43

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: M1, California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale) and CAN/ULC-S109-03 (large and small scale)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22 AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives





Oyster
P1275



Oyster/Pewter
P4275



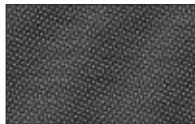
Oyster/Beige
P2275



Oyster/Chestnut
P5275



Oyster/Pearl Gray
P1475



Oyster/Charcoal
P3275

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 34% Fiberglass, 66% Vinyl on Fiberglass

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Oyster	22	62	16	20	0.38	0.37	0.34	0.35	0.35	0.27
Oyster/Beige	23	54	23	21	0.44	0.43	0.37	0.41	0.39	0.30
Oyster/Pearl Gray	19	51	30	21	0.45	0.44	0.37	0.42	0.40	0.30
Oyster/Pewter	11	46	43	12	0.46	0.45	0.38	0.44	0.42	0.31
Oyster/Chestnut	12	43	45	13	0.49	0.47	0.39	0.46	0.44	0.32
Oyster/Charcoal	12	40	48	14	0.51	0.49	0.40	0.48	0.45	0.33

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

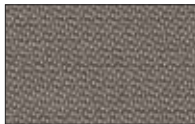
Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (Large Scale), and CAN/ULC-S109-03 (large and small scale) and ASTM E84 (Class 1)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22 AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives





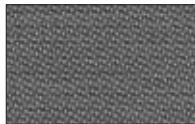
Oyster
P1710



Oyster/Chestnut
P5710



Oyster/Beige
P2710



Oyster/Charcoal
P3710



Oyster/Pewter
P4710

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 10%

Composition: 34% Fiberglass, 66% Vinyl on Fiberglass

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Oyster	34	54	12	32	0.46	0.45	0.38	0.43	0.41	0.31
Oyster/Beige	29	51	20	28	0.47	0.46	0.39	0.44	0.42	0.31
Oyster/Charcoal	21	37	42	24	0.55	0.53	0.42	0.52	0.48	0.35
Oyster/Pewter	24	43	33	25	0.52	0.50	0.41	0.48	0.45	0.33
Oyster/Chestnut	25	41	34	26	0.53	0.52	0.42	0.50	0.47	0.34

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867, NFPA 701 TM#2 (Large Scale), CAN/ULC-S109-03 (large and small scale), and ASTM E84 (Class 1)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22, AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives



SHEERWEAVE® 4000

5% Openness



Chalk*
P0640



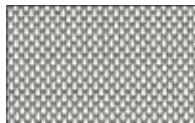
Greystone*
Q1540



Ash*
V1540



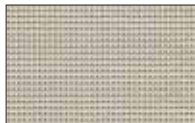
Alabaster*
P0740



Granite*
P1040



Tobacco*
Q1640



Pebblestone*
Q1240



Pewter*
V0740



Ebony*
V1040

Actual color may vary

*Also available in Graber® Panel Accents™ Sliding Panels

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 25% Polyester, 75% Vinyl on Polyester

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™ SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Chalk	16	68	16	12	*	0.32	0.31	*	0.31	0.25
Alabaster	15	57	28	13	*	0.39	0.35	*	0.36	0.28
Pebblestone	14	49	37	12	*	0.44	0.37	*	0.41	0.30
Greystone	10	34	56	9	*	0.52	0.42	*	0.32	0.24
Granite	11	41	48	10	*	0.48	0.40	*	0.29	0.23
Pewter	8	27	65	9	*	0.56	0.44	*	0.51	0.36
Ash	7	11	82	8	*	0.66	0.49	*	0.41	0.30
Tobacco	7	5	88	8	*	0.70	0.51	*	0.44	0.31
Ebony	6	5	89	8	*	0.69	0.51	*	0.63	0.43

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorbance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 Large Scale and CAN/ULC-S109-03 (large and small scale)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22, AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives



