

**88**

Color, Alu,  
LowE, Proof



# Soltis 88

## The perfect balance to enjoy only the benefits of sun

Color, Alu, LowE or waterproof, several variations are possible to appreciate the advantages of Soltis 88 in various environments.

### 88 Color & Alu

offers the ideal openness factor so you can fully enjoy the view beyond your windows and the daylight while blocking up to 95% of the solar gains.

- **Design and appearance:** the only solar protection screen to offer a pattern as uniform as a woven fabric with the additional advantages of the Préconstraint technology
- A range of 17 colors.

### 88 LowE

acts like a thermal barrier. It helps to preserve indoor temperature in summer by reemitting less heat inside than an average solar protection. The interior temperature is thus more stable and users' comfort is enhanced.

- **Energy performance:** heating and air conditioning demands are reduced and building energy costs are fully optimised.

### 88 Proof

the ideal solution for pergola roofs and velums.

- **Light and thin:** excellent winding performance
- 100% waterproof
- Translucent to make the most of natural light; up to 21% of light transmission
- High dimensional stability thanks to the Préconstraint® technology.



**The ideal balance  
for greater comfort**

# Soltis 88

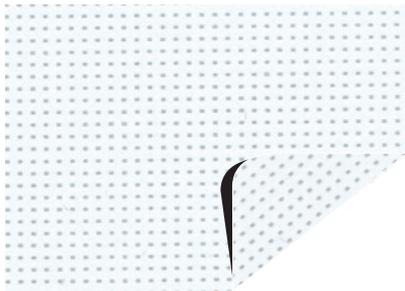
## Color

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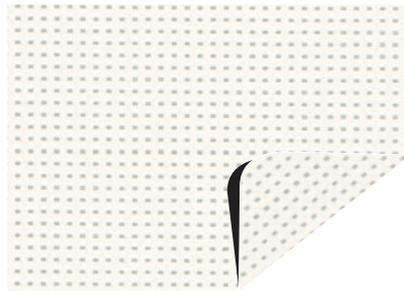
Celestial grey

