

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 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 Précontraint® technology.



**The ideal balance
for greater comfort**

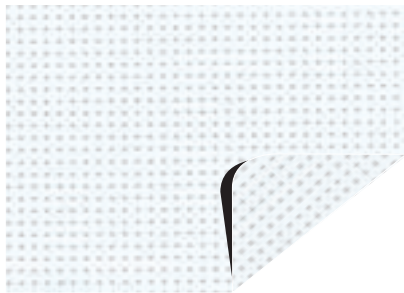
Soltis 88

Color



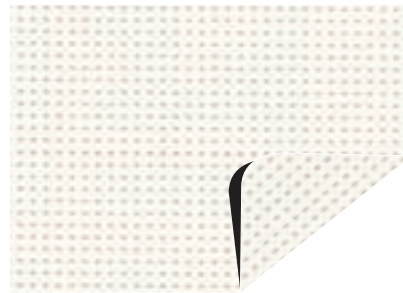
Celestial grey

88-51178



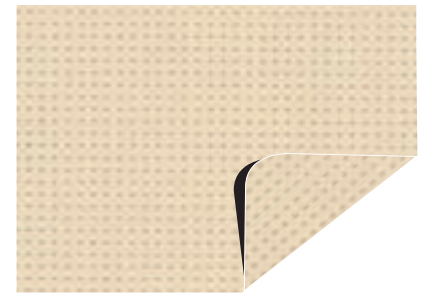
Snow white

88-50690



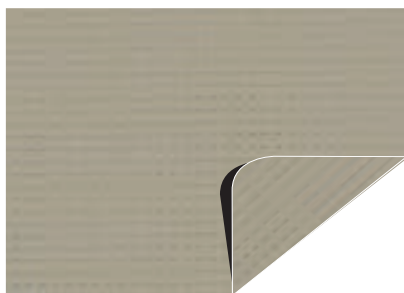
White

88-2044



Champagne

88-2175



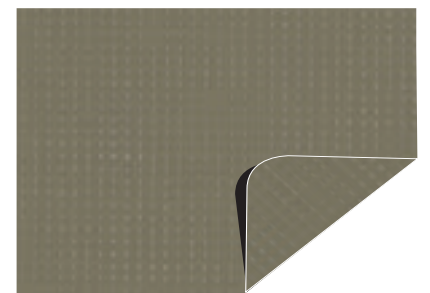
Hemp

88-50265



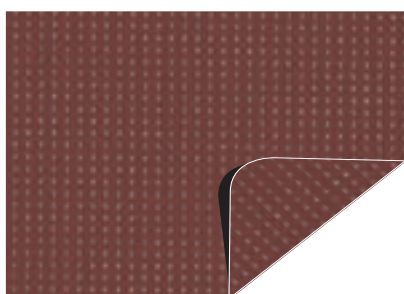
Sandy beige

88-2135



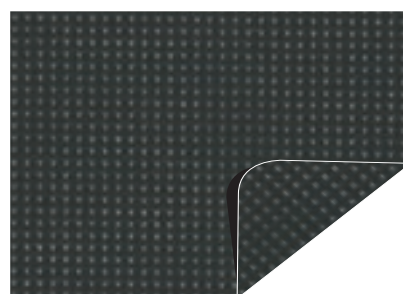
Pepper

88-2012



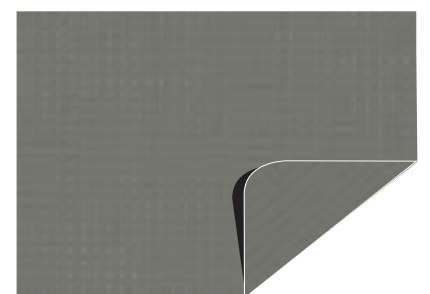
Brick

88-51180



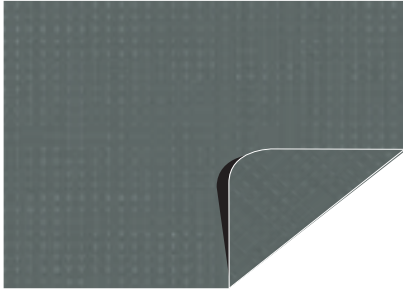
Bronze

88-2043



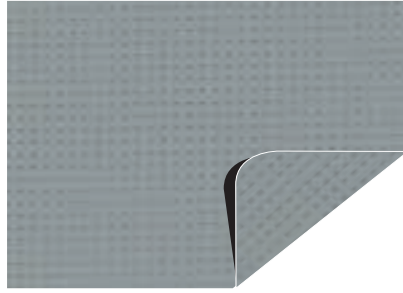
Taupe

88-50850



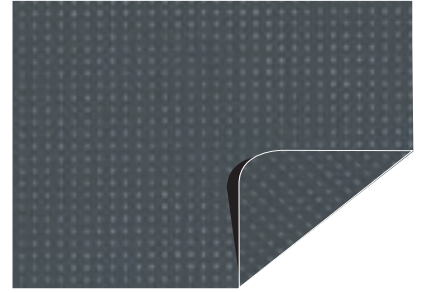
Green grey

88-51179



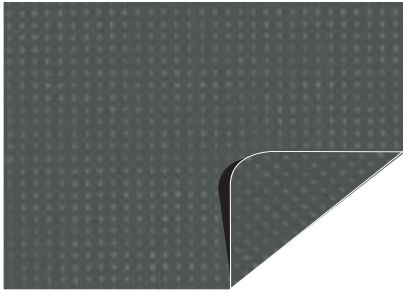
Boulder

88-2171



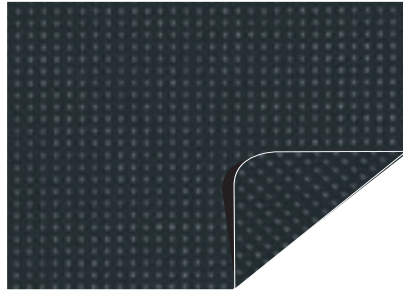
Concrete

88-2167



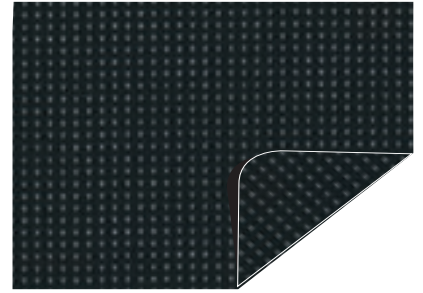
Dark grey

88-51177



Anthracite

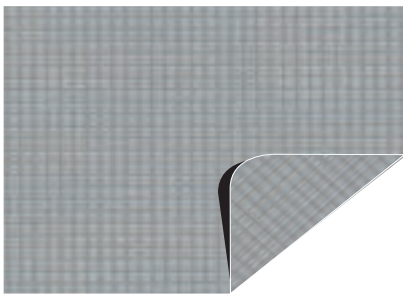
88-2047



Deep black

88-51176

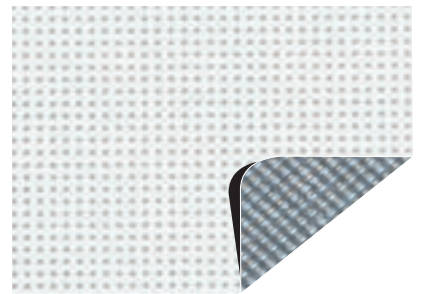
Alu _____



Alu/Alu

88-2048

LowE* _____



White/LowE

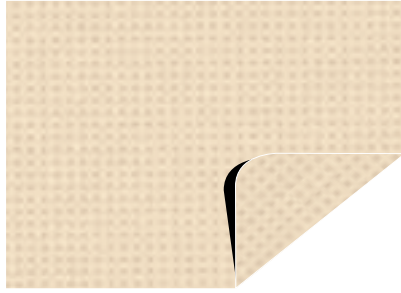
88-2061E

Proof



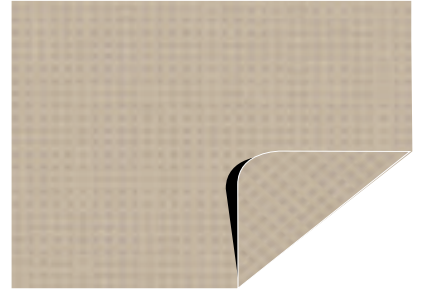
White

W88-8102



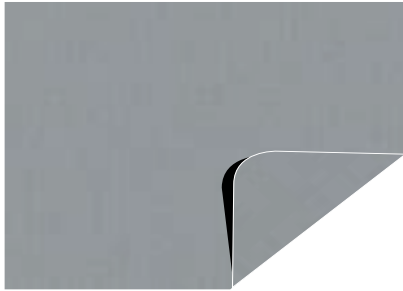
Off-white

W88-1103