SheerWeave® 4000

5% Openness

Fenestration Properties for SheerWeave® 4000 - 5%

SHEERWEAVE® 4100

10% Openness



Chalk*
P0641



Greystone*
Q1541



Ash*
V1541



Alabaster*
P0741



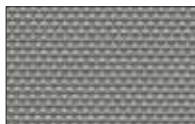
Granite*
P1041



Tobacco*
Q1641



Pebblestone*
Q1241



Pewter*
V0741



Ebony*
V1041

Actual color may vary

*Also available in Graber® Panel Accents™ Sliding Panels

SPECIFICATION DATA:

Openness Factor: 10%

Composition: 25% Polyester, 75% Vinyl on Polyester

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™ SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Chalk	18	66	16	15	*	0.34	0.32	*	0.32	0.25
Alabaster	19	56	25	16	*	0.41	0.36	*	0.38	0.29
Pebblestone	16	48	36	15	*	0.45	0.38	*	0.41	0.31
Greystone	14	35	51	14	*	0.53	0.42	*	0.48	0.34
Granite	15	42	43	14	*	0.49	0.40	*	0.29	0.23
Pewter	12	26	62	14	*	0.58	0.45	*	0.53	0.37
Ash	10	10	80	11	*	0.67	0.50	*	0.42	0.31
Tobacco	10	5	85	11	*	0.70	0.51	*	0.45	0.32
Ebony	10	4	86	11	*	0.71	0.52	*	0.64	0.43

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 Large Scale and CAN/ULC-S109-03 (large and small scale)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G 22, AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives



SheerWeave® 4100

10% Openness

Fenestration Properties for SheerWeave® 4100 - 10%

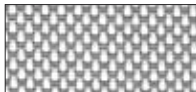
SHEERWEAVE® 4100
Fenestration Properties

SHEERWEAVE® 4500

5% Openness



Chalk
P0645



Granite
P0450



Sandstone
V4445

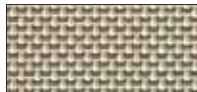


Ebony
V1045

Actual color may vary



Ecru
Q5945



Golden Sand
Q6045



Cappuccino
V9545



Linen
U3245



Pewter
V0745



Dark Bronze
V9645

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 17% Polyester, 83% Vinyl on Polyester

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™ SHADING SYSTEMS

	Solar Optical Properties	Shading Coefficient w/								
		Single			Insulating					
Color Name	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Chalk	12	74	14	11	0.26	0.27	0.29	*	0.27	0.22
Ecru	9	56	35	9	0.39	0.38	0.34	*	0.38	0.28
Linen	11	63	26	12	0.34	0.34	0.32	*	0.33	0.26
Granite	6	47	47	8	0.44	0.43	0.37	*	0.41	0.30
Golden Sand	7	37	56	8	0.52	0.50	0.40	*	0.46	0.33
Pewter	6	30	64	9	0.56	0.54	0.43	*	0.50	0.35
Sandstone	8	40	52	9	0.50	0.48	0.40	*	0.45	0.33
Cappuccino	6	18	76	9	0.64	0.61	0.47	*	0.56	0.39
Dark Bronze	7	5	88	10	0.73	0.70	0.51	*	0.63	0.43
Ebony	5	3	92	7	0.74	0.70	0.51	*	0.63	0.43

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 Large Scale, ASTM E 84 (Class 1) and CAN/ULC-S109-03 (large and small scale)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G 22, AATCC30 Part 3, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives



SheerWeave® 4500

5% Openness

Fenestration Properties for SheerWeave® 4500 - 5%

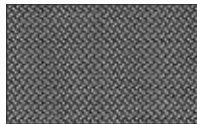
SHEERWEAVE® 4500
Fenestration Properties



**Granite
P1045**



**Linen
P6545**



**Coal
V4545**



**Chestnut
V4745**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 5%

Composition: 17% Polyester, 83% Vinyl on Polyester

Standard Widths: 63" and 98"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Granite	7	56	37	8	0.38	0.38	0.34	*	0.36	0.28
Linen	9	59	32	10	0.36	0.36	0.33	*	0.34	0.27
Coal	8	48	44	9	0.44	0.43	0.37	*	0.40	0.30
Chestnut	9	48	43	11	0.44	0.43	0.37	*	0.40	0.30