88-51178



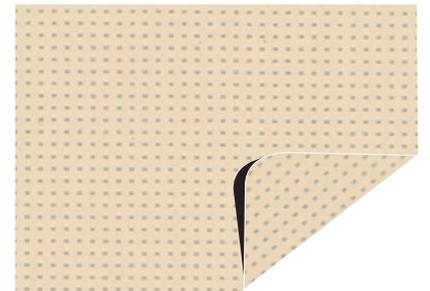
Snow white

88-50690



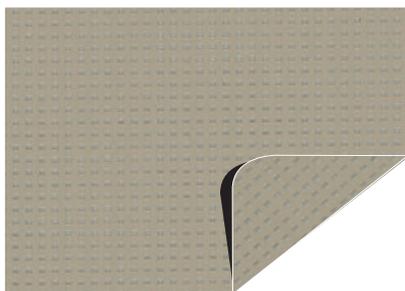
White

88-2044



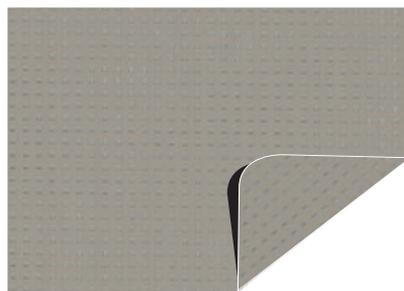
Champagne

88-2175



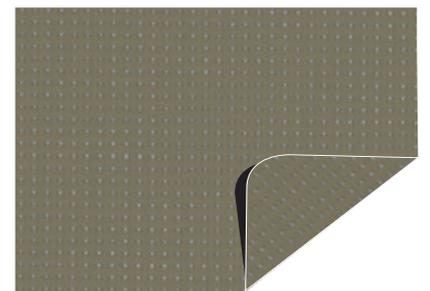
Hemp

88-50265



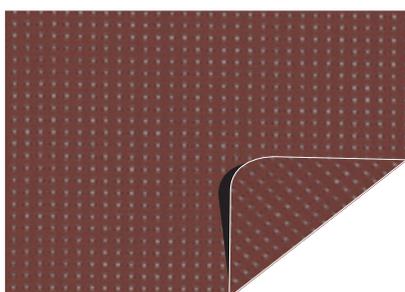
Sandy beige

88-2135



Pepper

88-2012



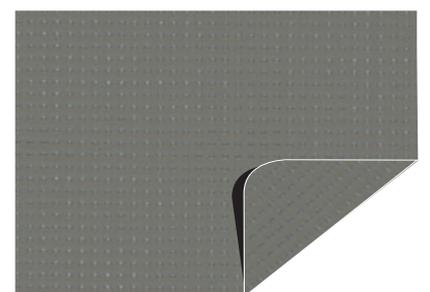
Brick

88-51180



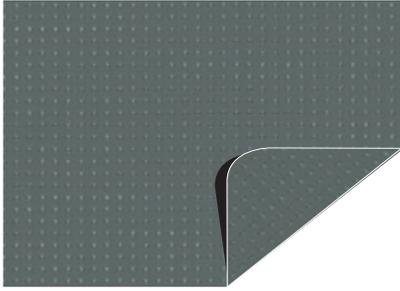
Bronze

88-2043



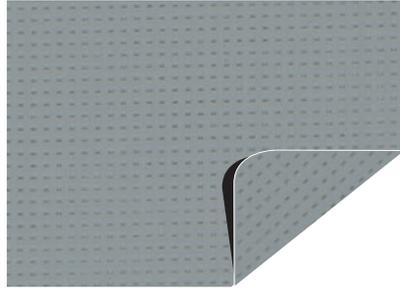
Taupe

88-50850



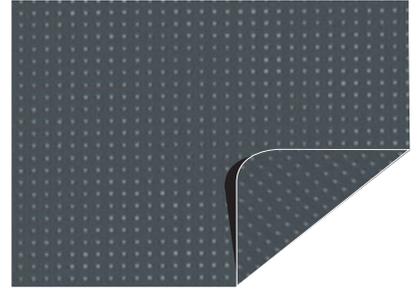
**Green grey**

**88-51179**



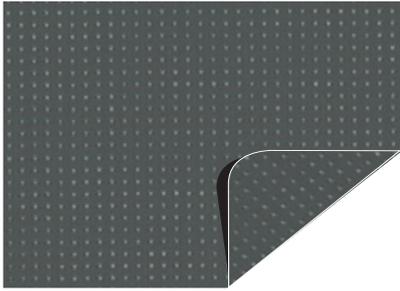
**Boulder**

**88-2171**



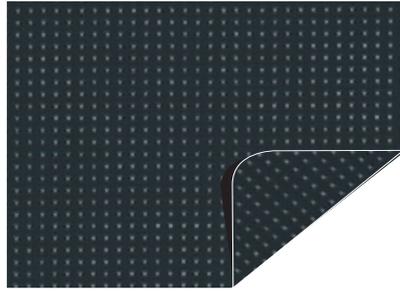
**Concrete**

**88-2167**



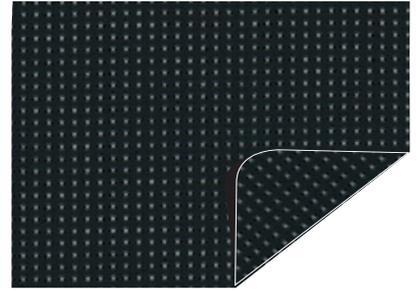
**Dark grey**

**88-51177**



**Anthracite**

**88-2047**

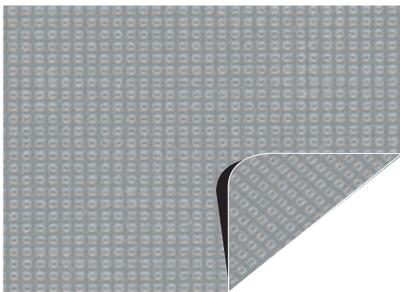


**Deep black**

**88-51176**

## Alu

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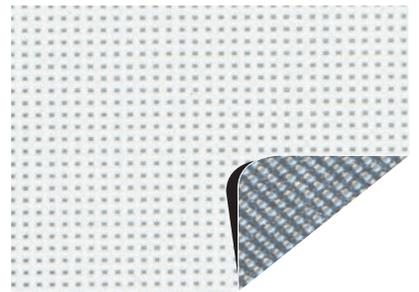


