Serge Ferrari
architecture

Soltis

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 Précontraint technology
- A range of 17 colors.

88 LowE*

acts like a thermal barrier. It helps to preserve indoor temperature in summer by reemiting 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

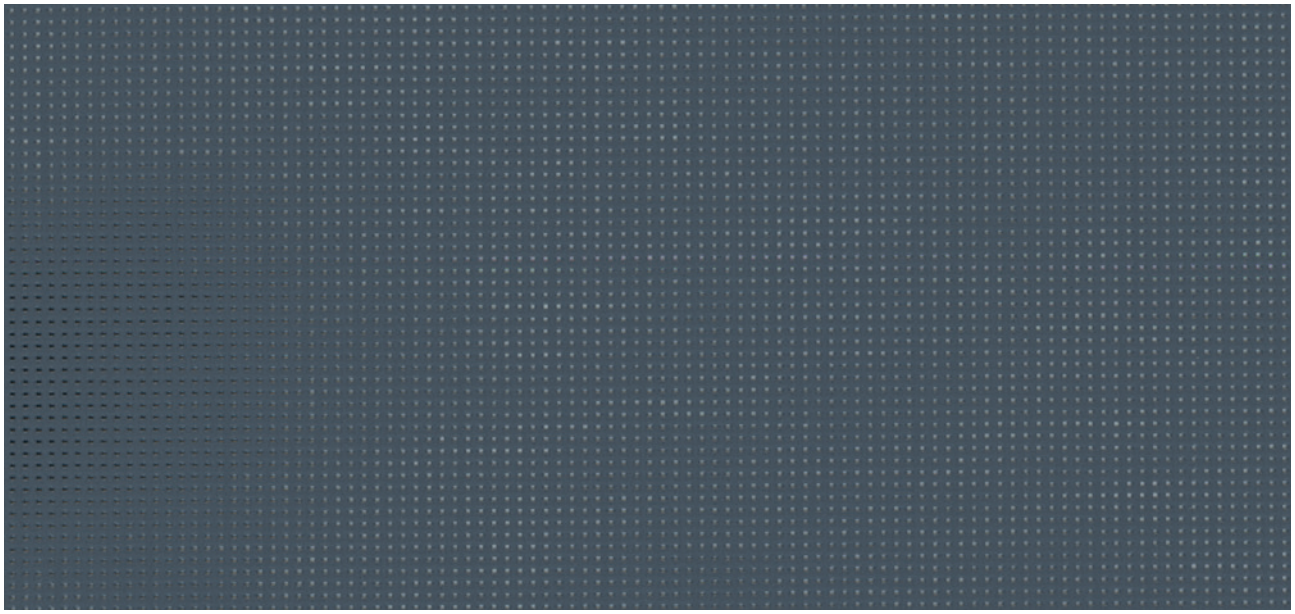
the ideal solution for pergola roofs and velums.

- **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 Précontraint® technology.

