Serge Ferrari

Soltis
Master 99 & BV99

Optimized light control

Serge Ferrari | **Soltis**
Master 99 & BV99

Interior applications
Roller shades, vertical shades, skylight shades and sliding panel shades

Combatting glare

The aluminum side offers maximum visual comfort to people working on computers through
— uniform light diffusion
— natural light preserved without glare.

Optimizing comfort

— Soltis Master 99's white side meets both visual and thermal comfort requirements
— Its dark side provides excellent outward visibility
— Its highly reflective white side protects users from heat.

The importance of design

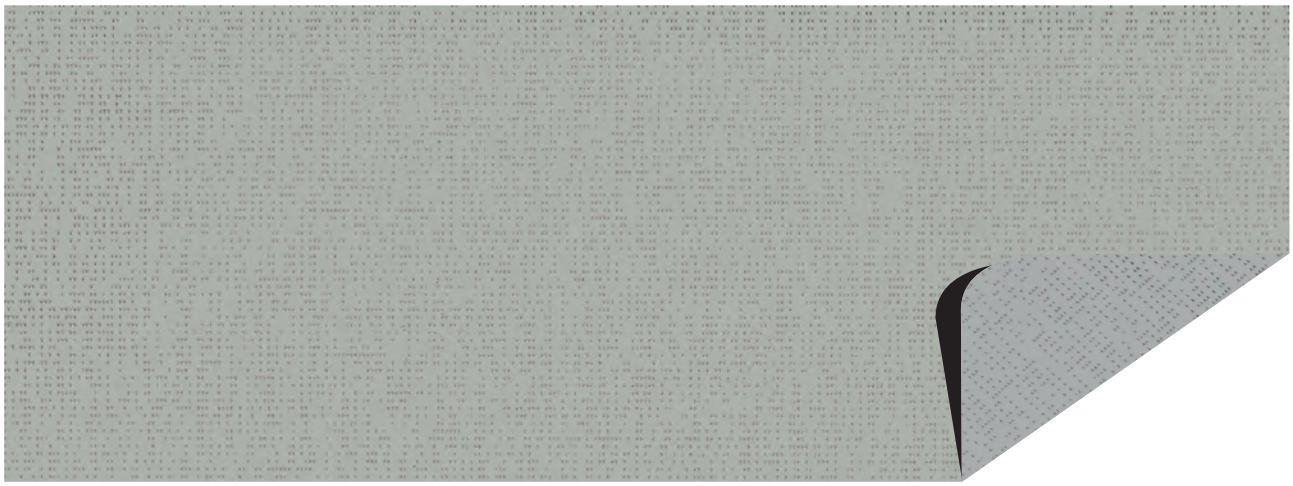
Soltis Master 99 is also available with both sides in the same color for a look that seamlessly integrates into environments where design and simplicity are paramount.

Performance dedicated to comfort and design

Serge Ferrari | **Soltis**
Master 99 & BV99

The colors and textures represented in this document are provided as a reference only.