**Alu/Alu**

**88-2048**

## LowE

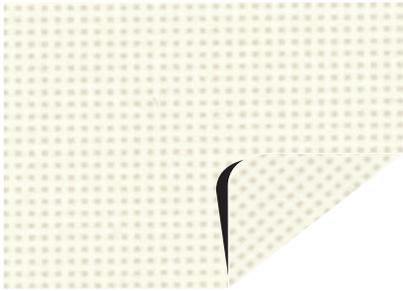
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**White/LowE**

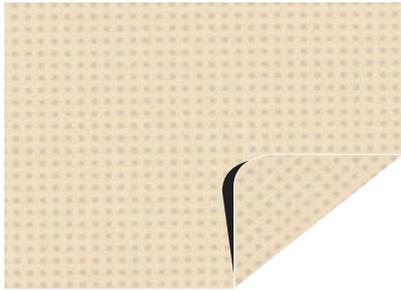
**88-2061E**

# Proof



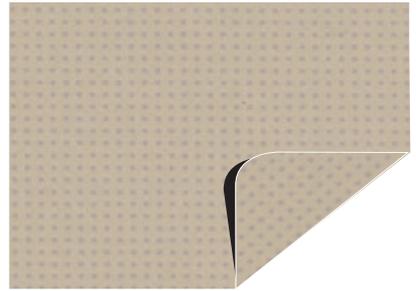
White

W88-8102



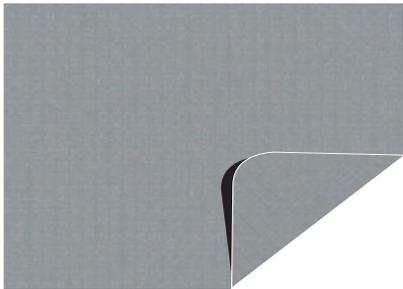
Off-white

W88-1103



Vanilla

W88-8861



Boulder

W88-2171

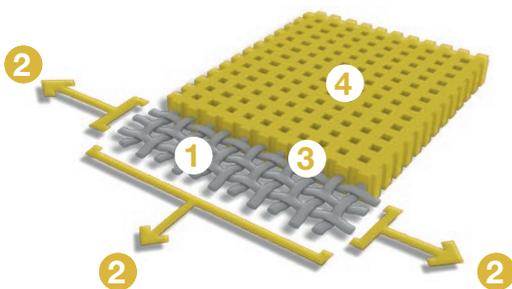


Anthracite

W88-2047

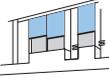
## Exclusive Précontraint® technology

This unique, world-patented technology involves maintaining the composite in bi-axial tension throughout the manufacturing cycle. It ensures our materials' exceptional performance characteristics, which ensure they exceed market standards in terms of long-term stability, strength, coating thickness and flatness.



1	High-tenacity polyester micro-yarn reinforcing mesh	Higher resistance to elongation and tearing
2	Coating under bi-axial, warp and weft tension	No deformation during installation and usage
3	Coating thickness covering top of yarns and dirt repellent surface treatment	Enhanced aesthetic and structural durability
4	Extremely flat and thin	Easy-to-clean smooth surface ensuring compactness and easy rolling