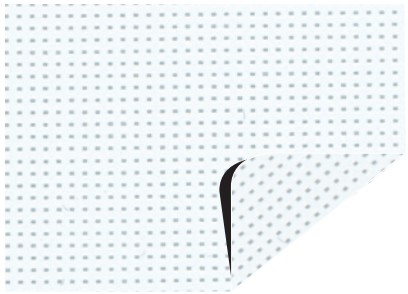
The ideal balance for greater comfort

Soltis 88

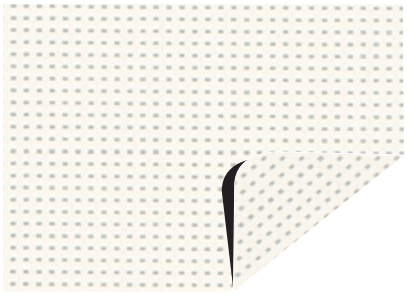
Color



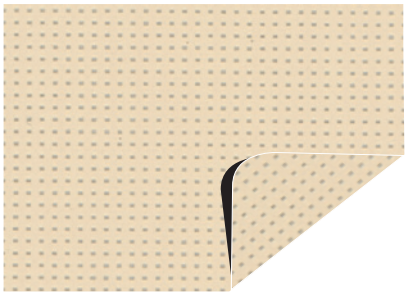
Celestial grey 88-51178



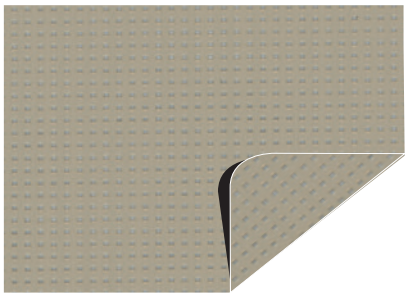
Snow white 88-50690



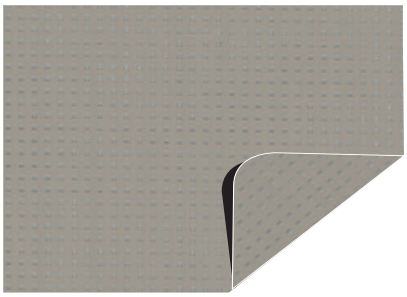
White 88-2044



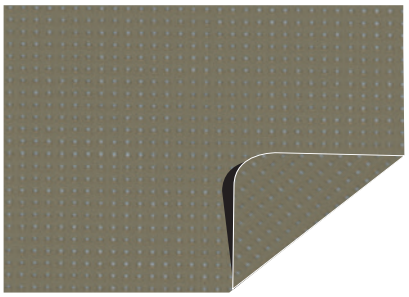
Champagne 88-2175



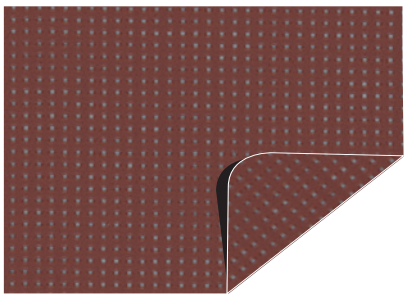
Hemp 88-50265



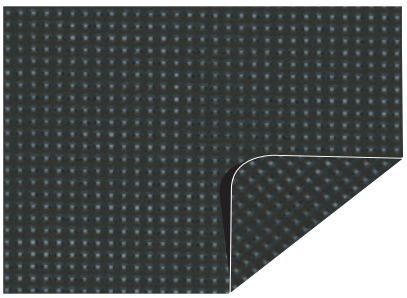
Sandy beige 88-2135



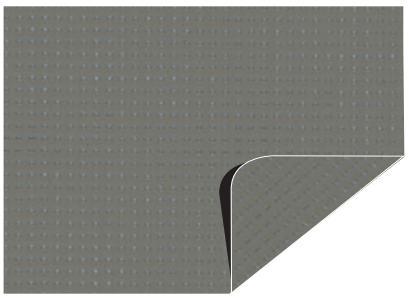
Pepper 88-2012



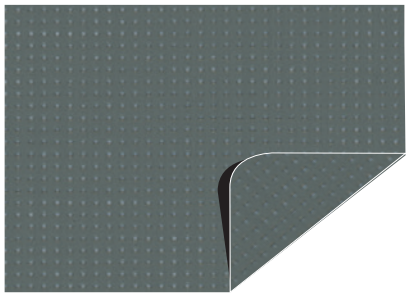
Brick 88-51180



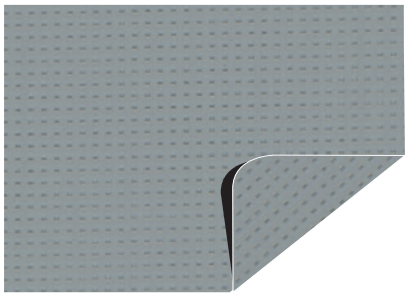
Bronze 88-2043



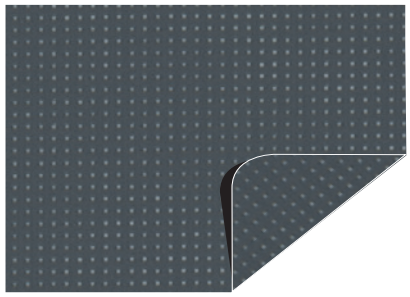
Taupe 88-50850



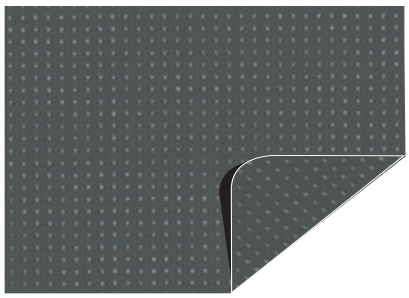
Green grey 88-51179



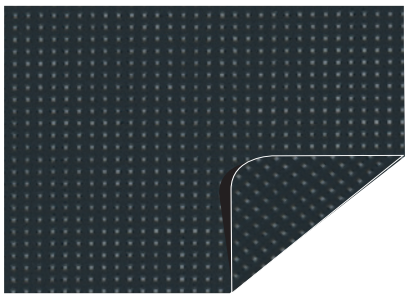
Boulder 88-2171



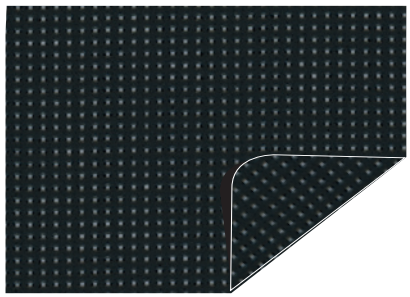
Concrete 88-2167



Dark grey 88-51177