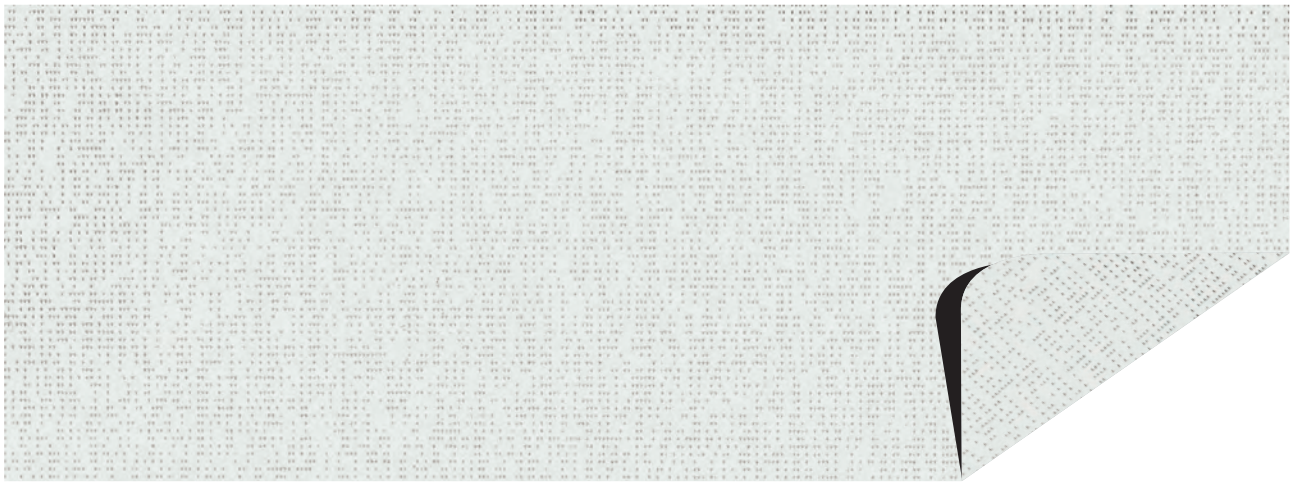
Color / Alu



Light grey 177 cm — 267 cm

99-2058

Color / Color



Spume 177 cm — 267 cm

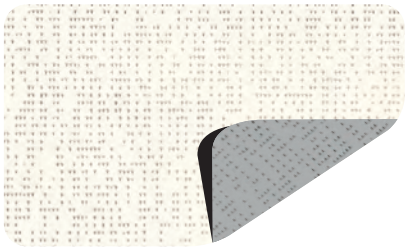
99-50301

Color / White

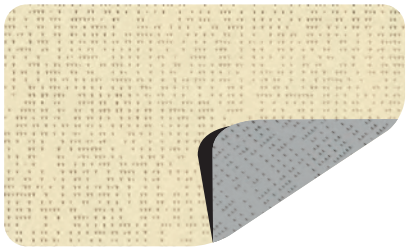
Black 177 cm

99-2115

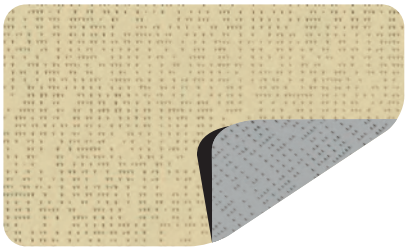
Color / Alu



White 177 cm — 267 cm 99-2055

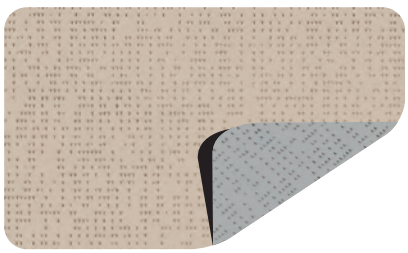


Quartz 177 cm — 267 cm 99-50285

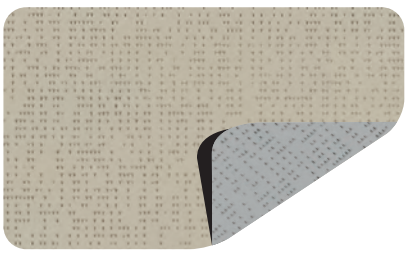


Hemp 177 cm 99-50287

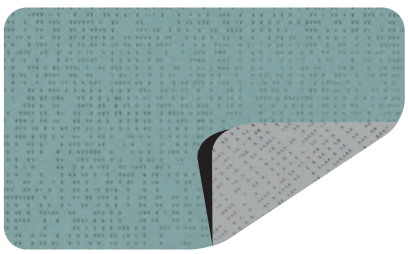
Spume 177 cm 99-50284



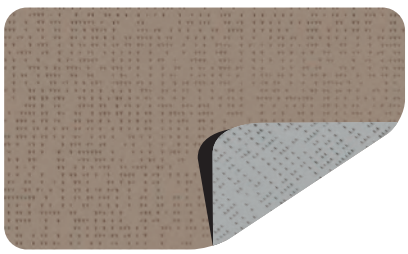
Sandy beige 177 cm — 267 cm 99-50286



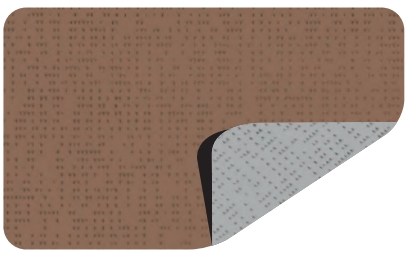
Clay 177 cm 99-50288



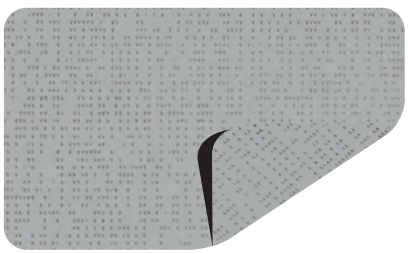
Fjord 177 cm 99-50299



