### Sheerweave® Style 2000/2100

### **Specifications**

Styles 2000 and 2100 are basketweaves designed expressly for those applications which require a more opaque and nondirectional fabric.

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), CAN/ULC-S109 (large and small 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
Environmental Certification:	GREENGUARD® Certified, GREENGUARD for Children and Schools Certified, and GREENGUARD Select Certified for Commercial, Healthcare and Education
Lead Free:	RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101, ANSI/WCMA A100.1-2007 for lead content, and REACH (EC 1907/2006) compliant



PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG





### Style 2000

#### Standard Widths: 96"

Composition: 37% Fiberglass, 63% Vinyl on Fiberglass Mesh Weight: 14.26 oz/yd2 (484 g/m2) Fabric Thickness: .019 in (0.48mm) Openness Factor: Approximately 5% UV Blockage: Approximately 95%

#### Solar Heat Control Properties of Phifer SheerWeave Style 2000 Fabrics Installed Internally, Zero-Degree Profile Angle

			,					
Phifer	SWF					Shadin	g Coeffic	ient w/
Color		Solar	Optica	I Prop	erties		Single	
Number	ber	Ts	Rs	As	Τv	1/8CL	1/4CL	1/4HA
P02	P0220	20	67	13	16	0.33	0.34	0.32
P04	P0420	18	61	21	13	0.37	0.37	0.34
P05	P0520	13	49	38	11	0.45	0.44	0.37
Q05	Q0520	18	55	27	12	0.42	0.41	0.36
Q06	Q0620	12	43	45	10	0.49	0.47	0.39
Q10	Q1020	5	7	88	6	0.72	0.68	0.5
V04	V0420	10	35	55	9	0.54	0.52	0.42
V21	V2120	6	4	90	6	0.74	0.7	0.51
V22	V2220	7	9	84	7	0.71	0.67	0.50
V24	V2420	6	7	87	6	0.72	0.68	0.50
	Phifer Color           Vumber           P02           P04           Q05           Q06           Q10           V04           V21           V22	Phifer Color Number         SWF Color Num- ber           P02         P0220           P04         P0420           P05         P0520           Q05         Q0520           Q06         Q0620           Q10         Q1020           V04         V0420           V21         V2120           V22         V2220	Phifer Color Number         SWF Color Num- ber         Solar Solar           P02         P0220         20           P04         P0420         18           P05         P0520         13           Q05         Q0520         18           Q06         Q0620         12           Q10         Q1020         5           V04         V0420         10           V21         V2120         6           V22         V2220         7	Wife Color Number         SWF Color Num- ber         Solar Solar         Uptical Discrete Rs           P02         P0220         20         67           P04         P0420         18         61           P05         P0520         13         49           Q05         Q0520         18         55           Q06         Q0620         12         43           Q10         Q1020         5         7           V04         V0420         10         35           V21         V2120         6         4	Bilifer Color Number         SWF Color Num- ber         Solar         Utical         Prop           P02         P0220         20         67         13           P04         P0420         18         61         21           P05         P0520         13         49         38           Q05         Q0520         18         55         27           Q06         Q0620         12         43         45           Q10         Q1020         5         7         88           V04         V0420         10         35         55           V21         V2120         6         4         90           V22         V2200         7         9         84	Brifer Color Number         SWF Color Number         Solar         Pptical         Prosent Properties           P02         P0220         20         67         13         16           P04         P0420         18         61         21         13           P05         P0520         13         49         38         11           Q05         Q0520         18         55         27         12           Q06         Q0620         12         43         45         10           Q10         Q1020         5         7         88         6           V04         V0420         10         35         55         9           V21         V2120         6         4         90         6           V22         V2220         7         9         84         7	Philter Color Number         Color Num- ber         Solar Optical Properties         Instant           P02         P0220         20         67         13         16         0.33           P04         P0420         18         61         21         13         0.37           P05         P0520         13         49         38         11         0.45           Q05         Q0520         18         55         27         12         0.42           Q06         Q0620         12         43         45         10         0.49           Q10         Q1020         5         7         88         6         0.72           V04         V0420         10         35         55         9         0.54           V21         V2120         6         4         90         6         0.71	SWF Color Number         Solar         Optical         Properties         Shading Coefficit           P02         P0220         20         67         13         16         0.33         0.34           P04         P0420         18         61         21         13         0.37         0.37           P05         P0520         13         49         38         11         0.45         0.44           Q05         Q0520         18         55         27         12         0.42         0.41           Q06         Q0620         12         43         45         10         0.49         0.47           Q10         Q1020         5         7         88         6         0.72         0.68           V04         V0420         10         35         55         9         0.54         0.52           V21         V2120         6         4         90         6         0.74         0.7           V22         V2200         7         9         84         7         0.71         0.67

### Style 2100

Standard Widths: 96" Composition: 37% Fiberglass, 63% Vinyl on Fiberglass Mesh Weight: 12.4 oz/yd2 (420 g/m2) Fabric Thickness: .020 in (0.51mm) Openness Factor: Approximately 10% UV Blockage: Approximately 90%

* Performance evaluations conducted	l by Matrix, Inc., Mesa, Arizona.
TS = Solar Transmittance	1/8 CL = 1/8" Clear Glass
RS = Solar Reflectance	1/4 CL = 1/4" Clear Glass
AS = Solar Absorption	1/4HA = 1/4" Heat
TV = Visual Transmittance	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.

SheerWeave<sup>®</sup> is a registered trademark of PHIFER INCORPORATED. GREENGUARD<sup>®</sup> is a registered trademark of GREENGUARD Environmental Institute. UL<sup>™</sup>, the UL logs and the UL mark are trademarks of UL LLC. MICROBAN<sup>®</sup> is a registered trademark of Microban Products Company. PHIFER<sup>®</sup> INCORPORATED V12B 3009035

#### Solar Heat Control Properties of Phifer SheerWeave Style 2100 Fabrics Installed Internally, Zero-Degree Profile Angle

		-		-		-				
Phifer						Shadin	g Coeffic	ient w/		
Color		Solar	Optica	al Prop	erties	Single				
Number	ber	Ts	Rs	As	Τv	1/8CL	1/4CL	1/4HA		
P02	P0221	22	60	18	16	0.39	0.39	0.35		
P04	P0421	19	54	27	14	0.43	0.42	0.36		
P05	P0521	16	47	37	12	0.47	0.46	0.38		
Q05	Q0521	19	44	37	15	0.5	0.48	0.4		
Q06	Q0621	16	38	46	14	0.53	0.51	0.41		
Q10	Q1021	8	5	87	9	0.74	0.7	0.51		
V04	V0421	10	31	59	9	0.59	0.54	0.43		
V21	V2121	9	4	87	10	0.75	0.71	0.51		
V22	V2221	11	8	81	12	0.72	0.69	0.5		
V24	V2421	11	6	83	12	0.74	0.7	0.51		
	Color           Number           P02           P04           P05           Q05           Q06           Q10           V04           V21           V22	Color Number         Color ber           P02         P0221           P04         P0421           P05         P0521           Q05         Q0521           Q06         Q0621           Q10         Q1021           V04         V0421           V21         V2121           V22         V2221	Phifer Color Number         Color Num- ber         Solar           P02         P0221         22           P04         P0421         19           P05         P0521         16           Q05         Q0521         19           Q06         Q0621         16           Q10         Q1021         8           V04         V0421         10           V21         V2121         9           V22         V2221         11	Phifer Color Number         Color Num- ber         Solar Uptica Ts           P02         P0221         22         60           P04         P0421         19         54           P05         P0521         16         47           Q05         Q0521         19         44           Q06         Q0621         16         38           Q10         Q1021         8         5           V04         V0421         10         31           V21         V2121         9         4	Phifer Color Number         Color Num- ber         Solar Uptical Prop Ts         Prop Rs         As           P02         P0221         22         60         18           P04         P0421         19         54         27           P05         P0521         16         47         37           Q05         Q0521         19         44         37           Q06         Q0621         16         38         46           Q10         Q1021         8         5         87           V04         V0421         10         31         59           V21         V2121         9         4         81	Phifer Color Number         Color Num- ber         Solar Optical Properties           P02         Formal Solar         Rs         As         Tv           P02         P0221         22         60         18         16           P04         P0421         19         54         27         14           P05         P0521         16         47         37         12           Q05         Q0521         19         44         37         15           Q06         Q0621         16         38         46         14           Q10         Q1021         8         5         87         9           V04         V0421         10         31         59         9           V21         V2121         9         4         87         10           V22         V2221         11         8         81         12	Phifer Color Number         Color Num- ber         Solar Optical Properties Rs         No.         No.           P02         P0211         22         60         18         16         0.39           P04         P0421         19         54         27         14         0.43           P05         P0521         16         47         37         12         0.47           Q05         Q0521         19         44         37         15         0.5           Q06         Q0621         16         38         46         14         0.53           Q10         Q1021         8         5         87         9         0.74           V04         V0421         10         31         59         9         0.59           V21         V2121         9         4         87         10         0.75           V22         V2221         11         8         81         12         0.72	Phifer Color Number         Color Num- ber         Solar Optical Properties         Sinality Coeffic Solar Optical Properties           P02         P0221         22         60         18         16         0.39         0.39           P04         P0421         19         54         27         14         0.43         0.42           P05         P0521         16         47         37         12         0.47         0.46           Q05         Q0521         19         44         37         15         0.5         0.48           Q06         Q0621         16         38         46         14         0.53         0.51           Q10         Q1021         8         5         87         9         0.74         0.7           V04         V0421         10         31         59         9         0.59         0.51           V21         V2121         9         4         87         10         0.75         0.71           V22         V2221         11         8         81         12         0.72         0.69		

### Sheerweave® Style 2390/2410

## **SWF**contract<sup>®</sup>

### **Specifications**

SheerWeave Performance + takes the performance of a traditional SheerWeave fabric plus the highly reflective properties of metallization and combines them to achieve the ultimate in sun control protection.

