

SOLTIS

99 & BV99



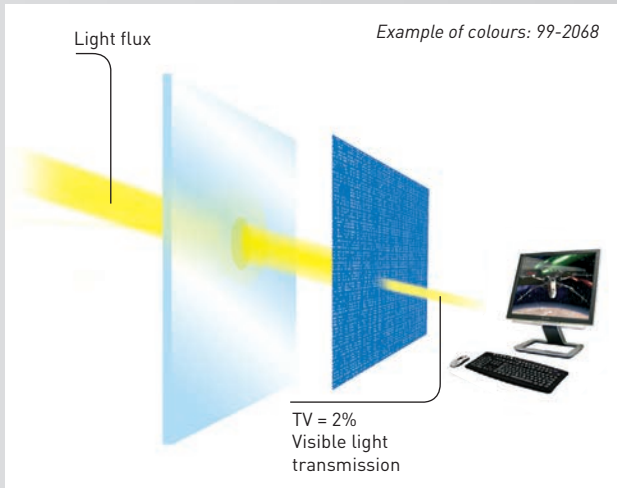
Serge Ferrari 

MAIN FEATURES

- Light and glare control
- Excellent thermal protection
- Space-saving
- Wide range of matching colours
- Lightweight, durable and 100% recyclable

APPLICATIONS

- Indoor blinds
- Vertical blinds
- Interior sunshades for glass roofs



Aluminium backing perfectly controls light flux

Combatting dazzle

Aluminium-backed Soltis 99 offers maximum visual comfort to people working on a computer:

- its metallised side diffuses the light uniformly,
- its cleverly balanced fabric openings
 - > block the light flux,
 - > conserve the natural light.



White back side: combining thermal and visual performance

Optimising comfort

The exclusive white-backed Soltis 99 solution meets both thermal and visual comfort requirements

- Its coloured side guarantees excellent outward visibility.
- Its highly reflective white side protects occupants from heat.



Colour both side version: effective, design and aesthetics

Highlighting design

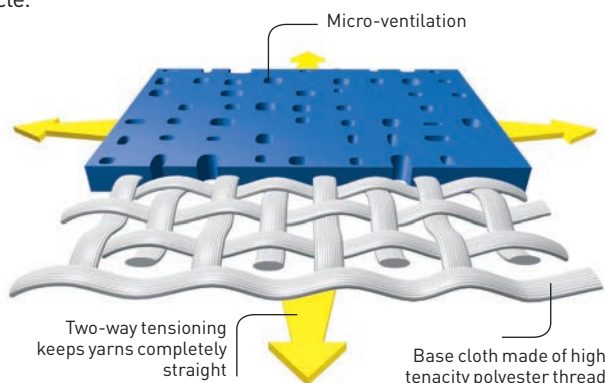
Offered in a 2-coloured side Soltis 99 version:

- filters both heat and light,
- combines with other Serge Ferrari ranges suitable for solar protection or interior design applications,
- ensures perfectly aesthetic integration into its environment.

Exclusive Précontraint Serge Ferrari® technology



Patented worldwide, Précontraint Serge Ferrari® technology involves keeping the composite under tension throughout the manufacturing cycle.



Strength characteristics

- Exceptional dimensional stability
- Long-term strength
- Greater coating thickness at the top of the yarns
- Exceptional flatness

Benefits

- **No material deformation during installation or usage**
- **No elongation, tear resistant**
- **Long-term strength and aesthetic quality**
- **Thinness**
- **Smooth surface, easy upkeep**
- **Compactness, easy rolling**

NF Toiles certification



- The French "NF Toiles" label guarantees that Soltis 99 maintain a high level of quality and homogeneity.
- Certified references meet thermo-optical, strength and durability requirements stipulated for the "NF Toiles" label.
- Certification application pending for new colours (solar and light properties quoted provisionally).