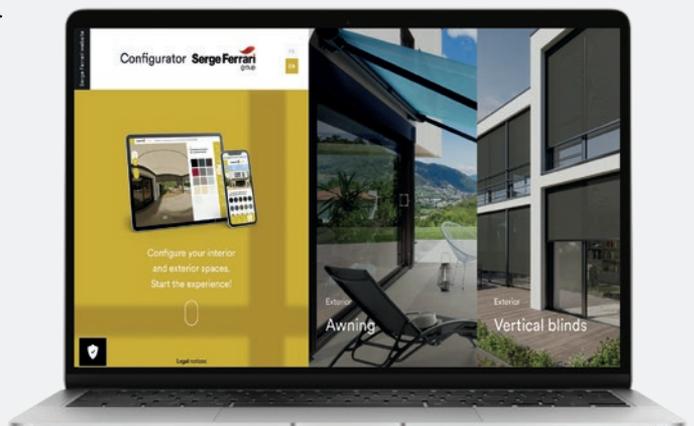
**Main applications**

	Color	Alu	LowE	Proof
<b>Exterior solar protection &amp; Terrace</b>				
 Facade blinds	✓	✓		
 Projection awnings	✓	✓		✓
 Wintergarden blinds	✓	✓		
 Fixed pergola roof	✓	✓		
 Rollable pergola roof	✓	✓		✓
 Retractable pergola roof	✓	✓		✓
 Lateral pergola blind	✓	✓		
 Retractable arm awning				✓
 Awning valances	✓	✓		
 Wind shields	✓	✓		
<b>Interior solar protection</b>				
 Roller blinds	✓	✓	✓	
 Panel tracks	✓	✓	✓	

**Carry on the experience with  
our fabric configurator!**



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# Thermal and light transmission properties

(according to EN 14501)

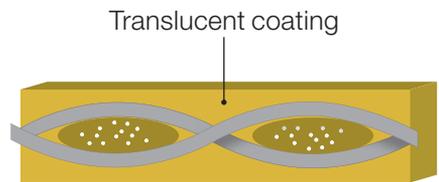
	Width (cm-in) 177 267 69.7 105.1	TS	RS	AS	TV n-h	ISO 52022-3* Type D glazing	
						g <sub>tot,e</sub>	g <sub>tot,i</sub>
<b>Color</b>							
88-2012		● ●	12	29	59	10	0.07 0.23
88-2043		● ●	9	12	79	8	0.07 0.28
88-2044		● ●	24	65	11	22	0.13 0.12
88-2047		● ●	9	8	83	9	0.07 0.28
88-2135		● ●	14	42	44	11	0.08 0.20
88-2167		● ●	9	16	75	9	0.07 0.26
88-2171		● ●	13	38	49	11	0.08 0.20
88-2175		● ●	24	62	14	21	0.12 0.14
88-50265		● ●	15	44	41	12	0.08 0.20
88-50690		● ●	21	67	12	19	0.08 0.12
88-50850		● ●	11	27	62	9	0.05 0.24
88-51176		● ●	9	5	86	9	0.05 0.29
88-51177		● ●	10	16	74	10	0.05 0.26
88-51178		● ●	10	17	73	9	0.05 0.26
88-51179		● ●	11	25	64	10	0.05 0.25
88-51180		● ●	12	24	64	10	0.05 0.26
<b>Alu</b>							
88-2048		● ●	13	44	43	12	0.08 0.19
<b>LowE</b>							
88-2061E A		● ●	13	68	19	12	- 0.12
88-2061E B		● ●	13	68	19	12	- 0.11
<b>Proof</b>							
W88-1103		●	19	66	15	19	
W88-2047		●	4	10	86	4	
W88-2171		●	9	45	46	8	
W88-8102		●	20	70	10	21	
W88-8861		●	16	62	22	12	

<b>TS</b>	Solar Transmission in %
<b>RS</b>	Solar Reflection in %
<b>AS</b>	Solar Absorption in %
<b>TS + RS + AS</b>	= 100% incident energy
<b>TV n-h</b>	Normal-hemispherical visible light transmission in %
<b>A</b>	Aluminium face exposed to sun
<b>B</b>	Colored face exposed to sun
<b>g<sub>tot,e</sub></b>	External Solar Factor
<b>g<sub>tot,i</sub></b>	Internal Solar Factor

\* ISO 52022-3 detailed method  
Takes into account the transmission and reflection spectral values of the glazing/blind combination to calculate the g<sub>tot</sub> solar factor.  
D type glazing: insulating double glazing with 2-side low emissivity (4 + 16 + 4; Argon filled) g = 0.32 - U = 1.1.

## Translucide coating

Thanks to a translucent coating applied directly during the production process, Soltis 88 Proof is 100% waterproof throughout its life. The coating avoids any risk of delamination and provides excellent UV resistance.