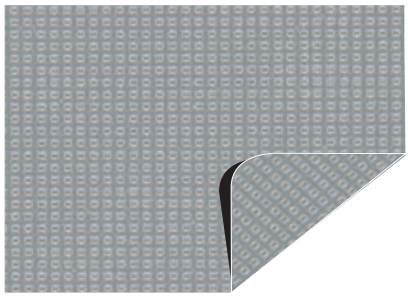


Anthracite 88-2047



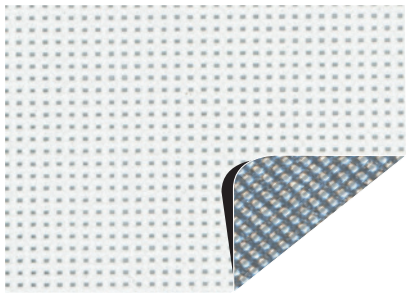
Deep black 88-51176

Alu



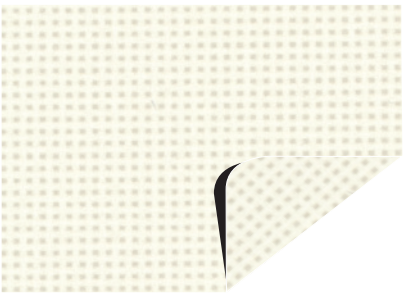
Alu/Alu 88-2048

LowE*

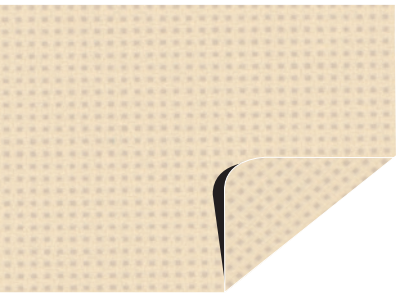


White/LowE 88-2061E

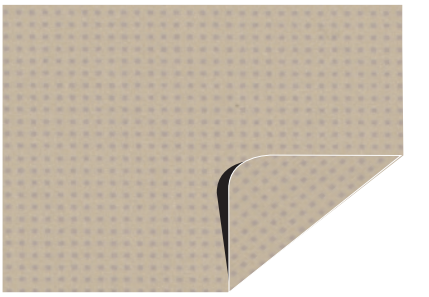
Proof



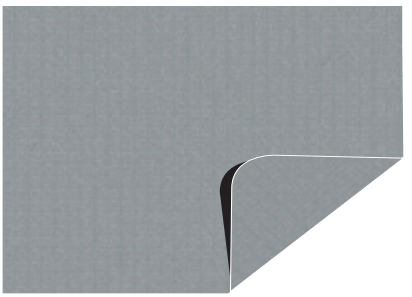
White **W88-8102**



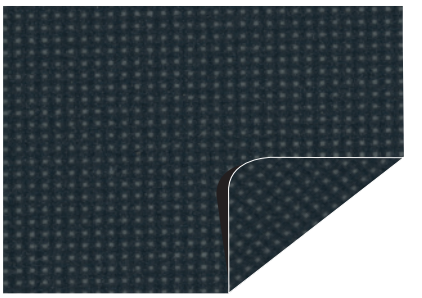
Off-white **W88-1103**



Vanilla **W88-8861**



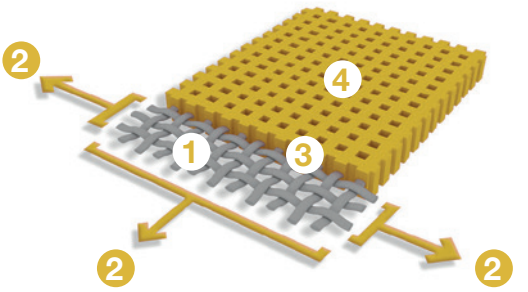
Boulder **W88-2171**



Anthracite **W88-2047**

Exclusive Précontraint® technology

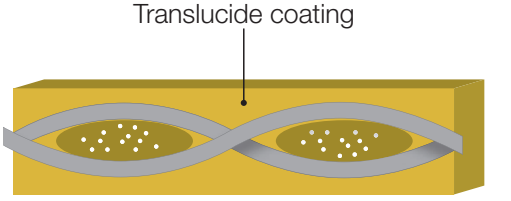
This unique, world-patented technology involves maintaining the composite in bi-axial tension throughout the manufacturing cycle. It ensures our materials' exceptional performance characteristics, which ensure they exceed market standards in terms of long-term stability, strength, coating thickness and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