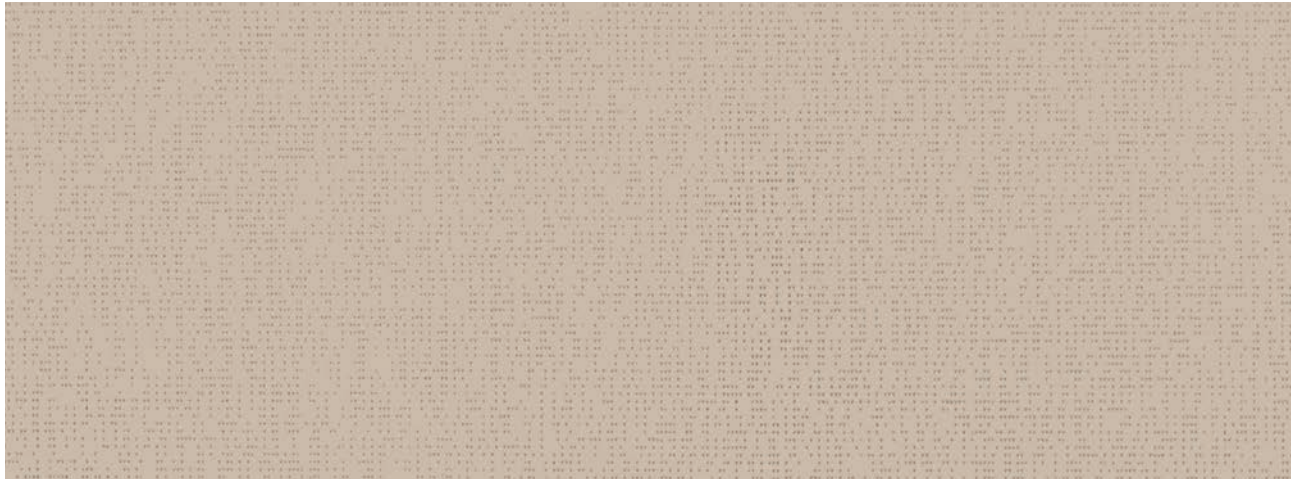
Matching colours **SOLTIS** 99

	Soltis 99 Colour/Alu	Soltis 99 Colour/White	Soltis 99 Colour/Colour	Soltis B99 Dim out
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

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Colour / Alu



Sandy beige

99-50286*

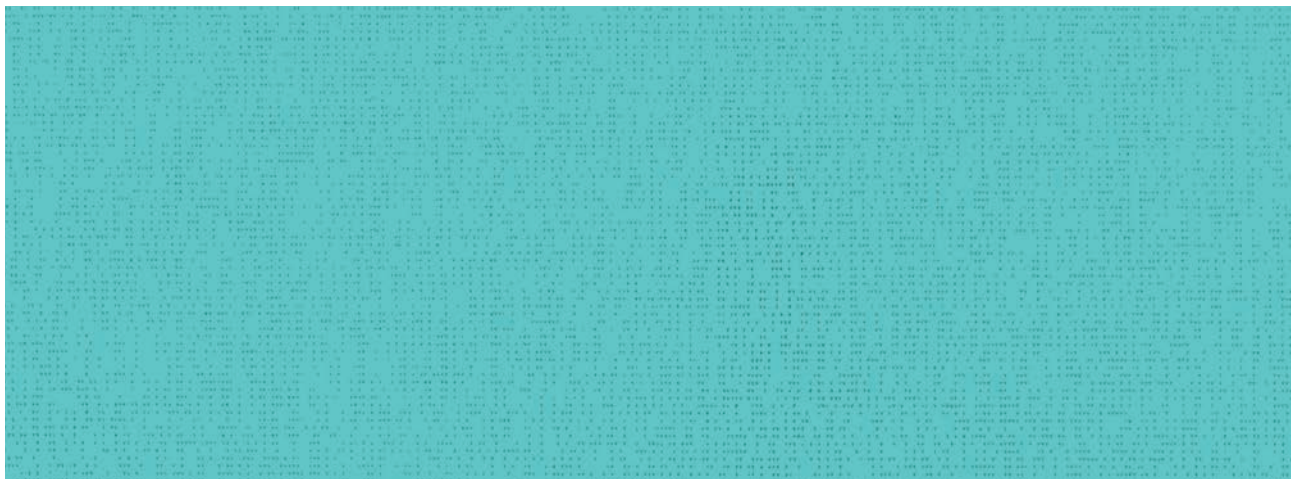
Colour / White



Chestnut

99-50278

Colour / Colour



Bermuda

99-50306

Colour / Alu



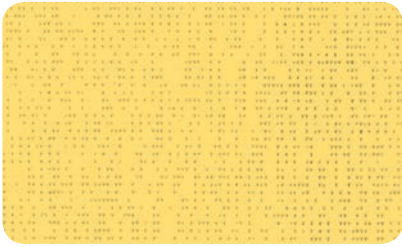
Bermuda 99-50300



Lotus 99-50294



Bamboo 99-50295



Zenith 99-50291



Apricot 99-50292



Paprika 99-50293



Lilac 99-50296



Fig 99-50297



Plum 99-50298



White  99-2055*



Quartz 99-50285*



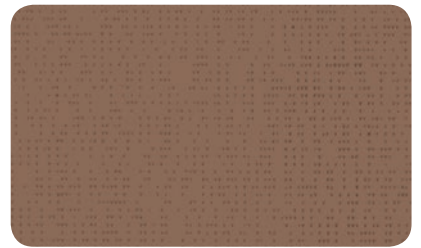
Hemp 99-50287



Clay 99-50288



Ash-brown 99-50289



Chestnut 99-50290



Spume 99-50284



Fjord 99-50299




Alu  99-2059*



Light grey  99-2058*



Medium grey  99-2073



Anthracite  99-2068*

Colour / White



Medium grey

99-50279



Black

99-2115*



Plum

99-50277

Colour / Colour



White

99-2044*



Spume

99-50301*



Fjord

99-50302



Quartz

99-50303*



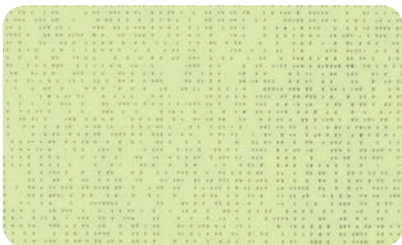
Hemp

99-50265



Clay

99-50305



Lotus


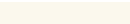







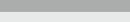





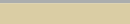












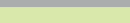












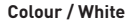









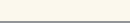
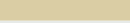