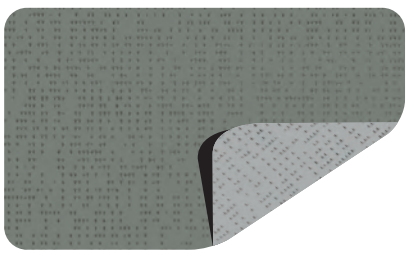
Ash-brown 177 cm 99-50289



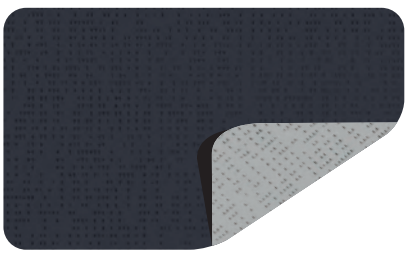
Chestnut 177 cm 99-50290



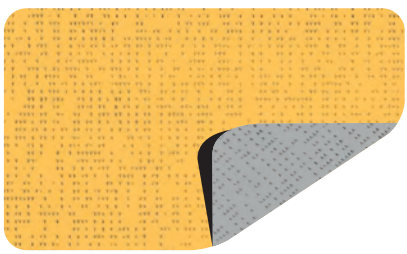
Alu 177 cm — 267 cm 99-2059



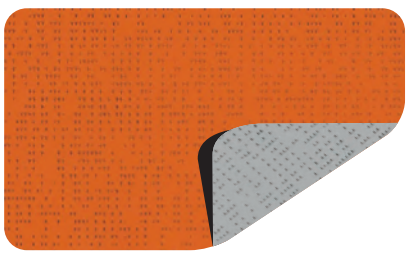
Medium grey 177 cm 99-2073



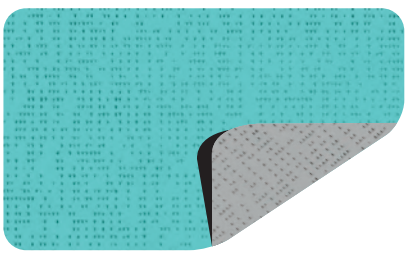
Anthracite 177 cm — 267 cm 99-2068



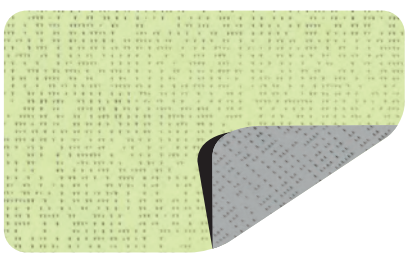
Apricot 177 cm 99-50292



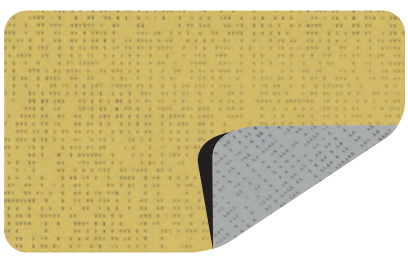
Paprika 177 cm 99-50293



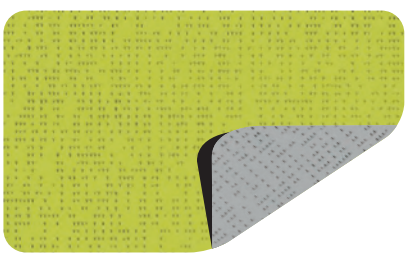
Bermuda 177 cm 99-50300



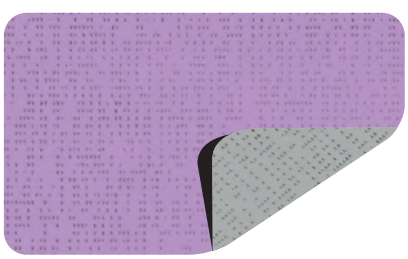
Lotus 177 cm 99-50294



Zenith 177 cm 99-50291



Bamboo 177 cm 99-50295



Lilac 177 cm 99-50296

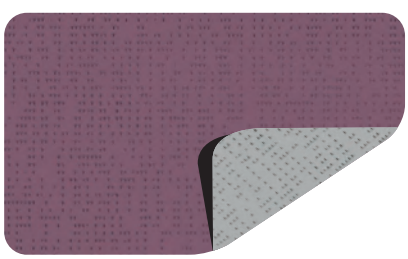
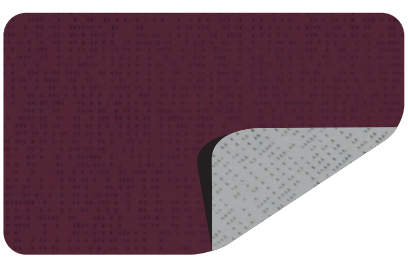