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-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
Environmental Certification:	Certified to GREENGUARD and GREENGUARD Gold standards for low chemical emissions into indoor air during product usage
Lead Free:	RoHS/Directive 2002/95/EC, US Consumer Product Safety Commission Section 101, ANSI/WCMA A100.1-2007 for lead content and REACH (EC 1907/2006) compliant
Handling and Cleaning Instructions:	The metallized coating is fragile and must be handled with care to avoid damage. Do not scrub. Do not use tape, solvents or abrasive cleaners which could damage the fabric coating. Clean with a damp soft cloth using a mild detergent. Rinse with clean water and allow blind to dry in the down position.

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818



Microban® antimicrobial protection inhibits the growth of stain-causing bacteria, mold and mildew on the shade.

### Style 2390 +

Standard Width: 96" (243.8 cm) Composition: 34% Fiberglass, 64% Vinyl on Fiberglass and 2% Aluminum Coating Mesh Weight: 11.8 oz/yd<sup>2</sup> (379 g/m<sup>2</sup>) Fabric Thickness: .018 in (0.46mm) Openness Factor: Approximately 5%

	Solar Heat Control Properties SheerWeave Style 2390 Performance + High Performance Glass																
Sileei	weave	: Style 2390 F	enor	man	Le +					High	Perforr	nance	Glass	Bronze Glass			
			Solar Trans	Solar Ref Out	Light Trans	Light Ref	% Open	UV Trans	Color Rend Index		g-Value/ SHGC	SC	U-value in W/ m2K	Light Trans	g-Value/ SHGC	sc	U-value in W/ m2K
Glazin	g Perform	ance	n/a	n/a	n/a	n/a	n/a	n/a	n/a	69	39	45	1.1	49	58	67	5.7
Phifer Color No.	SWF Color No.	Color															
P12	1229P	Oyster	8	71	8	70	5	7	99	6	15	18	0.8	4	20	23	2.5
P13	1329P	Oyster/Beige	8	72	8	71	5	6	99	6	15	17	0.8	4	19	22	2.4
P14	1429P	Oyster/Pearl Gray	7	71	7	70	5	6	100	5	15	18	0.8	3	20	23	2.5
Q20	2029P	Beige	8	72	8	71	5	7	98	6	15	18	0.8	4	20	23	2.5
Q21	2129P	Beige/Pearl Gray	7	71	7	70	5	6	99	5	15	18	0.8	4	20	23	2.6
V20	P2029	Pearl Gray	7	74	7	73	5	6	99	5	15	17	0.8	3	19	22	2.4
V21	3229P	Charcoal	8	71	8	70	5	7	100	6	16	18	0.8	4	20	23	2.5
V22	P2129	Charcoal/Gray	8	71	8	70	5	7	100	6	16	18	0.8	4	20	23	2.4
V24	2229P	Charcoal/Chestnut	8	71	8	70	5	7	100	6	16	18	0.8	4	20	23	2.5
V32	2429P	Charcoal/Alpaca	8	74	8	73	5	7	100	6	15	17	0.8	4	20	23	2.5

### Style 2410 +

Standard Width: 96" (243.8 cm) Composition: 34% Fiberglass, 64% Vinyl on Fiberglass and 2% Aluminum Coating Mesh Weight: 14.1 oz/yd<sup>2</sup> (478 g/m<sup>2</sup>) Fabric Thickness: .019 in (0.48mm) Openness Factor: Approximately 3%

Solar Trans = Solar Transmittance Solar Ref Out = Solar Reflection Out Light Trans = Light Transmittance Light Ref = Light Reflection UV Trans = Ultra Violet Light Transmittance Color Rend Index = Color Rendering Index g-Value/SHGC = Solar Heat Gain Coefficient SC = Shading Coefficient UV-Jaue in W/m2K = Watts per Meter Squared

SheerWeave is a registered trademark of PHIFER INCORPORATED. PHIFER INCORPORATED V12B 3009036 GREENGUARD is a registered trademark of GREENGUARD Environmental Institute. MICROBAN is a registered trademark of Microban Products Company.

#### Solar Heat Control Properties SheerWeave Style 2410 Performance +

oncei	wcave										Glass	Bronze Glass					
			Solar Trans	Solar Ref Out	Light Trans	Light Ref	% Open	UV Trans	Color Rend Index		g-Value/ SHGC	SC	U-value in W/ m2K	Light	g-Value/ SHGC	SC	U-value in W/ m2K
Glazin	g Performa	ance	n/a	n/a	n/a	n/a	n/a	n/a	n/a	69	39	45	1.1	49	58	67	5.7
Phifer Color No.	SWF Color No.	Color															
P12	1224P	Oyster	5	73	5	72	3	3	99	3	15	17	0.8	2	19	22	2.4
P13	1324P	Oyster/Beige	5	73	5	72	3	4	99	4	15	17	0.8	2	19	22	2.4
P14	1424P	Oyster/Pearl Gray	4	73	4	72	3	4	99	3	15	17	0.8	2	19	22	2.4
Q20	2024P	Beige	5	73	5	72	3	4	98	4	15	17	0.8	2	19	22	2.5
Q21	2124P	Beige/Pearl Gray	5	72	5	71	3	4	99	4	14	17	0.8	3	20	23	2.5
V20	P2024	Pearl Gray	4	75	4	74	3	4	99	3	14	16	0.8	2	18	21	2.4
V21	3224P	Charcoal	4	71	4	70	3	4	100	3	15	18	0.8	2	19	22	2.4
V22	P2124	Charcoal/Gray	4	72	4	71	3	4	100	3	15	17	0.8	2	19	22	2.4
V24	2224P	Charcoal/Chestnut	4	72	4	71	3	4	100	3	15	17	0.8	2	19	22	2.4
V32	2424P	Charcoal/Alpaca	4	75	4	74	3	4	99	3	15	17	0.8	2	19	22	2.5

Measurements of Performance + properties by TNO The Netherlands in compliance with EN 410. Performance values are determined by specific glass type chosen for testing.

For additional performance values, test references, technical definitions and handling instructions please contact the Sun Control Department at 800-221-5497 or request online at www.phifer.com.

SPRINGS WINDOW FASHIONS

6mm Single

# Sheerweave® Style 2390/2360/2410/2500

### **Specifications**

Manufactured with ease of fabrication in mind, Styles 2390, 2360, 2410 and 2500 are full basketweaves designed expressly for those applications which require a more opaque and nondirectional fabric.

Fire Classification:

**Bacteria and Fungal Resistance:** 

**Environmental Certification:** 

Lead Free:

RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101, ANSI/WCMA A100.1-2007 for lead content, and REACH (EC 1907/2006) compliant

NRC (Noise Reduction Coefficient) and SAA (Sound Absorption Average) tested in accordance with ASTM C423-09a.

GREENGUARD Certified. GREENGUARD for Children and Schools Certified, and GREENGUARD Select Certified for Commercial.

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) ASTM E 2180, ASTM G22, AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM

Acoustical Performance:

GREENGUARD

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818



6329: includes Microban antimicrobial additives

Healthcare and Education

See performance values below.

m<sup>e</sup>antimicrobial protection inhibits the growth ausing bacteria, mold and mildew on the shade.





### Style 2390

Standard Widths: 98" and 126" (248.9cm and 320cm) Composition: 35% Fiberglass, 65% Vinyl on Fiberglass Mesh Weight: 11.8 oz/yd² (403 g/m²) Fabric Thickness: .017 in (0.43mm) Openness Factor: Approximately 5% UV Blockage: Approximately 95% Accoustical Value: NRC .10 / SAA .12

#### Style 2360

Standard Widths: 63" and 98" (160.0cm and 248.9cm) Composition: 35% Fiberglass, 65% Vinyl on Fiberglass Mesh Weight: 10.5 oz/yd² (356 g/m²) Fabric Thickness: .017 in (0.43mm) Openness Factor: Approximately 10% UV Blockage: Approximately 90%

#### Style 2410

Standard Widths: 98" and 126" (248.9cm and 320cm) Composition: 35% Fiberglass, 65% Vinyl on Fiberglass Mesh Weight: 14.1 oz/yd² (471 g/m²) Fabric Thickness: .019 in (0.48mm) Openness Factor: Approximately 3% UV Blockage: Approximately 97% Acoustical Value: NRC .20 / SAA .21

#### Style 2500

Standard Widths: 98" and 126" (248.9cm and 320cm) Composition: 37% Fiberglass, 63% Vinyl on Fiberglass Mesh Weight: 16.25 oz/yd² (551 g/m²) Fabric Thickness: .024 in (0.61mm) Openness Factor: Approximately 1% UV Blockage: Approximately 99% Acoustical Value: NRC .55 / SAA .54

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

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TS = Solar Transmittance	1/4  CL = 1/4" Clear Glass
RS = Solar Reflectance	1/4HA = 1/4" Heat Absorbing Glass
AS = Solar Absorptance	1/2  CL = 1/2" Clear Glass
TV = Visual Transmittance	1  CL = 1" Clear Glass
1/8 Cl = $1/8$ " Close Class	$I \cup L = I^{\circ} \cup IedI \cup IdSS$

1/8 CL = 1/8" Clear Glass 1 HA = 1" 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.