*Not Tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

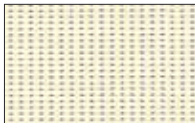
1HA = 1" Insulating Heat Absorbing Glass

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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 Large Scale, ASTM E 84 (Class 1) and CAN/ULC-S109-03 (large and small scale)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G 22, AATCC30 Part 3, ASTM G21, ASTM 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives





**White
P0210**



**Antique White
P0310**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 25%

Composition: 35% Fiberglass, 65% Vinyl on Fiberglass

Standard Widths: 84"

Standard Roll Length: 30 LY

SWFcontract™
SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White	36	50	14	31	0.50	0.48	0.40	*	*	*
Antique White	37	47	16	32	0.52	0.51	0.41	*	*	*

* Not tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM # 1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance and NFPA 701 TM#2 Large Scale

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22, AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives





**Bamboo/Birch-10%*
P6050**



**Linen/Burlap-3%*
U1150**



**Linen/Cinnamon-3%*
R1250**



**Marble/Sand-5%*
Q4350**



**Bamboo/Wheat-7%*
Q4650**



**Linen/Fig-3%*
V8850**



**Linen/Cream-3%*
U1250**



**Linen/Topaz-3%*
U1050**



**Linen/Cranberry-3%*
R1150**

Actual color may vary

*Also available in Graber® Panel Accents™ Sliding Panels

SPECIFICATION DATA:

Openness Factor: Varies by color

Composition: Varies by color

Standard Widths: 98"

Standard Roll Length: 30 LY

SWFcontract™ SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Bamboo/Birch ¹	21	59	20	18	0.40	0.39	0.35	0.37	0.36	0.28
Marble/Sand ¹	9	48	43	9	0.44	0.43	0.37	0.42	0.40	0.30
Linen/Cream ²	22	46	31	21	0.49	0.48	0.39	0.46	0.43	0.32
Linen/Burlap ²	10	30	60	9	0.57	0.55	0.43	0.54	0.50	0.36
Bamboo/Wheat ³	19	29	52	16	0.60	0.58	0.45	0.56	0.52	0.37
Linen/Topaz ²	11	24	65	10	0.62	0.59	0.45	0.58	0.53	0.38
Linen/Cinnamon ²	6	20	74	8	0.63	0.60	0.46	0.60	0.55	0.38
Linen/Fig ²	6	15	79	8	0.67	0.63	0.48	0.63	0.57	0.40
Linen/Cranberry ²	7	17	76	8	0.65	0.62	0.47	0.62	0.57	0.39

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

¹**Fire Classification:** California US Title 19 (Small Scale), NFPA 701-2004 TM#1 (Small and Large Scale), BS 5867 2008 Part 2 Type B Performance, NFPA 101 (Class A Rating), and UBC (Class 1)

²**Fire Classification:** California Technical Bulletin 117 Sect. E. Part 1, NFPA 101 (Class A Rating), and UBC (Class 1)

³**Fire Classification:** California Technical Bulletin 117 Sect. E. Part 1, NFPA 101 (Class A Rating), NFPA 701-2004 TM#1 (Small Scale) and UBC (Class 1)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22, ASTM G21;
includes Microban antimicrobial additives





**Tweed/Oatmeal-5%*
Q9450**



**Thatch/Wheatgrass-7%*
Q9650**



**Tweed/Buckeye-5%*
Q9550**



**Rattan/Umber-7%*
Q4950**



**Wicker/Mushroom-5%*
Q5150**



**Bark/Cedar-10%*
Q4850**



**Honeycomb/Brown Sugar-10%*
Q5350**



**Bark/Tiger Oak-5%*
Q5050**



**Moire/Mocha-7%*
Q4750**

Actual color may vary

*Also available in Graber® Panel Accents™ Sliding Panels

SPECIFICATION DATA:

Openness Factor: Varies by color

Composition: Varies by color

Standard Widths: 98"