Fig 177 cm 99-50297



Plum 177 cm 99-50298

Color / Color

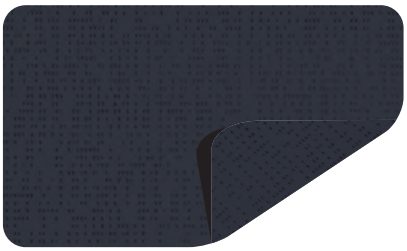
White 177 cm — 267 cm 99-2044

Quartz 177 cm — 267 cm 99-50303

Hemp 177 cm 99-50265

Light grey 177 cm 99-2011

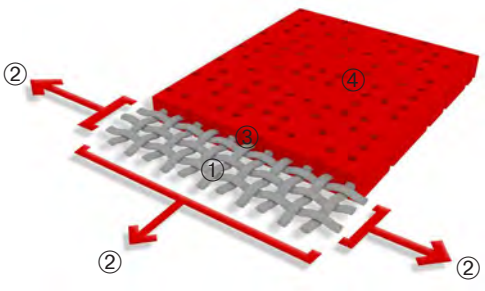
Clay 177 cm 99-50305



Anthracite 177 cm 99-2047

Exclusive Précontraint® technology

Patented worldwide, the Précontraint® technology by Serge Ferrari involves keeping the composite under tension throughout the manufacturing cycle. It gives our materials exceptional performance that enable them to surpass market standards in terms of dimensional stability, mechanical strength, coating thickness and flatness.



High-tenacity polyester micro-yarn base cloth	①	Superior elongation and tear resistance
A coating with fabrics under bi-axial constant tension in both warp and weft directions	②	No deformation during processing and use
Greater coating at the top of the yarns and a dirt resistant surface treatment	③	Superior aesthetic and mechanical durability
Exceptional flatness and thinness	④	Smooth finish easy to clean, space saving, easy rolling

Solar and light properties (EN 14501)

		Width (cm) 177	Width (cm) 267	TS	RS	AS	TV n-h	EN 13363-1* Type "C" glazing g_{tot}^{i}	EN 13363-2** Type "D" glazing g_{tot}^{i}
99-2055 A		•	•	14	47	39	13	0.42	0.18
99-2055 B		•	•	14	63	23	13	0.37	0.12
99-2058 A		•	•	8	44	48	6	0.43	0.19
99-2058 B		•	•	8	43	49	6	0.43	0.19
99-2059 A/B		•	•	6	43	51	5	0.43	0.19
99-2068 A		•	•	3	33	64	3	0.46	0.22
99-2068 B		•	•	3	8	89	3	0.54	0.28
99-2073 A		•		4	39	57	3	0.44	0.20
99-2073 B		•		4	25	71	3	0.49	0.24
99-50284 A		•		12	47	41	9	0.42	0.18
99-50284 B		•		12	60	28	9	0.37	0.14
99-50285 A		•	•	11	47	42	9	0.42	0.18
99-50285 B		•	•	11	60	29	9	0.37	0.15
99-50286 A		•	•	10	43	47	7	0.43	0.19
99-50286 B		•	•	10	44	46	7	0.43	0.19
99-50287 A		•		8	45	47	6	0.42	0.19
99-50287 B		•		8	47	45	6	0.42	0.19
99-50288 A		•		6	44	50	5	0.43	0.19
99-50288 B		•		6	39	55	5	0.44	0.21
99-50289 A		•		6	42	52	4	0.43	0.19
99-50289 B		•		6	30	64	4	0.47	0.23
99-50290 A		•		5	40	55	4	0.44	0.25
99-50290 B		•		5	25	70	4	0.49	0.25
99-50291 A		•		10	45	45	9	0.42	0.19
99-50291 B		•		10	49	41	9	0.41	0.19
99-50292 A		•		12	44	44	10	0.43	0.19
99-50292 B		•		12	51	37	10	0.40	0.19
99-50293 A		•		8	43	49	5	0.43	0.19
99-50293 B		•		8	36	56	5	0.45	0.24
99-50294 A		•		12	45	43	10	0.42	0.19
99-50294 B		•		12	52	36	10	0.40	0.18
99-50295 A		•		8	42	50	6	0.43	0.19
99-50295 B		•		8	36	56	6	0.45	0.23
99-50296 A		•		7	45	48	4	0.42	0.18
99-50296 B		•		7	47	46	4	0.42	0.19
99-50297 A		•		5	42	53	4	0.43	0.20
99-50297 B		•		5	20	75	4	0.50	0.26
99-50298 A		•		6	40	54	4	0.44	0.20
99-50298 B		•		6	17	77	4	0.51	0.28
99-50299 A		•		7	44	49	5	0.43	0.18
99-50299 B		•		7	48	45	5	0.41	0.18
99-50300 A		•		6	44	50	5	0.43	0.19
99-50300 B		•		6	39	55	5	0.44	0.21