### SPRINGS WINDOW FASHIONS

www.swfcontract.com

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#### Solar Heat Control Properties of Phifer SheerWeave Style 2390 Fabrics Installed Internally, Zero-Degree Profile Angle

Phifer	SWF			Solar Prope				Shading Coefficient w/ SingleInsulating						
Color No.	Color No.	Color	ΤS	RS	AS	ΤV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA		
P12	P1229	Oyster	21	61	18	14	0.38	0.38	0.34	0.36	0.35	0.27		
P13	P1329	Oyster/Beige	17	54	29	12	0.42	0.41	0.36	0.39	0.38	0.29		
P14	P1429	Oyster/Pearl Gray	14	45	41	10	0.48	0.46	0.39	0.45	0.43	0.32		
Q20	Q2029	Beige	14	47	39	10	0.46	0.45	0.38	0.43	0.42	0.31		
Q21	Q2129	Beige/Pearl Gray	11	38	51	9	0.52	0.50	0.41	0.49	0.46	0.33		
V20	V2029	Pearl Gray	10	31	59	9	0.57	0.54	0.43	0.53	0.50	0.35		
V21	V2129	Charcoal	4	4	92	5	0.73	0.69	0.51	0.69	0.63	0.43		
V22	V2229	Charcoal/Gray	5	9	86	6	0.70	0.67	0.49	0.66	0.60	0.41		
V24	V2429	Charcoal/Chestnut	6	6	88	6	0.73	0.69	0.50	0.68	0.62	0.42		
V32	V3229	Charcoal/Alpaca	7	18	75	9	0.65	0.62	0.47	0.61	0.56	0.39		

#### Solar Heat Control Properties of Phifer SheerWeave Style 2360 Fabrics Installed Internally, Zero-Degree Profile Angle

Phifer	SWF		*Solar Optical Properties				Shading Coefficient w/ SingleInsulating						
Color No.	Color No.	Color	TS	RS	AS	ΤV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA	
P12	P1226	Oyster	27	57	16	21	0.43	0.42	0.36	0.39	0.38	0.29	
P13	P1326	Oyster/Beige	24	51	25	19	0.46	0.45	0.38	0.43	0.41	0.31	
P14	P1426	Oyster/Pearl Gray	20	45	35	16	0.49	0.48	0.40	0.46	0.44	0.32	
Q20	Q2026	Beige	19	44	37	16	0.50	0.48	0.40	0.46	0.44	0.32	
Q21	Q2126	Beige/Pearl Gray	17	39	44	15	0.53	0.51	0.41	0.49	0.46	0.34	
V20	V2026	Pearl Gray	16	30	54	14	0.59	0.56	0.44	0.55	0.51	0.36	
V21	V2126	Charcoal	10	4	86	11	0.75	0.71	0.52	0.70	0.64	0.43	
V22	V2226	Charcoal/Gray	12	8	80	14	0.73	0.69	0.51	0.68	0.62	0.42	
V24	V2426	Charcoal/Chestnut	11	5	84	12	0.74	0.70	0.51	0.69	0.63	0.43	
V32	V3226	Charcoal/Alpaca	12	15	73	16	0.68	0.65	0.48	0.64	0.58	0.40	

#### Solar Heat Control Properties of Phifer SheerWeave Style 2410 Fabrics Installed Internally, Zero-Degree Profile Angle

Phifer	SWF		*Solar Optical Properties				Shading Coefficient w/ SingleInsulating						
Color No.	Color No.	Color	TS	RS	AS	ΤV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA	
P12	P1224	Oyster	17	64	19	12	0.35	0.35	0.33	0.33	0.33	0.26	
P13	P1324	Oyster/Beige	11	55	34	8	0.40	0.39	0.35	0.38	0.37	0.28	
P14	P1424	Oyster/Pearl Gray	9	44	47	7	0.47	0.46	0.38	0.44	0.43	0.31	
Q20	Q2024	Beige	10	48	42	7	0.45	0.44	0.37	0.42	0.41	0.30	
Q21	Q2124	Beige/Pearl Gray	7	39	54	5	0.50	0.49	0.40	0.47	0.45	0.33	
V20	V2024	Pearl Gray	6	31	63	5	0.56	0.53	0.42	0.52	0.49	0.35	
V21	V2124	Charcoal	3	3	94	3	0.74	0.70	0.51	0.69	0.63	0.43	
V22	V2224	Charcoal/Gray	3	9	88	3	0.70	0.66	0.49	0.65	0.60	0.41	
V24	V2424	Charcoal/Chestnut	3	6	91	3	0.72	0.68	0.50	0.67	0.62	0.42	
V32	V3224	Charcoal/Alpaca	4	20	76	5	0.63	0.60	0.46	0.59	0.55	0.38	

#### Solar Heat Control Properties of Phifer SheerWeave Style 2500 Fabrics Installed Internally, Zero-Degree Profile Angle

Phifer	SWF	*Solar Prop	Opt ertie				Shading Coefficient w/ SingleInsulating							
Color No.	Color No.	Color	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA		
P12	P1225	Oyster	15	68	17	13	0.31	0.32	0.31	0.30	0.30	0.25		
P13	P1325	Oyster/Beige	10	60	30	9	0.36	0.36	0.33	0.34	0.34	0.27		
P14	P1425	Oyster/Pearl Gray	7	50	43	6	0.43	0.42	0.36	0.40	0.39	0.29		
Q20	Q2025	Beige	7	50	43	6	0.43	0.42	0.36	0.40	0.39	0.29		
Q21	Q2125	Beige/Pearl Gray	5	42	53	5	0.48	0.46	0.39	0.45	0.43	0.32		
V20	V2025	Pearl Gray	3	32	65	3	0.54	0.52	0.42	0.52	0.48	0.34		
V21	V2125	Charcoal	1	4	95	1	0.73	0.69	0.50	0.69	0.62	0.42		
V22	V2225	Charcoal/Gray	2	8	90	3	0.70	0.67	0.49	0.67	0.60	0.41		
V24	V2425	Charcoal/Chestnut	1	6	93	1	0.71	0.68	0.50	0.68	0.61	0.42		
V32	V3225	Charcoal/Alpaca	1	16	83	2	0.65	0.62	0.47	0.61	0.56	0.39		

### Sheerweave® Style 2701/2703/2705/2710

### **Specifications**

Styles 2701, 2703, 2705, and 2710 are woven from a unique twill pattern that displaces the individual yarns to create a two-sided fabric for maximum performance in heat reduction, glare reduction, and improved visibility.

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), CAN/ULC-S109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
ASTM E 2180, ASTM G22, AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives
Certified to GREENGUARD and GREENGUARD Gold standards for low chemical emissions into indoor air during product usage
RoHS/Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content, REACH (EC 1907/2006) compliant
NRC (Noise Reduction Coefficient) and SAA (Sound Absorption Average) tested in accordance with ASTM C423-09a. See performance values below.



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Standard Widths: 63" and 98" (160cm and 248.9cm) Composition: 36% Fiberglass, 64% Vinyl on Fiberglass Mesh Weight: 14.6 oz/yd<sup>2</sup> (495 g/m<sup>2</sup>) Fabric Thickness: .027 in (0.66mm) Openness Factor: Approximately 1% UV Blockage: Approximately 99% Acoustical Value: NRC .15 / SAA .15

#### Style 2703

Standard Widths: 63" and 98" (160cm and 248.9cm) Composition: 36% Fiberglass, 64% Vinyl on Fiberglass Mesh Weight: 14.0 oz/yd<sup>2</sup> (475 g/m<sup>2</sup>) Fabric Thickness: .028 in. (0.71mm) Openness Factor: Approximately 3% UV Blockage: Approximately 97% Acoustical Value: NRC .10 / SAA .09

### Style 2705

Standard Widths: 63" and 98" (160cm and 248.9cm) Composition: 34% Fiberglass, 66% Vinyl on Fiberglass Mesh Weight: 11.8 oz/yd<sup>2</sup> (379 g/m<sup>2</sup>) Fabric Thickness: .025 in (0.64mm) Openness Factor: Approximately 5% UV Blockage: Approximately 95% Acoustical Value: NRC .05/SAA .06

### Style 2710

Standard Widths: 63" and 98" (160cm and 248.9cm) Composition: 34% Fiberglass, 66% Vinyl on Fiberglass Mesh Weight: 10.4 oz/yd<sup>2</sup> (353 g/m<sup>2</sup>) Fabric Thickness: .025 in (0.64mm) Openness Factor: Approximately 10% UV Blockage: Approximately 90%

#### \*Performance evaluations conducted by Matrix, Inc., Mesa, Arizona

TS = Solar Transmittance	1/8CL = 1/8" Clear Glass	1/2CL = 1/2" Clear Glass
RS = Solar Reflectance	1/4CL = 1/4" Clear Glass	1CL = 1" Clear Glass
AS = Solar Absorptance	1/4HA = 1/4" Heat	1HA = 1" Heat Absorbing
TV = Visual Transmittance	Absorbing Glass	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 Phifer Incorporated.

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Fabrics Installed Internally, Zero-Degree Profile Angle													
Phifer Color	SWF Color		*	Solar Prop	Optic erties			Shading Coefficient w/ Single Insulating					
No.	No.	Color	TS	RS	AS	ΤV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA	
P12	P1227	Oyster	21	64	15	17	0.36	0.36	0.33	0.34	0.34	0.26	
P13	P1327	Oyster/Beige	15	57	28	12	0.38	0.38	0.34	0.36	0.35	0.27	
P14	P1427	Oyster/Pearl Gray	8	54	38	4	0.40	0.39	0.34	0.38	0.37	0.28	
P28	P2827	Oyster/Charcoal	5	39	56	6	0.49	0.47	0.39	0.46	0.44	0.32	
P91	P9127	Oyster/Pewter	6	43	51	6	0.46	0.45	0.37	0.45	0.42	0.30	
P92	P9227	Oyster/Chestnut	6	41	53	6	0.47	0.46	0.38	0.46	0.44	0.32	

Salar Haat Control Properties of Phifer Sheer/Mague Style 2701

#### Solar Heat Control Properties of Phifer SheerWeave Style 2703 Fabrics Installed Internally, Zero-Degree Profile Angle

		Tublics III	Juin	cu m	ternu	y, <i>2</i>	CIO-DCGI	CC I IOII	ic Angle				
Phifer	SWF		*Solar Optical				Shading Coefficient w/						
Color	Color			Prop	erties			Single			Insulating		
No.	No.	Color	TS	RS	AS	τv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA	
P12	P1273	Oyster	22	62	16	19	0.38	0.37	0.34	0.35	0.35	0.27	
P13	P2273	Oyster/Beige	15	58	27	13	0.39	0.38	0.34	0.37	0.36	0.28	
P14	P1473	Oyster/Pearl Gray	9	53	38	9	0.41	0.40	0.35	0.39	0.38	0.29	
P28	P3273	Oyster/Charcoal	7	40	53	8	0.50	0.48	0.39	0.47	0.44	0.32	
P91	P4273	Oyster/Pewter	8	44	48	9	0.47	0.46	0.38	0.45	0.42	0.31	
P92	P5273	Oyster/Chestnut	7	42	51	8	0.48	0.47	0.39	0.46	0.43	0.32	

#### Solar Heat Control Properties of Phifer SheerWeave Style 2705 Fabrics Installed Internally, Zero-Degree Profile Angle