Standard Roll Length: 30 LY

SWFcontract™
SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Tweed/Oatmeal ¹	11	34	55	10	0.55	0.53	0.42	0.51	0.48	0.35
Rattan/Umber ²	18	27	55	12	0.61	0.59	0.45	0.57	0.53	0.37
Honeycomb/Brown Sugar ²	19	26	55	15	0.62	0.60	0.46	0.58	0.54	0.38
Thatch/Wheatgrass ¹	11	26	63	11	0.60	0.58	0.45	0.56	0.52	0.37
Wicker/Mushroom ²	15	24	61	11	0.63	0.60	0.46	0.58	0.54	0.38
Bark/Tiger Oak ²	17	24	59	16	0.63	0.60	0.46	0.59	0.54	0.38
Tweed/Buckeye ¹	9	28	63	9	0.58	0.56	0.44	0.55	0.51	0.36
Bark/Cedar ²	22	17	61	16	0.69	0.66	0.49	0.64	0.59	0.41
Moire/Mocha ²	17	23	60	15	0.64	0.61	0.46	0.60	0.55	0.38

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

¹**Fire Classification:** California Technical Bulletin 117 Sect. E. Part 1, NFPA 101 (Class A Rating), and UBC (Class 1)

²**Fire Classification:** California Technical Bulletin 117 Sect. E. Part 1, NFPA 101 (Class A Rating), NFPA 701-2004 TM#1 (Small Scale) and UBC (Class 1)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22, ASTM G21; includes Microban antimicrobial additives





White
B0165



Black
B0167



Gray
B0166



Black
BM204



Pewter (silver)
BM203



Metallized Fabric Back

*Gray, Pewter and Black-BM204 are also available with metallic backing.
Actual color may vary*

SPECIFICATION DATA:

Openness Factor: 7%
Composition: 100% Polyester
Standard Widths: 98"
Standard Roll Length: 33 LY

SWFcontract™
SHADING SYSTEMS

Color Name	Shading Coefficient w/						
	Solar Optical Properties						
	Ts	Rs	Sa	Lt	Lr	La	UV T
White	43	52	5	44	54	2	36
Gray	34	52	14	30	48	22	20
Pewter	10	44	46	9	43	48	8
Black - B0167	23	32	45	7	5	88	8
Black - BM204	9	43	48	6	40	54	7

Ts = Solar Transmittance
Rs = Solar Reflectance
Sa = Solar Absorptance
Lt = Light Transmittance

Lr = Light Reflectance
La = Light Absorption
UV T = UV Transmission

Fire Classification: DIN 4102 B1

SWFcontract™
SHADING SYSTEMS



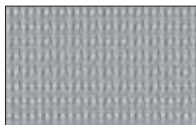
White
S0270



Gray
S0271



Alabaster
S0272



Pewter
SM275



Black
S0273



Black (metallic)
SM276



Metallized Fabric Back

Gray, Pewter and Black-SM276 are also available with metallic backing.

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 10%

Composition: 100% Polyester

Standard Widths: 78"

Standard Roll Length: 33 LY

Color Name	Shading Coefficient w/						
	Solar Optical Properties						
	Ts	Rs	Sa	Lt	Lr	La	UV T
White	51	44	5	49	46	5	41
Gray	40	45	15	32	41	27	19
Alabaster	40	47	13	35	47	17	18
Pewter	15	48	37	14	46	40	12
Black	30	26	44	11	5	84	12
Black (metallic)	14	49	37	11	46	43	12

Ts = Solar Transmittance

Rs = Solar Reflectance

Sa = Solar Absorptance

Lt = Light Transmittance

Lr = Light Reflectance

La = Light Absorption

UV T = UV Transmission

Fire Classification: DIN 4102 B1, British Standard BS 5867 Part 2



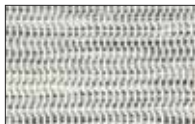
Porcelain
02D1



Cork
10C2



Patina
61N3



Marble
02D2



Granite
07C1



Sepia
61N2



Jute
20C1



Papyrus
10N5



Carbon
30W2

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 4%

Composition: 25% Polyester, 75% Vinyl on Polyester

Standard Widths: 122"