Color / Color

99-2011		•		12	44	44	8	0.43	0.19
99-2044		•	•	23	66	11	21	0.36	0.12
99-2047		•		3	8	89	3	0.54	0.28
99-50265		•		15	47	38	11	0.42	0.19
99-50301		•	•	20	61	19	15	0.37	0.14
99-50303		•	•	21	59	20	15	0.38	0.16
99-50305		•		10	38	52	6	0.45	0.21

Color / White

99-2115 A*		•		8	62	30	7	0.37	0.12
99-2115 B*		•		8	10	82	7	0.54	0.28

TS: Solar Transmission (%)
RS: Solar Reflection (%)
AS: Solar Absorption (%)
TS + RS + AS = 100% of incident energy
TV n-h: Normal-hemispherical visible light transmission (%)

A: Aluminium face exposed to the sun
B: Colored face exposed to the sun
A*: White face exposed to the sun
B*: Black face exposed to the sun
g_{tot}^{i}: Internal solar factor

*Simplified method EN 13363-1

The transmission and reflection values above are based on the integrated values of the glass combined with the screen. These are used to calculate the g_{tot} value. Type "C" glazing is double glazing and insulated with low emissivity in position 3 (4 + 16 + 4; Argon-filled) g = 0.59 - U = 1.2.

**Detailed method EN 13363-2

The transmission and reflection values above are based on the integrated values of the glass combined with the screen. These are used to calculate the g_{tot} value. Type "D" glazing is double glazing and insulated with low emissivity in position 2 (4 + 16 + 4; Argon-filled) g = 0.32 - U = 1.1.

Matching Colors

	Soltis Master 99 Color/Alu	Soltis Master 99 Color/White	Soltis Master 99 Color/Color	Soltis Opaque B99
White				
Spume				
Light grey				
Medium grey				
Anthracite				
Black				
Alu				
Quartz				
Hemp				
Sandy beige				
Clay				
Ash-brown				
Chestnut				
Zenith				
Apricot				
Paprika				
Lotus				
Lilac				
Fig				
Plum				
Bamboo				
Bermuda				
Fjord				

Soltis
Master 99 & BV99

	Soltis Master 99	Soltis Master BV99	
	Technical properties		**Standards**
Openness factor	3%	3%	
Weight	290 g/m² — 8.6 oz/yd²	290 g/m² — 8.6 oz/yd²	EN ISO 2286-2
Thickness	0.32 mm — 320 microns	0.32 mm — 320 microns	
Width	177 cm - 267 cm — 69.7 in. - 105.1 in.	126 mm — 49.6 in.*	
	Length of rolls		
Standard format length in 177 cm	50 lm — 54.68 yd	50 lm — 54.68 yd	
Standard format length in 267 cm	40 lm — 43.74 yd	-	
	Physical properties		
Tensile strength (warp/weft)	160/170 daN/5 cm	160/170 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	11/13 daN	11/13 daN	DIN 53.363
	Flame retardancy		
Rating	**B1**/DIN 4102-1 — BS 7837 — BS 5867 — **Schwerbrennbar-Q1-Tr1**/ONORM A 3800-1 **M1**/UNE 23.727-90 — **VKF 5.2**/SN 198898 — 1530.3/**AS**/NZS — **G1**/GOST 30244-94 **Classe 1** / UNI 9177-87 — CAN ULCS109 — **Method 1 and 2**/NFPA 701 — CSFM T19 **Class A**/ASTM E84		
Euroclass	**B-s2,d0**		EN 13501-1
	Management systems		
for quality			ISO 9001

Certifications, labels, warranties, recycling

With **S+** Serge Ferrari goes further than the standards...
(consult us for further information)

Tools and services

— EPD and FDES (Health and Environmental Datasheet) available on request
— Personalised service for simulating your project's thermal performance and related Soltis solar protection systems: please contact your Serge Ferrari representative
— Tool for evaluating energy savings generated by Soltis solar protection systems: www.textinergie.org
— Document and photo libraries: www.sergeferrari.com

* Please consult us for special requests.
The above technical data represent average values subject to a +/-5% tolerance.
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The values quoted above represent results of tests performed in compliance with common design practices and are provided for information only to enable customersto make the best use of our products. Our products are subjects to evolutions due to technical progress, we remain entitled to modify the characteristics of our products at any time. The buyer of our products is responsible for checking the validity of the above data.

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Serge Ferrari
lightweight + durable

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