						,, _						
Phifer Color	SWF Color		*	*Solar Optical Properties			Shading Coefficient w/ Single					·
No.	No.	Color	ΤS	RS	AS	τv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	, 1HA
P12	P1275	Oyster	22	62	16	20	0.38	0.37	0.34	0.35	0.35	0.27
P13	P2275	Oyster/Beige	23	54	23	21	0.44	0.43	0.37	0.41	0.39	0.30
P14	P1475	Oyster/Pearl Gray	19	51	30	21	0.45	0.44	0.37	0.42	0.40	0.30
P28	P3275	Oyster/Charcoal	12	40	48	14	0.51	0.49	0.40	0.48	0.45	0.33
P91	P4275	Oyster/Pewter	11	46	43	12	0.46	0.45	0.38	0.44	0.42	0.31
P92	P5275	Oyster/Chestnut	12	43	45	13	0.49	0.47	0.39	0.46	0.44	0.32

#### Solar Heat Control Properties of Phifer SheerWeave Style 2710 Fabrics Installed Internally, Zero-Degree Profile Angle

Phifer Color	SWF Color		*Solar Optical Properties				Shading Coefficient w/ SingleInsulat				·	
No.	No.	Color	TS	RS	AS	τv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
P12	P1710	Oyster	34	54	12	32	0.46	0.45	0.38	0.43	0.41	0.31
P13	P2710	Oyster/Beige	29	51	20	28	0.47	0.46	0.39	0.44	0.42	0.31
P28	P3710	Oyster/Charcoal	21	37	42	24	0.55	0.53	0.42	0.52	0.48	0.35
P91	P4710	Oyster/Pewter	24	43	33	25	0.52	0.50	0.41	0.48	0.45	0.33
P92	P5710	Oyster/Chestnut	25	41	34	26	0.53	0.52	0.42	0.50	0.47	0.34

## SPRINGS WINDOW FASHIONS

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### Sheerweave® Style 4000/4100/4400

## **SWF**contract<sup>®</sup>

Shading Coefficient w/

#### **Specifications**

**DOW ECOLIBRIUM**<sup>™</sup> **Bio-Based Plasticizers** offer a renewable alternative that is phthalate-free, offering a more sustainable option while having the same great performance and feel of current materials.

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

Environmental Certification: GREENGUARD Gold Certified

Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content



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of stain-causing bacteria, mold and mildew on the shad



#### Style 4000

Made from vinyl-coated polyester yarns, Style 4000 is designed with today's demanding commercial market in mind. **Standard Width:** 126" (320cm)

Composition: 25% Polyester, 75% Vinyl on Polyester (Over 50% of compound components are derived from crop-based feed stocks and minerals. Over 2/3 of total compound is derived from non fossil fuel based materials.) Mesh Weight: 19.2 oz/yd2 (651 g/m2) Fabric Thickness: .036 in (0.91mm) Openness Factor: Approximately 5% UV Blockage: Approximately 95% Acoustical Value: NRC 0.10/SA 0.11

#### Style 4100

Similar in design to Style 4000, Style 4100 has a slightly more open weave to provide increased outward visibility. Standard Width: 98" (248.9cm) Composition: 25% Polyester, 75% Vinyl on Polyester (Over 50% of compound components are derived from crop-based feed stocks and minerals. Over 2/3 of total compound is derived from non fossil fuel based materials.) Mesh Weight: 17.5 oz/yd2 (593 g/m2) Fabric Thickness: .035 in (0.89mm) Openness Factor: Approximately 10%

UV Blockage: Approximately 90%

#### Style 4400

Designed with a 3% openness factor, Style 4400 offers maximum UV blockage while maintaining good outward visibility.

Standard Width: 126" (320cm) Standard Roll Length: 30 Linear Yards (27.4m) Composition: 25% Polyester, 75% Vinyl on Polyester (Over 50% of compound components are derived from crop-based feed stocks and minerals. Over 2/3 of total compound is derived from non fossil fuel based materials.) Mesh Weight: 20.7 oz/yd2 (702 g/m2) Fabric Thickness: .037 in (0.94mm) Openness Factor: Approximately 3% UV Blockage: Approximately 97% Acoustical Value: NRC 0.20/SA 0.19

* Performance evaluations	conducted by Matrix, Inc., Mesa, Arizona.
TS = Solar Transmittance	1/4CL = 1/4" Clear Glass

RS = Solar Reflectance	1CL = 1" Insulating Clear Glass
AS = Solar Absorption	1/4HA = 1/4" Heat Absorbing Glass
TV = Visual Transmittance	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.

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#### Solar Heat Control Properties of Phifer SheerWeave Style 4000 With DOW ECOLIBRIUM™ Fabrics Installed Internally, Zero-Degree Profile Angle

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Phifer	SWF		Solar	Optica	al Prope	rties*	Sin	gle	Insu	lating
Color #	Color #	Color Name	TS	RS	AS	ΤV	1/4CL	1/4HA	1CL	1HA
U58	P0640	Eco/Chalk	16	68	16	12	0.32	0.31	0.31	0.25
U59	P0740	Eco/Alabaster	15	57	28	13	0.39	0.35	0.36	0.28
U60	Q1240	Eco/Pebblestone	14	49	37	12	0.44	0.37	0.41	0.3
U61	Q1540	Eco/Greystone	10	34	56	9	0.52	0.42	0.32	0.24
U62	P1040	Eco/Granite	11	41	48	10	0.48	0.4	0.29	0.23
U63	V0740	Eco/Pewter	8	27	65	9	0.56	0.44	0.51	0.36
U64	V1540	Eco/Ash	7	11	82	8	0.66	0.49	0.41	0.3
U65	V1040	Eco/Ebony	6	5	89	8	0.69	0.51	0.63	0.43
U66	Q1640	Eco/Tobacco	7	5	88	8	0.7	0.51	0.44	0.31

#### Solar Heat Control Properties of Phifer SheerWeave Style 4100 With DOW ECOLIBRIUM™

Fabrics Installed Internally, Zero-Degree Profile Angle

							Sha	ading Co	efficient	w/
Phifer	SWF		Solar	Optica	al Prope	erties*	Sin	gle	Insu	lating
Color #	Color #	Color Name	TS	RS	AS	ΤV	1/4CL	1/4HA	1CL	1HA
U58	P0641	Eco/Chalk	18	66	16	15	0.34	0.32	0.32	0.25
U59	P0741	Eco/Alabaster	19	56	25	16	0.41	0.36	0.38	0.29
U60	Q1241	Eco/Pebblestone	16	48	36	15	0.45	0.38	0.41	0.31
U61	Q1541	Eco/Greystone	14	35	51	14	0.53	0.42	0.48	0.34
U62	P1041	Eco/Granite	15	42	43	14	0.49	0.4	0.29	0.23
U63	V0741	Eco/Pewter	12	26	62	14	0.58	0.45	0.53	0.37
U64	V1541	Eco/Ash	10	10	80	11	0.67	0.5	0.42	0.31
U65	V1041	Eco/Ebony	10	4	86	11	0.71	0.52	0.64	0.43
U66	Q1641	Eco/Tobacco	10	5	85	11	0.7	0.51	0.45	0.32

#### Solar Heat Control Properties of

Phifer SheerWeave Style 4100 With DOW ECOLIBRIUM™ Fabrics Installed Internally, Zero-Degree Profile Angle

							Sh	ading Coe	efficient	W/
Phifer	SWF		Solar	<sup>r</sup> Optica	al Prope	erties*	Sin	gle	Insu	lating
Color #	Color #	Color Name	TS	RS	AS	ΤV	1/4CL	1/4HA	1CL	1HA
U58	P0644	Eco/Chalk	12	70	18	7	0.3	0.3	0.16	0.15
U59	P0744	Eco/Alabaster	10	62	28	6	0.35	0.32	0.19	0.17
U60	Q1244	Eco/Pebblestone	9	51	40	6	0.42	0.36	0.38	0.28
U61	Q1544	Eco/Greystone	6	39	55	5	0.48	0.4	0.44	0.32
U62	P1044	Eco/Granite	6	48	46	5	0.43	0.37	0.25	0.2
U63	V0744	Eco/Pewter	3	26	71	2	0.56	0.44	0.34	0.25
U64	V1544	Eco/Ash	3	10	87	4	0.66	0.49	0.6	0.41
U65	V1044	Eco/Ebony	3	3	94	3	0.7	0.51	0.63	0.43
U66	Q1644	Eco/Tobacco	3	5	92	3	0.69	0.5	0.62	0.42

## SPRINGS WINDOW FASHIONS

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### **Specifications**

Made from vinyl-coated polyester yarns, Style 4800 is designed with privacy in mind and offers maximum UV blockage.

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 G22, AATCC30 Part 3, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives
Environmental Certification:	Certified to GREENGUARD and GREENGUARD Gold standards for low chemical emissions into indoor air during product usage
Lead Free:	RoHS/Directive 2002/95/EC, US Consumer Product Safety Commission Section 101, ANSI/WCMA A100.1-2007 for lead content and REACH (EC 1907/2006) compliant
Acoustical Performance:	NRC (Noise Reduction Coefficient) and SAA (Sound Absorption Average) tested in accordance with ASTM C423-09a. See performance values below.