Standard Roll Length: 30 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Shading Coefficient w/									
	Solar Optical Properties				Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
Porcelain	10	53	37	11	*	0.40	0.35	*	*	*
Marble	9	45	46	11	*	0.45	0.38	*	*	*
Jute	10	44	46	11	*	0.46	0.39	*	*	*
Cork	8	34	58	8	*	0.52	0.42	*	*	*
Granite	6	32	62	8	*	0.53	0.42	*	*	*
Papyrus	8	35	57	9	*	0.51	0.41	*	*	*
Patina	5	19	76	6	*	0.61	0.46	*	*	*
Sepia	4	14	82	6	*	0.63	0.48	*	*	*
Carbon	5	13	82	7	*	0.64	0.48	*	*	*

* Not tested

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: NFPA 701-99 TM #1, California U.S. Title 19

Bacteria and Fungal Resistance: ASTM E2180, ASTM G21



**White/White
90202**



**White/Pearl
90207**



**White/Charcoal/Grey
9M116**



**Charcoal/Grey
93001**



**White/Linen
90220**



**White/Sable/Cocoa
9M164**



**Charcoal/Linen/Pearl
9M85**



**Cocoa/Cocoa
96161**



**White/Sable/Mustard
9M163**



**Sable/Linen
91020**



**Sable/Charcoal
91030**



**Charcoal/Charcoal
93030**

Actual color may vary

SPECIFICATION DATA:

Openness Factor: 3%

Composition: 100% Polyester

Standard Widths: 98"

Standard Roll Length: 55 LY



SWFcontract™
SHADING SYSTEMS

Color Name	Solar Optical Properties				Shading Coefficient w/					
					Single			Insulating		
	Ts	Rs	As	Tv	1/8CL	1/4 CL	1/4HA	1/2CL	1CL	1HA
White/White	20	63	17	20	*	0.36	0.33	*	*	*
White/White (back)	20	64	16	20	*	0.36	0.33	*	*	*
White/Linen	19	56	25	19	*	0.41	0.36	*	*	*
White/Linen (back)	19	59	22	19	*	0.39	0.35	*	*	*
White/Sable/Mustard	16	52	32	15	*	0.43	0.37	*	*	*
White/Sable/Mustard (back)	16	58	26	15	*	0.39	0.35	*	*	*
White/Pearl	14	45	41	14	*	0.46	0.39	*	*	*
White/Pearl (back)	14	55	31	14	*	0.40	0.35	*	*	*
White/Sable/Cocoa	12	38	50	13	*	0.50	0.41	*	*	*
White/Sable/Cocoa (back)	12	52	36	13	*	0.42	0.36	*	*	*
Sable/Linen	13	41	46	19	*	0.49	0.40	*	*	*
Sable/Linen (back)	13	38	49	10	*	0.51	0.41	*	*	*
White/Charcoal/Grey	11	32	57	12	*	0.54	0.43	*	*	*
White/Charcoal/Grey (back)	11	49	40	12	*	0.43	0.37	*	*	*
Charcoal/Linen/Pearl	5	18	77	6	*	0.61	0.46	*	*	*
Charcoal/Linen/Pearl (back)	5	9	86	6	*	0.67	0.49	*	*	*
Sable/Charcoal	7	18	75	7	*	0.62	0.47	*	*	*
Sable/Charcoal (back)	7	27	66	7	*	0.56	0.44	*	*	*
Charcoal/Grey	5	10	85	7	*	0.66	0.49	*	*	*
Charcoal/Grey (back)	5	7	88	7	*	0.68	0.50	*	*	*
Cocoa/Cocoa	3	8	89	4	*	0.67	0.49	*	*	*
Cocoa/Cocoa (back)	3	8	89	4	*	0.67	0.49	*	*	*
Charcoal/Charcoal	4	5	91	5	*	0.69	0.50	*	*	*
Charcoal/Charcoal (back)	4	5	91	5	*	0.69	0.50	*	*	*

Ts = Solar Transmittance

Rs = Solar Reflectance

As = Solar Absorptance

Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass

1/4CL = 1/4" Clear Glass

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

1/2CL = 1/2" Insulating Clear Glass

1CL = 1" Insulating Clear Glass

1HA = 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.

Fire Classification: NFPA 701-99 TM #1, California U.S. Title 19

Bacteria and Fungal Resistance: ASTM G21