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

Thermal and light transmission properties

(according to EN 14501)

		Width (cm-in) 177 69.7	Width (cm-in) 267 105.1	TS	RS	AS	TV n-h	$g_{tot}{}^{e*}$	$g_{tot}{}^{i*}$
Color									
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
Alu									
88-2048		•	•	13	44	43	12	0.08	0.19
LowE*									
88-2061E A		•	•	13	68	19	12	0	0.12
88-2061E B		•	•	13	68	19	12	0	0.11
Proof									
W88-1103			•	19	64	17	19	0	0
W88-2047			•	5	10	85	5	0	0
W88-2171			•	9	45	46	8	0	0
W88-8102			•	19	70	11	20	0	0
W88-8861			•	16	60	24	12	0	0

***** Available on request

TS	Solar Transmission in %
RS	Solar Reflection in %
AS	Solar Absorption in %
TS + RS + AS	=100% incident energy
TV n-h	Normal-hemispherical visible light transmission in %
A	Aluminium face exposed to sun
B	Colored face exposed to sun
$g_{tot}{}^{e}$	External Solar Factor
$g_{tot}{}^{i}$	Internal Solar Factor

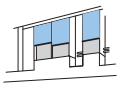
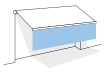
* ISO 52022-3 detailed method	Takes into account the transmission and reflection spectral values of the glazing/blind combination to calculate the g_{tot} solar factor. D type glazing: insulating double glazing with 2-side low emissivity (4 + 16 + 4; Argon filled) g = 0.32 - U = 1.1.

Prescription area

Soltis 88 LowE*

Soltis 88 is also available on request in a LowE* version (88-2061E) in large and small widths (please contact us for details). Our R&D team is at your disposal to study your needs for specific projects (special colors).

Main applications

	Color	Alu	LowE*	Proof
Exterior solar protection & Terrace				
 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	✓	✓		
Interior solar protection				
Roller blinds	✓	✓	✓	
Panel tracks	✓	✓	✓	

* Available on request

Carry on the experience with our fabric configurator!

Scan this QR code

Soltis 88

	Color	Alu	LowE*	Proof
Technical properties				
Openness factor	8%		8%	0%
Weight EN ISO 2286-2	360 g/m² • 10.6 oz/sq. yd		360 g/m² • 10.6 oz/sq. yd	520 g/m² • 15.3 oz/sq. yd
Thickness	0.45 mm • 450 microns		0.45 mm • 450 microns	0.50 mm • 500 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
Environmental properties				
Carbon impact EN 15804 + A1	2.07 kg CO_2 eq/m²			3.08 kg CO_2 eq/m²
Fire resistance				
Rating	**B1**/DIN 4102-1 **M1**/UNE 23 727-90 **Class 1**/EN 13773 **Class 1**/UNI 9177 **VKF 5.3**/SN 198898 BS 7837 BS 5867-2 Type B **Schwerbrennbar-Q1-Tr1**/ONORM A 3800-1 NFPA 701 Method 1 & 2 CSFM T19 **Class A**/ASTM E84 CAN ULC S109 AS/NZS 1530.2 & 3 **Group 1**/AS/NZS 3837 **G1**/GOST 30244-94		**B1**/DIN 4102-1 **M1**/UNE 23 727-90 **Class 1**/EN 13773 **Class 1**/UNI 9177 **VKF 5.3**/SN 198898 BS 7837 BS 5867-2 Type B **Schwerbrennbar-Q1-Tr1**/ONORM A 3800-1 NFPA 701 Method 1 & 2 CSFM T19 **Class A**/ASTM E84 CAN ULC S109 AS/NZS 1530.2 & 3 **Group 1**/AS/NZS 3837 **G1**/GOST 30244-94	**M2**/NF P 92-507 **B1**/DIN 4102-1 **M2**/UNE 23 727-90 **Class 1**/EN 13773 **Class 2**/UNI 9177 **Schwerbrennbar-Q1-Tr1**/ONORM A3800-1 NFPA 701 Method 1 & 2 CSFM T19 **Class A**/ASTM E84 AS/NZS 1530.2 & 3
Euroclass EN 13501-1	**B-s2,d0**		**B-s2,d0**	**B-s2,d0**
Management system				
	Quality: ISO 9001 • **Environment**: ISO 14001 • **Energy**: ISO 50001			
Certifications, labels, warranty				

Précontraint® Technology

5-year warranty

[1]

Tools and services

*Soltis 88 LowE: Available on request - 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.

[1] 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.

The global warming value has been validated by the Bureau Veritas certification company.

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Serge Ferrari group

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