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### **Style 4800**

Standard Widths: 63" and 96" (160.0cm and 243.8cm) Composition: 24% Polyester, 76% Vinyl on Polyester Mesh Weight: 18.5 oz/yd<sup>2</sup> (627 g/m<sup>2</sup>) Fabric Thickness: .036 in (0.91mm) **Openness Factor:** Approximately 1% UV Blockage: Approximately 99% Acoustical Value: NRC .30/SAA .31

Solar Heat Control Properties of Phifer SheerWeave Style 4800 Fabrics Installed Internally, Zero-Degree Profile Angle

Phifer	SWF		*	Solar	Optic	al	Shading Coefficient w/						
Color	Color		Properties					Sin	Insulating				
No.	No.	Color	TS	RS	AS	ΤV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA	
P06	P0648	Chalk	8	77	15	6	0.21	0.22	0.26	0.22	0.24	0.21	
P07	P0748	Alabaster	10	62	28	4	0.35	0.35	0.32	0.33	0.33	0.26	
P75	P7548	Pearl	4	67	29	3	0.29	0.30	0.30	0.28	0.29	0.24	
Q97	Q9748	Sand	1	51	48	1	0.40	0.40	0.35	0.39	0.38	0.29	
Q98	Q9848	Mocha	0	12	88	1	0.67	0.64	0.48	0.63	0.58	0.40	
Q99	Q9948	Taupe	1	41	58	0	0.47	0.46	0.38	0.45	0.43	0.32	
V10	V1048	Ebony	0	3	97	0	0.73	0.69	0.51	0.68	0.63	0.43	
V16	V1648	Grey	4	51	45	2	0.41	0.40	0.35	0.39	0.38	0.29	
V59	V5948	Fleece	0	24	76	1	0.59	0.56	0.44	0.56	0.52	0.37	
V60	V6048	Clay	0	32	68	0	0.53	0.51	0.41	0.51	0.48	0.34	
V61	V6148	Mink	0	7	93	0	0.70	0.67	0.49	0.66	0.61	0.42	
V62	V6248	Flint	0	8	92	0	0.70	0.66	0.49	0.65	0.60	0.41	

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

TS = Solar Transmittance 1/8CL = 1/8" Clear Glass RS = Solar Reflectance 1/4CL = 1/4" Clear Glass AS = Solar Absorption TV = Visual Transmittance

1/4HA = 1/4" 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 Phifer Incorporated.

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### **Specifications**

Style 7000 is uniquely designed to provide total light blockage when complete room darkening is needed. With a broad range of decorator colors and the look and feel of rich cloth, Style 7000 will enhance the beauty and function of any room.

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-S109-03 (large and small scale)
Bacteria and Fungal Resistance:	ASTM G21-96, AATCC 174-1998 Part II and III
Environmental Certification:	Certified to GREENGUARD and GREENGUARD Gold standards for low chemical emissions into indoor air during product usage
Lead Free:	RoHS/Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100. 1-2007 for lead content
Acoustical Performance:	NRC (Noise Reduction Coefficient) and SAA (Sound Absorption Average) tested in accordance with ASTM C423-09a. See performance values below.
Cleaning Instructions:	Fabric should be regularly dusted/vacuumed as appropriate. If commercial spot cleaners are used, they must first be tested and allowed to dry on an inconspicuous area to ensure compatibility.

Railroading this fabric is not recommended.

Colors may vary slightly from swatch samples. All variations are within industry standards.



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### Style 7000

Standard Width: 118" (299.7cm) Composition: 100% Polyester with Acrylic Foamed Backing (PVC-free) Mesh Weight: 13.41 oz/yd² (454.67 g/m²) Fabric Thickness: .026 in (0.66mm) Openness Factor: Opaque Acoustical Value: NRC 0.10/SAA 0.08

#### Solar Heat Control Properties of Phifer SheerWeave Style 7000 Fabrics Installed Internally, Zero-Degree Profile Angle

Phifer	SWF		*	Solar	Opti	cal	Shading Coefficient w/						
Color	Color			Properties				Single	Insulating				
No.	No.	Color	TS	RS	AS	ΤV	1/8CL	1/4CL	1/4HA	1CL	1HA		
P62	P6270	White	0	64	36	0	0.31	0.31	0.30	0.30	0.24		
V40	V4070	Onyx	0	64	36	0	0.31	0.31	0.30	0.30	0.24		
P63	P6370	Birch	0	64	36	0	0.31	0.31	0.30	0.30	0.24		
P64	P6470	Sand	0	64	36	0	0.31	0.31	0.30	0.30	0.24		
Q57	Q5770	Wheat	0	64	36	0	0.31	0.31	0.30	0.30	0.24		
V39	P3970	Graphite	0	64	36	0	0.31	0.31	0.30	0.30	0.24		
V41	V4170	Canyon	0	64	36	0	0.31	0.31	0.30	0.30	0.24		
Q58	Q5870	Mushroom	0	64	36	0	0.31	0.31	0.30	0.30	0.24		
U67	U6770	Canvas	0	64	36	0	0.31	0.31	0.30	0.30	0.24		
U69	U6970	Сосоа	0	64	36	0	0.31	0.31	0.30	0.30	0.24		

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

TS =	Solar	Transmittance	1	./8CL =	1/8	' Clear	Glass

RS = Solar Reflectance 1/4CL = 1/4" Clear Glass

AS = Solar Absorption 1/4HA = 1/4" Heat Absorbing Glass

TV = Visual Transmittance

1CL = 1" Insulating Clear Glass

1HA = 1" Insulating Heat Absorbing Glass

For complete technical information, current test results, performance specifications and larger samples, contact Phifer Incorporated.

SheerWeave is a registered trademark of PHIFER INCORPORATED. GREENGUARD is a registered trademark of GREENGUARD Environmental Institute. PHIFER INCORPORATED

### SHEERWEAVE® STYLE 7100 BLACKOUT FABRIC

### **Specifications**

Style 7100 is a laminated blackout fabric with Style 2000 as the face fabric. Style 7100 is ideal to use when a totally opaque fabric is required.

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
Style 2000 face fabric includes Microban antibacterial additives and meets the standards of ASTM E 2180,
ASTM G22, AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329
GREENGUARD Certified, GREENGUARD for Children and Schools Certified, and GREENGUARD Select Certified
for Commercial, Healthcare and Education
RoHS/Directive 2002/95/EC, US Consumer Product Safety Commission Section 101, ANSI/WCMA
A100.1-2007 for lead content and REACH (EC 1907/2006) compliant roll up straighter and reduce shade
fabrication time.

*A*icroban

 ${\tt wlcroban}^{\tt w}$  antimicrobial protection inhibits the growth of stain-causing bacteria, mold and mildew on the shade





Standard Widths: 72" and 96" (182.9cm and 243.8cm) Composition: Vinyl-coated fiberglass fabric laminated with a two-ply 100% PVC blackout film Mesh Weight: 19.8 oz/yd<sup>2</sup> (671 g/m<sup>2</sup>) Fabric Thickness: .023 in (0.58mm) Openness Factor: Opaque **Cleaning Instructions:** Periodically clean with a mixture of mild detergent and water using a soft cloth or sponge. Rinse thoroughly with clean water and air dry. Due to the construction of Style 7100, some cupping may occur. Railroading this fabric is not recommended.

#### Solar Heat Control Properties of Phifer SheerWeave Style 7100 Fabrics Installed Internally, Zero-Degree Profile Angle

			Shading Coefficient w/								
	Phifer SWF			r Optica	al Prope	rties*		Single	Insulating		
Color Name	Color No.	Color No.	TS	RS	AS	TV	1/8CI	1/4CL	1/4HA	1CL	1HA
White	P02	P0271	0	71	29	0	0.25	0.26	0.28	0.26	0.22
White/Bone	P04	P0471	0	71	29	0	0.25	0.26	0.28	0.26	0.22
White/Platinum	P05	P0571	0	71	29	0	0.25	0.26	0.28	0.26	0.22
Bone	Q05	Q0571	0	71	29	0	0.25	0.26	0.28	0.26	0.22
Bone/Platinum	Q06	Q0671	0	71	29	0	0.25	0.26	0.28	0.26	0.22
Charcoal	V21	V2741	0	71	29	0	0.25	0.26	0.28	0.26	0.22

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

TS = Solar Transmittance

RS = Solar Reflectance

AS = Solar Absorption

TV = Visual Transmittance

 $\begin{array}{l} 1/4 \mbox{ CL} = 1/4" \mbox{ Clear Glass} \\ 1/4\mbox{HA} = 1/4" \mbox{ Heat Absorbing Glass} \\ 1/2 \mbox{ CL} = 1/2" \mbox{ Insulating Clear Glass} \end{array}$ 

1/8 CL = 1/8" Clear Glass

1 CL = 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.

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GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. MICROBAN® is a registered trademark of Microban Products Company. PHIFER® INCORPORATED



## **Specifications**

Style 7100 is a laminated blackout fabric with Style 2000 as the face fabric. Style 7100 is ideal to use when a totally opaque fabric is required. This fabric is suitable for roller shades.

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: Style 2000 face fabric includes Microban antibacterial additives and meets the standards of ASTM E 2180, ASTM G22, AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329

Environmental Certification: GREENGUARD Certified, GREENGUARD for Children and Schools Certified, and GREENGUARD Select Certified for Commercial, Healthcare and Education

Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101, ANSI/WCMA A100.1-2007 for lead content and REACH (EC 1907/2006) compliant

#### Warranty: 10-year interior

TrackLess: TrackLess Technology featured in the Style 2000 face fabric minimizes the fiberglass yarns inherent tendencies to track when being rolled up in a shade. With TrackLess Technology these same fabrics now track less, roll up straighter and reduce shade fabrication time.



Standard Widths: 72" and 96" (182.9cm and 243.8cm) Standard Roll Length: 30 Linear Yards (27.4m) Composition: Vinyl-coated fiberglass fabric laminated with a two-ply 100% PVC blackout film **Mesh Weight:** 19.8 oz/yd<sup>2</sup> (671 g/m<sup>2</sup>) Fabric Thickness: .023 in (0.58mm) **Openness Factor:** Opaque

**Cleaning Instructions:** Periodically clean with a mixture of mild detergent and water using a soft cloth or sponge Rinse thoroughly with clean water and air dry.

Due to the construction of Style 7100, some cupping may occur. Railroading this fabric is not recommended.

#### Solar Heat Control Properties of Phifer SheerWeave Style 7100 Fabrics Installed Internally, Zero-Degree Profile Angle

Phifer	SWF		*Solar Optical Shading Coefficient w/ PropertiesSingle Insu							
Color No.	Color No.	Color	TS	RS	AS	ΤV	1/8CL 1/4CL 1/4HA 1CL 1HA			
P02	P0271	White	0	71	29	0	0.25 0.26 0.28 0.26 0.22			
P04	P0471	White/Bone	0	71	29	0	0.25 0.26 0.28 0.26 0.22			
P05	P0571	White/Platinum	0	71	29	0	0.25 0.26 0.28 0.26 0.22			
Q05	Q0571	Bone	0	71	29	0	0.25 0.26 0.28 0.26 0.22			
Q06	Q0671	Bone/Platinum	0	71	29	0	0.25 0.26 0.28 0.26 0.22			
V21	V2171	Charcoal	0	71	29	0	0.25 0.26 0.28 0.26 0.22			

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

TS = Solar Transmittance 1/8 CL = 1/8" Clear Glass 1/4 CL = 1/4" Clear Glass

RS = Solar Reflectance

AS = Solar Absorptance 1/4 HA = 1/4" Heat Absorbing Glass

TV = Visual Transmittance

1 CL = 1" Insulating Clear Glass 1 HA = 1" Insulating Heat Absorbing Glass

For complete technical information, current test results, performance specifications and larger samples, contact our Sun Control Marketing Dept.