Soltis 88 Proof

# Soltis 88

Color	Alu	LowE	Proof
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## Technical properties

Openness factor	8%	8%	0%
Weight EN ISO 2286-2	360 g/m <sup>2</sup> • 10.6 oz/sq. yd	360 g/m <sup>2</sup> • 10.6 oz/sq. yd	490 g/m <sup>2</sup> • 14.5 oz/sq. yd
Thickness	0.45 mm • 450 microns	0.45 mm • 450 microns	0.43 mm • 430 microns
Width	177 cm - 267 cm • 69.7 in - 105.1 in	177 cm - 267 cm • 69.7 in - 105.1 in	267 cm • 105.1 in

## Roll length

In 177 cm • 69.7 in width	50 lm • 54.68 yd	50 lm • 54.68 yd	—
In 267 cm • 105.1 in width	40 lm • 43.74 yd	40 lm • 43.74 yd	40 lm • 43.74 yd

## Physical properties

Tensile strength (warp/weft) EN ISO 1421	140/145 daN/5 cm 315/326 lbs/2 in	140/145 daN/5 cm 315/326 lbs/2 in	140/140 daN/5 cm 315/315 lbs/2 in
Tear strength (warp/weft) DIN 53.363	14/14 daN • 31/31 lbs	14/14 daN • 31/31 lbs	12/12 daN • 27/27 lbs
Emissivity (LowE)	—	0.45	—
Sealing EN ISO 811			10 000 mm • 393.7 in

## Fire resistance

Rating	<b>M1/NF P 92-507</b> <b>B1/DIN 4102-1</b> <b>M1/UNE 23.727-90</b> <b>Classe 1/EN 13773</b> <b>Classe 1/UNI 9177-87</b> <b>VKF 5.3/SN 198898</b> BS 7837 BS 5867-2 <b>Schwerbrennbar-Q1-Tr1/ONORM A 3800-1</b> <b>Method 1/NFPA 701</b> <b>Method 2/NFPA 701</b> CSFM T19 <b>Class A/ASTM E84</b> CAN ULCS109 <b>AS/NZS 1530.2</b> <b>AS/NZS 1530.3</b> <b>Group 1/AS NZS 3837</b> <b>G1/GOST 30244-94</b>	<b>M1/NF P 92-507</b> <b>B1/DIN 4102-1</b> <b>M1/UNE 23.727-90</b> <b>Classe 1/EN 13773</b> <b>Classe 1/UNI 9177-87</b> <b>VKF 5.3/SN 198898</b> BS 7837 BS 5867 <b>Schwerbrennbar-Q1-Tr1/ONORM A 3800-1</b> <b>Method 1/NFPA 701</b> <b>Method 2/NFPA 701</b> CSFM T19 <b>Class A/ASTM E84</b> CAN ULCS109 <b>AS/NZS 1530.2</b> <b>AS/NZS 1530.3</b> <b>Group 1/AS NZS 3837</b> <b>G1/GOST 30244-94</b>	<b>M2/NF P 92-507</b> <b>B1/DIN 4102-1</b> <b>M2/UNE 23.727-90</b> <b>Classe 1/EN 13773</b> <b>Classe 2/UNI 9177-87</b> <b>Schwerbrennbar-Q1-Tr1/ONORM A3800-1</b> <b>Method 1/NFPA 701</b> <b>Method 2/NFPA 701</b> CSFM T19 <b>Class A/ASTM E84</b> <b>AS/NZS 1530.2</b> <b>AS/NZS 1530.3</b>
Euroclass EN 13501-1	<b>B-s2,d0</b>	<b>B-s2,d0</b>	<b>B-s2,d0</b>

## Management system

Quality: ISO 9001 • Environment: ISO 14001 • Energy: ISO 50001

## Certifications, labels, warranty

Précontraint® Technology 5-year warranty	        
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## Tools and services

No high-frequency welding for LowE version: use of make-up strips recommended (cf. Soltis technical guide)  
**Soltissim**: tool to evaluate energy savings that can be achieved with Soltis solar protection. Contact your Serge Ferrari representative.

<sup>1</sup> Summarizes the group's CSR project focused on human, to align economic performance and positive impact.

The technical data above are average values with a +/-10% tolerance.

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