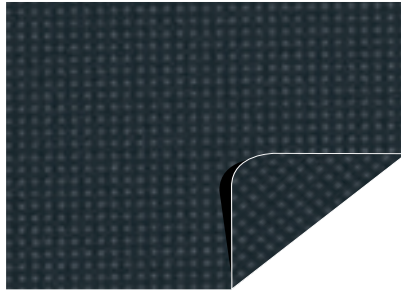
Vanilla

W88-8861



Boulder

W88-2171

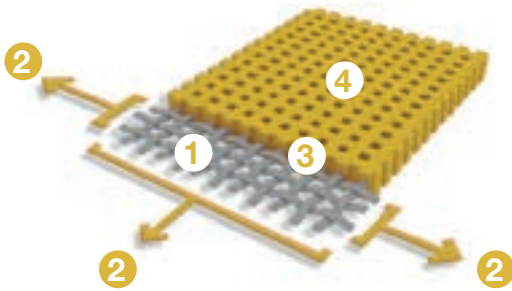


Anthracite

W88-2047

Exclusive Précontraint® technology

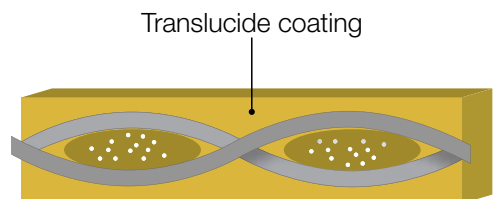
This unique, world-patented technology involves maintaining the composite in bi-axial tension throughout the manufacturing cycle. It ensures our materials' exceptional performance characteristics, which ensure they exceed market standards in terms of long-term stability, strength, coating thickness and 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)		TS	RS	AS	TV n-h	g _{tot} ^{o*}	g _{tot} ^{i*}
	177 69.7	267 105.1						
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}^o	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
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Technical properties

Openness factor	8%	8%	0%
Weight EN ISO 2286-2	360 g/m ² • 10.6 oz/sq. yd	360 g/m ² • 10.6 oz/sq. yd	520 g/m ² • 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/m ²	3.08 kg CO ₂ eq/m ²
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
Fire resistance

Rating	M1/NF P 92-507 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	M1/NF P 92-507 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								
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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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The colors and textures presented are included for information only.