® SheerWeave is a registered trademark of PHIFER INCORPORATED.

TM TrackLess is a trademark of PHIFER INCORPORATED.

® GREENGUARD is a registered trademark of GREENGUARD Environmental Institute ® MICROBAN is a registered trademark of Microban Products Company.



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### **Specifications**

SheerWeave Infinity2<sup>™</sup> sustainable window treatment fabric is an eco-friendly full basketweave. Emulating the look and engineering of standard SheerWeave<sup>®</sup> fabrics, the core yarn and coating of Infinity<sup>™</sup> fabrics are PVC-free, lead-free and 100% recyclable.

Fire Classification: ASTM E-84 (Class I), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating) and CAN/ULC-S 109-03 Large

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

**Environmental Certification:** Certified to GREENGUARD and GREENGUARD Gold standards for low chemical emissions into indoor air during product usage

Lead Free: RoHS/Directive 2002/95/EC, US Consumer Product Safety Commission Section 101, ANSI/WCMA A100.1-2007 for lead content and REACH (EC 1907/2006) compliant



### 3% Openness

Standard Widths: 63" and 98" (160.0cm and 248.9cm) Composition: 100% TPO (Thermoplastic Olefin), 20% TPO fiber yarn/80% TPO coating on TPO yarn Mesh Weight: 13.69 oz/yd2 (464.17 g/m2) Fabric Thickness: .031 in (.787mm) Openness Factor: Approximately 3% UV Blockage: Approximately 97%

#### Solar Heat Control Properties of Phifer SheerWeave Infinity2 3% Openness Fabrics Installed Internally, Zero-Degree Profile Angle

SWF			*So	lar (	Optic	al	Shading Coefficient w/							
Color	Style		Properties					Single				Insulating		
No.	No.	Color	ΤS	RS	AS	ΤV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA		
2PG13	PG1	Cotton	20	70	10	19	0.31	0.32	0.31	0.29	0.30	0.24		
2PG23	PG2	Almond	17	61	22	15	0.37	0.37	0.34	0.35	0.35	0.27		
2PG33	PG3	Wheat	12	52	36	9	0.42	0.42	0.36	0.40	0.39	0.29		
2PG43	PG4	Stone	12	52	36	11	0.42	0.42	0.36	0.40	0.39	0.29		
2QG23	QG1	Barley	16	53	31	14	0.43	0.42	0.36	0.40	0.39	0.29		
2VG13	VG1	Nickel	9	36	55	8	0.53	0.51	0.41	0.50	0.47	0.34		
2VG23	VG2	Midnight	3	6	91	5	0.72	0.68	0.50	0.68	0.62	0.42		
2VG33	VG3	Bark	3	7	90	4	0.71	0.67	0.50	0.67	0.61	0.42		
2VG43	VG4	Slate	3	10	87	5	0.69	0.66	0.49	0.66	0.60	0.41		

### 5% Openness

Standard Widths: 63" and 98" (160.0cm and 248.9cm) Composition: 100% TPO (Thermoplastic Olefin), 20% TPO fiber yarn/80% TPO coating on TPO yarn Mesh Weight: 12.82 oz/yd2 (434.67 g/m2) Fabric Thickness: .030 in (.762mm) Openness Factor: Approximately 5% UV Blockage: Approximately 95%

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

TS = Solar Transmittance 1/8 CL = 1/8" Clear Glass

RS = Solar Reflectance 1/4 CL = 1/4" Clear Glass

AS = Solar Absorption 1/4HA = 1/4" Heat Absorbing Glass

TV = Visual Transmittance

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 Phifer Incorporated.

SheerWeave Infinity2<sup>™</sup> is a trademark of PHIFER INCORPORATED. SheerWeave<sup>®</sup> is a registered trademark of PHIFER INCORPORATED. GREENGUARD<sup>®</sup> is a registered trademark of GREENGUARD Environmental Institute.

#### Solar Heat Control Properties of Phifer SheerWeave Infinity2 5% Openness Fabrics Installed Internally, Zero-Degree Profile Angle

SWF		*Solar Optical					Shading Coefficient w/						
Color	Style		Ρ	Properties				-Single-		Insulating			
No.	No.	Color	TS	RS	AS	ΤV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA	
2PG15	PG1	Cotton	23	68	9	22	0.34	0.34	0.32	0.31	0.32	0.25	
2PG25	PG2	Almond	20	60	20	18	0.39	0.38	0.34	0.36	0.36	0.27	
2PG35	PG3	Wheat	14	51	35	12	0.44	0.43	0.37	0.41	0.40	0.30	
2PG45	PG4	Stone	15	52	33	14	0.43	0.42	0.37	0.41	0.39	0.29	
2QG25	QG1	Barley	19	51	30	17	0.45	0.44	0.37	0.42	0.40	0.30	
2VG15	VG1	Nickel	10	34	56	11	0.54	0.52	0.42	0.52	0.48	0.34	
2VG25	VG2	Midnight	5	6	89	8	0.72	0.69	0.50	0.68	0.62	0.42	
2VG35	VG3	Bark	4	7	89	6	0.71	0.68	0.50	0.68	0.61	0.42	
2VG45	VG4	Slate	5	9	86	7	0.70	0.67	0.49	0.67	0.60	0.41	

### **Specifications**

Using thin polyester yarns and a unique twill weave, Styles 4550 and 4650 are easy to fabricate and offer a distinct two-sided appearance that maximizes both visibility and solar heat reduction.

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 G22, AATCC30 Part 3, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives
Environmental Certification:	Certified to GREENGUARD and GREENGUARD Gold standards for low chemical emissions into indoor air during product usage
Lead Free:	RoHS/Directive 2002/95/EC, US Consumer Product Safety Commission Section 101, ANSI/WCMA A100.1-2007 for lead content and REACH (EC 1907/2006) compliant



PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818



Microban® antimicrobial protection inhibits the growth of stain-causing bacteria, mold and mildew on the shade







### Style 4550

Standard Widths: 63" and 98" (160.0cm and 248.9cm) Composition: 17% Polyester, 83% Vinyl on Polyester Mesh Weight: 12.5 oz/yd<sup>2</sup> (423.83 g/m<sup>2</sup>) Fabric Thickness: .025 in (0.64mm) Openness Factor: Approximately 5% UV Blockage: Approximately 95%

#### Solar Heat Control Properties of Phifer SheerWeave Style 4550 Fabrics Installed Internally, Zero-Degree Profile Angle

SWF Color					Optio erties		Shading Coefficient w/ SingleInsulatin				
No.	No.	Color	TS	RS	AS	ΤV	1/8CL	1/4CL	1/4HA	1CL	1HA
P1045	P10	Granite	7	56	37	8	0.38	0.38	0.34	0.36	0.28
P6545	P65	Linen	9	59	32	10	0.36	0.36	0.33	0.34	0.27
/4545	V45	Coal	8	48	44	9	0.44	0.43	0.37	0.40	0.30
V4745	V47	Chestnut	9	48	43	11	0.44	0.43	0.37	0.40	0.30

### Style 4650

Standard Widths: 63" and 98" (160.0cm and 248.9cm) Composition: 17% Polyester, 83% Vinyl on Polyester Mesh Weight: 13.3 oz/yd<sup>2</sup> (450.96 g/m<sup>2</sup>) Fabric Thickness: .026 in (0.66mm) Openness Factor: Approximately 3% UV Blockage: Approximately 97% Solar Heat Control Properties of Phifer SheerWeave Style 4650 Fabrics Installed Internally, Zero-Degree Profile Angle

SWF Color	Style		*Solar Optical Properties					Shading Single	ent w/ Insulating		
No.	No.	Color	TS	RS	AS	ΤV	1/8CL	1/4CL	1/4HA	1CL	1HA
P1046	P10	Granite	6	55	39	8	0.39	0.38	0.34	0.36	0.28
P6546	P65	Linen	7	58	35	8	0.37	0.37	0.33	0.35	0.27
P4546	V45	Coal	5	47	48	7	0.44	0.43	0.37	0.40	0.30
P4746	V47	Chestnut	7	48	45	8	0.44	0.43	0.37	0.40	0.30

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

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

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 Phifer Incorporated.