99-50307



Paprika

99-50308

Solar and light properties (EN 14501)

	References		TS	RS	AS	TV n-h	TV n-n	g_{tot}^i
Colour / Alu								
	99-2055	A	13	48	39	12	3	0.41
	99-2055	B	13	65	22	12	3	0.35
	99-2058	A	9	44	47	8	4	0.42
	99-2058	B	9	42	49	8	4	0.43
	99-2059	A/B	5	45	50	5	4	0.42
	99-2068	A	3	36	61	2	2	0.44
	99-2068	B	3	9	88	2	2	0.53
	99-2073	A	4	40	56	3	3	0.43
	99-2073	B	4	25	71	3	3	0.48
	99-50284	A	9	48	43	7	2	0.41
	99-50284	B	9	63	28	7	2	0.36
	99-50285	A	9	47	44	8	3	0.41
	99-50285	B	9	60	31	8	3	0.37
	99-50286	A	6	45	49	5	2	0.41
	99-50286	B	6	46	48	5	2	0.41
	99-50287	A	7	46	47	6	3	0.41
	99-50287	B	7	48	45	6	3	0.41
	99-50288	A	6	44	50	5	3	0.42
	99-50288	B	6	39	55	5	3	0.43
	99-50289	A	6	42	52	5	4	0.43
	99-50289	B	6	30	64	5	4	0.46
	99-50290	A	5	41	54	4	4	0.43
	99-50290	B	5	25	70	4	4	0.48
	99-50291	A	7	47	46	6	2	0.41
	99-50291	B	7	50	43	6	2	0.40
	99-50292	A	11	45	44	9	3	0.42
	99-50292	B	11	52	37	9	3	0.40
	99-50293	A	6	46	48	4	3	0.44
	99-50293	B	6	37	57	4	3	0.44
	99-50294	A	6	47	47	5	2	0.41
	99-50294	B	6	54	40	5	2	0.39
	99-50295	A	8	44	48	6	3	0.42
	99-50295	B	8	36	56	6	3	0.44
	99-50296	A	6	47	47	4	2	0.41
	99-50296	B	6	49	45	4	2	0.40
	99-50297	A	4	42	54	3	3	0.43
	99-50297	B	4	21	75	3	3	0.49
	99-50298	A	7	38	55	4	4	0.44
	99-50298	B	7	17	76	4	4	0.50
	99-50299	A	6	46	48	4	2	0.41
	99-50299	B	6	50	44	4	2	0.40
	99-50300	A	5	48	47	4	3	0.41
	99-50300	B	5	41	54	4	3	0.43
Colour / White								
	99-2115	A*	7	63	30	6	2	0.36
	99-2115	B	7	12	81	6	2	0.52
	99-50277	A*	11	70	19	4	3	0.34
	99-50277	B	11	33	56	4	3	0.46
	99-50278	A*	10	67	23	7	2	0.35
	99-50278	B	10	26	64	7	2	0.48
	99-50279	A*	11	67	22	8	2	0.35
	99-50279	B	11	27	62	8	2	0.47
Colour / Colour								
	99-2044		21	71	8	20	2	0.34
	99-50265		15	48	37	11	4	0.41
	99-50301		20	63	17	15	3	0.36
	99-50302		13	48	39	8	3	0.41
	99-50303		19	62	19	13	2	0.37
	99-50305		9	39	52	6	3	0.43
	99-50306		12	41	47	7	3	0.43
	99-50307		18	56	26	13	2	0.39
	99-50308		15	36	49	6	3	0.45

TS: Solar Transmission (%)
RS: Solar Reflection (%)
AS: Solar Absorption (%)
TS + RS + AS = 100% of incident energy

g_{tot}^i : Internal Solar Factor
 Type "C" glazing: insulating, slightly emissive double glazing in position 3 (4 + 16 + 4; argon-filled) - $g=0.59$ - $U=1.2$.

TV n-h: Normal-hemispherical visible light transmission (%)

TV n-n: Normal-normal visible light transmission (%)

A: Aluminium face exposed to the sun
B: Coloured face exposed to the sun

A*: White face exposed to the sun

Technical properties	Soltis 99	Soltis BV99	Standards
Weight	290 g/m ²	290 g/m ²	EN ISO 2286-2
Thickness	0.32 mm	0.32 mm	
Width	177 cm - 267 cm	126 mm*	
Length of rolls			
Standard format length in 177 cm	50 lm	50 lm	
Standard format length in 267 cm	40 lm	-	
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
Fungistatic treatment	Degree 0, excellent	Degree 0, excellent	EN ISO 846-A
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		
for the Environment	ISO 14001		
Certifications, labels, guarantees, recycling			



* Please consult us for any special request.

The technical data above are average values subject to a +/- 5% tolerance.

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TOOLS AND SERVICES

- ACV 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

→ Contact

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