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# E Screen





### **Specifications**

**Product Type: Composition: Standard Packaging:** Width:

**Fenestration Properties\*:** 

Interior / Transparent 36% Fiberglass / 64% Vinyl Rolls of 30 ly (27 lm) 78" (200 cm), 98" (250 cm), 122" (310 cm)

Weight:

 $1\% = 13.3 \text{ oz/yd}^2 (452 \text{ g/m}^2)$ 3% = 11.6 oz/yd<sup>2</sup> (393 g/m<sup>2</sup>)  $5\% = 10.7 \text{ oz/yd}^2 (363 \text{ g/m}^2)$ 10% = 10.3 oz/yd<sup>2</sup> (350 g/m<sup>2</sup>) Thickness: 1%, 10% = 0.020'' (0.52 mm)3% = 0.017'' (0.43 mm)5% = 0.016'' (0.41 mm)

UV Blockage: Approximately 90%-99%

										SHGC/G Value				
Color #	Color Name	T	Ts		s	As		Tv		CL-S		D	G	
		1%	3%	1%	3%	1%	3%	1%	3%	1%	3%	1%	3%	
02.02	White/White	14	16	75	73	11	11	11	13	0.29	0.31	0.33	0.33	
02.07	White/Pearl	9	10	58	52	33	38	6	8	0.39	0.42	0.38	0.40	
02.20	White/Linen	14	16	66	63	20	21	10	12	0.35	0.37	0.36	0.37	
20.20	Linen/Linen	15	18	53	52	32	30	11	13	0.42	0.43	0.40	0.40	
30.71	Charcoal/Apricot	1	7	13	18	86	75	1	7	0.64	0.62	0.53	0.51	
30.30	Charcoal/Charcoal	1	5	4	4	95	91	1	4	0.69	0.70	0.55	0.56	
80.61	Charcoal/Cocoa	2	4	5	7	93	89	2	3	0.69	0.68	0.55	0.55	
51.61	Cocoa/Cocoa	2	5	8	9	90	86	2	5	0.67	0.67	0.54	0.54	
51.71	Cocoa/Apricot	3	7	17	19	80	74	2	6	0.62	0.61	0.51	0.51	
30.01	Charcoal/Grey	3	5	9	10	88	85	2	5	0.66	0.66	0.54	0.54	
		5%	10%	5%	10%	5%	10%	5%	10%	5%	10%	5%	10%	
02.02	White/White	20	25	71	66	9	9	17	22	0.32	0.36	0.34	0.36	
02.07	White/Pearl	12	20	51	50	37	30	9	18	0.43	0.45	0.40	0.41	
02.20	White/Linen	20	25	62	58	18	17	16	22	0.38	0.41	0.37	0.38	
20.20	Linen/Linen	22	27	50	47	28	26	17	23	0.45	0.47	0.41	0.42	
30.71	Charcoal/Apricot	7	14	15	14	78	72	6	13	0.63	0.65	0.52	0.52	
30.30	Charcoal/Charcoal	4	12	6	3	90	85	4	12	0.68	0.71	0.55	0.56	
80.61	Charcoal/Cocoa	7	11	6	5	87	84	7	11	0.69	0.70	0.55	0.55	
51.61	Cocoa/Cocoa	7	11	9	7	84	82	6	11	0.67	0.69	0.54	0.55	
51.71	Cocoa/Apricot	10	14	17	16	73	70	8	13	0.63	0.64	0.51	0.52	
0.01	Charcoal/Grey	7	12	10	8	83	80	7	11	0.66	0.68	0.54	0.54	

Openness Factor: 1%, 3%, 5% and 10%

\*The fenestration property tests were conducted in accordance with EN 14501:2005, ASTM 891, ASTM E903-96: Shading Coefficient (SC), Solar Heat Gain Coefficient (SHGC), Solar Transmittance (Ts), Solar Reflectance (Rs), Solar Absorptance (As), Visible Light Transmittance (Tv); ¼ (6mm) Clear Glass (CL); 4mm Clear Glass, Single Glazing (CL-S); Double Glazing 4mm/16mm/4mm with low E-coating in position 3, space filled with Argon (DG). To calculate shading coefficient: SHGC CL S / 0.87. Acoustical performance tested in accordance with ASTM C423-09a: NRC is Noise Reduction Coefficient, SAA is Sound Absorption Average. The above data is indicative. For up-to-date test results, performance specifications, and larger samples, contact the Mermet Marketing Department at www.mermetusa.com.

#### **Fabrication Methods\*:**

Cutting: cold, ultrasonic or crush Welding: radio frequency, high frequency, impulse, hot air, hot wedge

**Fire Classifications:** CAN/ULC-S109-03 Small Flame Test **Environmental Benefits: RoHS** - Lead Free

**Acoustical Performance:** 1% = NRC: 0.40, SAA: 0.40 3% = NRC: 0.15, SAA: 0.17 5% = NRC: 0.10, SAA: 0.12

\*We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabrications specifications.

Bacterial and Fungal Resistance:

#### **Care and Cleaning:**

Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.



5970 N. Main Street • Cowpens, SC 29330 Sales Department: Ph (866) 902-9647 • Fx (866) 902-8522 info@mermetusa.com · www.mermetusa.com

# T Screen | Fusion Colors





### Specifications

Product Type: Composition: Standard Packaging: Interior / Transparent 36% Fiberglass / 64% Vinyl Rolls of 30 ly (27 lm)

Width:
Weight:
Thickness:

98″ (250cm) 11.6 oz / yd² (395 g / m²) 0.025″ (0.64 mm)

#### Fenestration Properties\*:

**Openness Factor: 3%** 

UV Blockage: 97%

			-				SHGC/G Value Color			
#	Color Name	Side	Ts	Rs	As	Tv	CL-S	DG		
M156	Charcoal/Fall-Hazelnut	Dark	4	7	89	4	0.68	0.55		
		Light	4	17	79	4	0.62	0.51		
M161	Cocoa/Grey-Straw	Dark	4	10	86	3	0.66	0.54		
		Light	4	18	78	4	0.61	0.51		
M151	White/Sable-Straw	Dark	16	56	28	13	0.41	0.39		
		Light	15	64	21	12	0.36	0.36		
M153	Sable/Straw-Cocoa	Dark	10	31	59	7	0.54	0.47		
		Light	9	34	57	6	0.53	0.46		
M155	Sable/Cocoa-Hazelnut	Dark	11	30	59	8	0.55	0.47		
		Light	10	33	57	7	0.53	0.46		
M158	Cocoa/Apricot-Mustard	Dark	5	11	84	4	0.65	0.53		
		Light	5	22	73	4	0.59	0.50		
M154	Cocoa/Sable-Linen	Dark	4	11	85	4	0.65	0.53		
		Light	5	20	75	4	0.60	0.50		
02.10	White/Sable	Dark	15	52	33	12	0.43	0.40		
		Light	14	62	24	11	0.37	0.37		
M157	Cocoa/Phoenix-Mustard	Dark	5	11	84	4	0.65	0.53		
		Light	5	20	75	4	0.60	0.50		
M159	Cocoa/Phoenix-Fall	Dark	5	10	85	4	0.66	0.54		
		Light	5	16	79	4	0.63	0.52		
M162	Cocoa/Sable-Cocoa	Dark	4	8	88	4	0.67	0.54		
		Light	4	13	83	4	0.64	0.53		
M160	Charcoal/Sable-Cocoa	Dark	4	6	90	4	0.68	0.55		
		Light	4	11	85	4	0.65	0.53		

\*The fenestration property tests were conducted in accordance with EN 14501:2005, ASTM 891, ASTM E903-96: Shading Coefficient (SC), Solar Heat Gain Coefficient (SHGC), Solar Transmittance (Ts), Solar Reflectance (Rs), Solar Absorptance (As), Visible Light Transmittance (TV); ½ (6mm) Clear Glass (CL); 4mm Clear Glass, Single Glazing (CL-S); Double Glazing 4mm/16mm/4mm with low E-coating in position 3, space filled with Argon (DG); SC calculation: SHGC CL-5 / 0.87. Acoustical performance tested in accordance with ASTM C423-09a: NRC is Noise Reduction Coefficient, SAA is Sound Absorption Average. The above data is indicative. For up-to-date test results, performance specifications, and larger samples, contact the Mermet Marketing Department at www.mermetusa.com.

#### Fabrication Methods\*:

Cutting: cold, ultrasonic or crush Welding: radio frequency, high frequency, impulse, hot air, hot wedge Fire Classifications: NFPA 701-10 TM#1, California U.S. Title 19 CAN/ULC-S109-03 Small Flame Test

**Bacterial and Fungal Resistance:** ASTM E2180 and ASTM G21 Environmental Benefits: RoHS - Lead Free

Acoustical Performance: NRC: 0.15, SAA: 0.15

\*We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabrications specifications.

#### Care and Cleaning:

Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.

### MERMET

5970 N. Main Street • Cowpens, SC 29330 Sales Department: Ph (866) 902-9647 • Fx (866) 902-8522 info@mermetusa.com • www.mermetusa.com

# **Flocké**<sup>®</sup>





### Specifications

Product Type:	Interior / Blackout	Width:	94.5" (240cm)
Composition:	42% Fiberglass / 51% Acrylic	Weight:	14.7 oz / yd² (500 g / m²)
	7% Cotton Flocked Backing, PVC Free	Thickness:	0.021" (0.55 mm)
Standard Packaging:	Rolls of 36 ly (33 lm)		

**Fenestration Properties\*:** 

**Openness Factor: 0%** 

UV Blockage: 100%

Color							SC	SHGC/G Value			
SWF #	Mermet #	ł	Ts	Rs	As	Tv	1⁄4″ CL	CL-S	DG		
618	06.18	Mississippi	0	69	31	0	0.36	0.31	0.34		
609	06.09	Loutre	0	71	29	0	0.34	0.30	0.34		
608	06.08	Chartreux	0	71	29	0	0.34	0.30	0.34		
623	06.23	Sahel	0	70	30	0	0.34	0.30	0.34		
600	06.00	Blanc	0	71	29	0	0.34	0.30	0.34		

\*The fenestration property tests were conducted in accordance with EN 14501:2005, ASTM 891, ASTM E903-96: Shading Coefficient (SC), Solar Heat Gain Coefficient (SHGC), Solar Transmittance (Ts), Solar Reflectance (Rs), Solar Absorptance (As), Visible Light Transmittance (Tv); Y (6mm) Clear Glass (CL); 4mm Clear Glass, Single Glazing (CL-5); Double Glazing 4mm/16mm/4mm with low E-coating in position 3, space filled with Argon (DG); SC calculation: SHGC CL-5 / 0AST. Acoustical performance tested in accordance with ASTM C423-09a: NRC is Noise Reduction Coefficient, SAA is Sound Absorption Average. The above data is indicative. For up-to-date test results, performance specifications, and larger samples, contact the Mermet Marketing Department at www.mermetusa.com.

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

Environmental Benefits: RoHS - Lead Free, PVC Free Acoustical Performance: NRC: 0.05, SAA: 0.04

#### **Care and Cleaning**

Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.

# **SWF**contract<sup>™</sup>

Springs Window Fashions, LLC 7549 Graber Road • Middleton, WI 53562 www.swfcontract.com

# **M Screen**





### Specifications

Product Type:	Interior / Transparent	Width:	98″ (250 cm)
Composition:	36% Fiberglass / 64% Vinyl	Weight:	3% = 12.7 oz/yd² (432 g/m²)
Standard Packaging:	Rolls of 30 ly (27 lm)		5% = 11.3 oz/yd² (384 g/m²)
		Thickness:	0.022" (0.55 mm)

**Fenestration Properties\*:** 

Openness Factor: 3% & 5%

UV Blockage: 97% & 95%

Color											SC 1⁄4″ CL		SHGC/G Value			
	Mermet #	Color Name	т		Rs		As		Tv				CL-S		DG	
5%			3%	5%	3%	5%	3%	5%	3%	5%	3%	5%	3%	5%	3%	5%
N3071	30.71	Charcoal/Apricot	5	7	13	13	82	80	5	7	0.74	0.75	0.64	0.65	0.53	0.53
N0202	02.02	White/White	18	19	71	71	11	10	16	16	0.37	0.37	0.32	0.32	0.34	0.34
N0207	02.07	White/Pearl	10	15	54	52	36	33	8	12	0.47	0.49	0.41	0.43	0.39	0.40
N0220	02.20	White/Linen	15	19	64	61	21	20	11	15	0.41	0.44	0.36	0.38	0.36	0.37
N0222	02.22	White/Stone	21	21	62	61	17	18	18	18	0.44	0.44	0.38	0.38	0.37	0.37
N0707	07.07	Pearl/Pearl	7	10	34	33	59	57	5	7	0.60	0.61	0.52	0.53	0.46	0.46
N0720	07.20	Pearl/Linen	11	12	40	39	49	49	8	9	0.56	0.57	0.49	0.50	0.44	0.44
N2022	20.22	Linen/Stone	21	22	51	50	28	28	16	18	0.51	0.52	0.44	0.45	0.41	0.41
N3001	30.01	Charcoal/Grey	2	6	8	8	90	86	2	5	0.77	0.77	0.67	0.67	0.54	0.54
N3010	30.10	Charcoal/Sable	4	6	12	13	84	81	4	5	0.75	0.74	0.65	0.64	0.53	0.53
N3030	30.30	Charcoal/Charcoal	3	3	4	4	93	93	3	3	0.79	0.79	0.69	0.69	0.55	0.55
N6130	61.30	Cocoa/Charcoal	4	4	6	6	90	90	4	4	0.78	0.78	0.68	0.68	0.55	0.55
	N3071 N0202 N0220 N0222 N0707 N0720 N2022 N3001 N3010 N3030	5%       N3071     30.71       N0202     02.02       N0207     02.07       N0220     02.20       N0222     02.22       N0707     07.07       N0202     20.22       N0720     07.20       N2022     20.22       N3001     30.01       N3010     30.30	5%N307130.71Charcoal/ApricotN020202.02White/WhiteN020702.07White/PearlN022002.20White/LinenN022202.22White/StoneN070707.07Pearl/PearlN072007.20Pearl/LinenN202220.22Linen/StoneN300130.01Charcoal/GreyN301030.30Charcoal/Charcoal	5%         3%           N3071         30.71         Charcoal/Apricot         5           N0202         02.02         White/White         18           N0207         02.07         White/Pearl         10           N0200         02.20         White/Linen         15           N0220         02.22         White/Stone         21           N0707         07.07         Pearl/Pearl         7           N0720         07.20         Pearl/Linen         11           N2022         20.22         Linen/Stone         21           N3001         30.01         Charcoal/Grey         2           N3010         30.30         Charcoal/Charcoal         3	5%         3%         5%           N3071         30.71         Charcoal/Apricot         5         7           N0202         02.02         White/White         18         19           N0207         02.07         White/Pearl         10         15           N0220         02.02         White/Linen         15         19           N0220         02.20         White/Stone         21         21           N0707         07.07         Pearl/Pearl         7         10           N0720         07.20         Pearl/Linen         11         12           N0703         07.20         Pearl/Linen         21         21           N0704         07.20         Charcoal/Grey         21         21           N3001         30.01         Charcoal/Grey         21         21           N3010         30.30         Charcoal/Charcoal         3         3	5%         3%         5%         3%           N3071         30.71         Charcoal/Apricot         5         7         13           N0202         02.02         White/White         18         19         71           N0207         02.07         White/Pearl         10         15         54           N0220         02.02         White/Linen         15         19         64           N0222         02.22         White/Stone         21         21         62           N0707         07.07         Pearl/Pearl         7         10         34           N0720         07.20         Pearl/Linen         11         12         40           N2022         20.22         Linen/Stone         21         22         51           N3001         30.01         Charcoal/Grey         2         6         8           N3010         30.10         Charcoal/Charcoal         3         3         4	5%         3%         5%         3%         5%           N3071         30.71         Charcoal/Apricot         5         7         13         13           N2020         02.02         White/White         18         19         71         71           N0207         02.02         White/Pearl         10         15         54         52           N0202         02.20         White/Linen         10         15         64         61           N0202         02.22         White/Stone         21         21         62         61           N0707         07.07         Pearl/Pearl         7         10         34         33           N0720         07.20         Pearl/Linen         11         12         40         39           N2022         20.22         Linen/Stone         21         22         51         50           N3001         30.01         Charcoal/Grey         2         6         8         8           N3010         30.30         Charcoal/Charcoal         3         3         4         4	5%         3%         5%         3%         5%         3%           N3071         30.71         Charcoal/Apricot         5         7         13         13         82           N0202         02.02         White/White         18         19         71         711         11           N0207         02.07         White/Pearl         10         15         54         52         36           N0220         02.20         White/Linen         10         15         54         52         36           N0220         02.20         White/Linen         10         15         54         52         36           N0220         02.22         White/Stone         21         21         62         61         17           N0707         07.07         Pearl/Pearl         7         10         34         33         59           N0720         07.20         Pearl/Linen         11         12         40         39         49           N2022         20.22         Linen/Stone         21         22         51         50         28           N3001         30.01         Charcoal/Grey         2         6         8         8	5%3%5%3%5%3%5%N307130.71Charcoal/Apricot5713138280N020202.02White/White181971711110N020702.07White/Pearl101554523633N022002.20White/Linen151964612120N022202.22White/Stone212162611718N070707.07Pearl/Pearl71034335957N072007.20Pearl/Linen111240394949N202220.22Linen/Stone212151502828N300130.01Charcoal/Grey26889086N301030.30Charcoal/Charcoal33449393	5%3%5%3%5%3%5%3%5%3%N307130.71Charcoal/Apricot57131382805N020202.02White/White18197171111016N020702.07White/Pearl1015545236338N022002.20White/Linen15196461212011N022202.22White/Stone21216261171818N070707.07Pearl/Pearl710343359575N072007.20Pearl/Linen1112403949498N300130.01Charcoal/Grey268890862N301030.30Charcoal/Charcoal334493933	5%3%5%3%5%3%5%3%5%5%5%N307130.71Charcoal/Apricot571313828057N020202.02White/White1819717111101616N020702.07White/Pearl101554523633812N022002.20White/Linen1519646121201115N022202.22White/Stone2121626117181818N070707.07Pearl/Pearl7103433595757N072007.20Pearl/Linen11124039494989N202220.22Linen/Stone2122515028281618N300130.01Charcoal/Grey2688908625N301030.30Charcoal/Charcoal3344939333	Mermet #Color NameTRsAsT√Ma5%30.71Charcoal/Apricot571313828053%5%N307130.71Charcoal/Apricot5713138280570.74N020202.02White/White1819717111101610.37N020702.07White/Pearl1015545236338120.47N022002.22White/Linen15196461212011150.41N022202.22White/Stone212162611718180.44N070707.07Pearl/Pearl71034335957570.60N072007.20Pearl/Linen11124039494980.51N020220.22Linen/Stone21225150282816180.51N020330.01Charcoal/Grey26889086250.75N301030.30Charcoal/Charcoal33449393330.75	Mermet #Color NameIRsAsIV1¼" ∪5%S071Charcoal/Apricot5%5%3%5%5%3%5%3%5%3%5%3%5%5%3%5%5%5%3%5%<	Mermet #Color NameTRsAsTvN/" CCL5%30, 71Charcoal/Apricot5713138280570.740.750.64N202202.02White/White18197171111016160.370.370.32N020702.07White/Pearl1015545236338120.470.490.41N022202.22White/Stone21216261171818180.440.440.38N070707.07Pearl/Pearl71034335957570.660.570.49N020202.22White/Stone21216261171818180.440.440.38N070707.07Pearl/Pearl71034335957570.660.570.49N020220.22Linen/Stone21225150282816180.510.520.44N070730.01Charcoal/Grey26889086250.770.770.67N300130.01Charcoal/Sable4612138481450.750.740.65N303030.30Charcoal/Charcoal3344	Mermet #Color NameTRsAsTvY/4" CLCL-55%30.71Charcoal/Apricot57131382805%3%3%3%3%3%3%3%3%3%5%3%3%3%3%3%3%3%3%3%3%3%3%3%3%3%33%	Mermet #Color NameTRsAsTV¼″ CLCL-SD5%30°30°5%30°5%30°5%30°5%30°5%30°5%30° </td

\*The fenestration property tests were conducted in accordance with EN 14501:2005, ASTM 891, ASTM E903-96: Shading Coefficient (SC), Solar Heat Gain Coefficient (SHGC), Solar Transmittance (Ts), Solar Reflectance (Rs), Solar Absorptance (As), Visible Light Transmittance (Ty); ½ (6mm) Clear Glass, CL); 4mm Clear Glass, Single Glazing (CL-5); Double Glazing 4mm/16mm/4mm with low E-coating in position 3, space filled with Argon (DG); SC calculation: SHGC CL-5 / 0.87. Acoustical performance tested in accordance with ASTM C423-09a: NRC is Noise Reduction Coefficient, SAA is Sound Absorption Average. The above data is indicative. For up-to-date test results, performance specifications, and larger samples, contact the Mermet Marketing Department at www.mermetusa.com.

#### Fire Classifications: NFPA 701-10 TM#1, California U.S. Title 1 CAN/ULC-S109-03 Small Flame Test

Bacterial and Fungal Resistance: ASTM E2180 and ASTM G21

Environmental Benefits: RoHS - Lead Free coustical Performance: % | NRC: 0.35, SAA: 0.33 % | NRC: 0.10, SAA: 0.12

#### Care and Cleaning:

Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.

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