

SOLTIS

99 & BV99



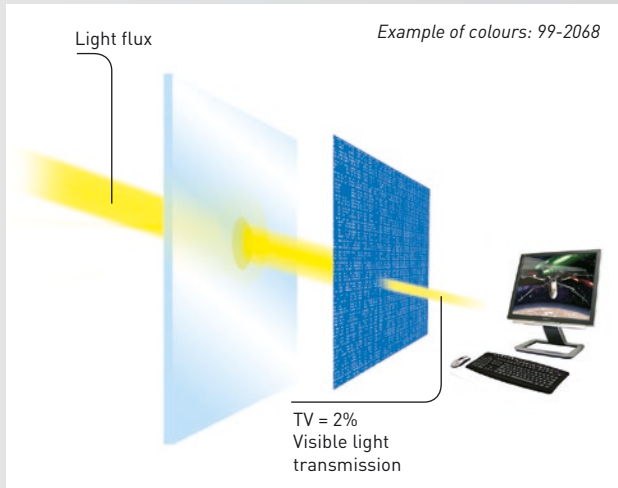
Serge Ferrari 

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.

Colour / Alu



Light grey

↔ ↻ 99-2058

Colour / Colour



Spume

↔ ↻ 99-50301

Colour / White



Black

↔ ↻ 99-2115

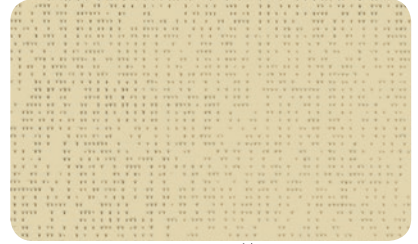
Colour / Alu



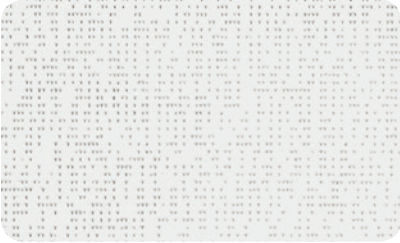
White $\overset{\curvearrowright}{\text{S}}$ $\overset{\curvearrowleft}{\text{L}}$ 99-2055



Quartz $\overset{\curvearrowright}{\text{S}}$ $\overset{\curvearrowleft}{\text{L}}$ 99-50285



Hemp $\overset{\curvearrowright}{\text{S}}$ 99-50287



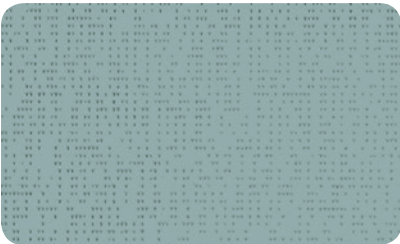
Spume $\overset{\curvearrowright}{\text{S}}$ 99-50284



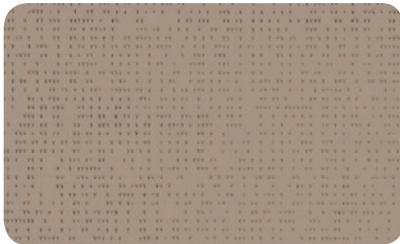
Sandy beige $\overset{\curvearrowright}{\text{S}}$ $\overset{\curvearrowleft}{\text{L}}$ 99-50286



Clay $\overset{\curvearrowright}{\text{S}}$ 99-50288



Fjord $\overset{\curvearrowright}{\text{S}}$ 99-50299



Ash-brown $\overset{\curvearrowright}{\text{S}}$ 99-50289



Chestnut $\overset{\curvearrowright}{\text{S}}$ 99-50290



Alu $\overset{\curvearrowright}{\text{S}}$ $\overset{\curvearrowleft}{\text{L}}$ 99-2059



Medium grey $\overset{\curvearrowright}{\text{S}}$ 99-2073



Anthracite $\overset{\curvearrowright}{\text{S}}$ $\overset{\curvearrowleft}{\text{L}}$ 99-2068



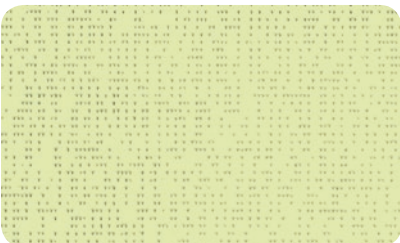
Apricot $\overset{\curvearrowright}{\text{S}}$ 99-50292



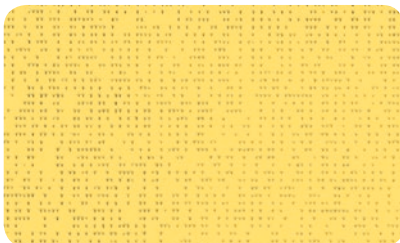
Paprika $\overset{\curvearrowright}{\text{S}}$ 99-50293



Bermuda $\overset{\curvearrowright}{\text{S}}$ 99-50300



Lotus $\overset{\curvearrowright}{\text{S}}$ 99-50294



Zenith $\overset{\curvearrowright}{\text{S}}$ 99-50291



Bamboo $\overset{\curvearrowright}{\text{S}}$ 99-50295



Lilac $\overset{\curvearrowright}{\text{S}}$ 99-50296

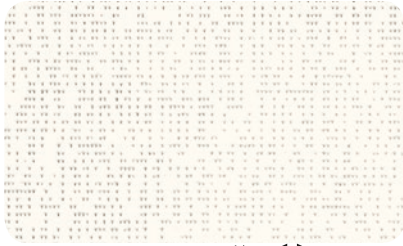


Fig $\overset{\curvearrowright}{\text{S}}$ 99-50297

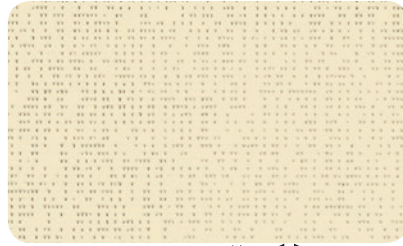


Plum $\overset{\curvearrowright}{\text{S}}$ 99-50298

Colour / Colour



White ↔ ↕ 99-2044



Quartz ↔ ↕ 99-50303



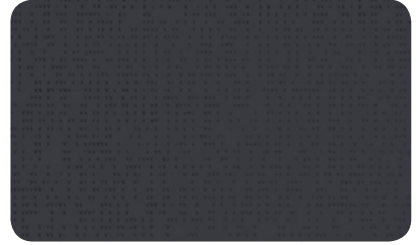
Hemp ↔ 99-50265



Light grey ↔ 99-2011



Clay ↔ 99-50305



Anthracite ↔ 99-2047

↔ Available in 177 cm width

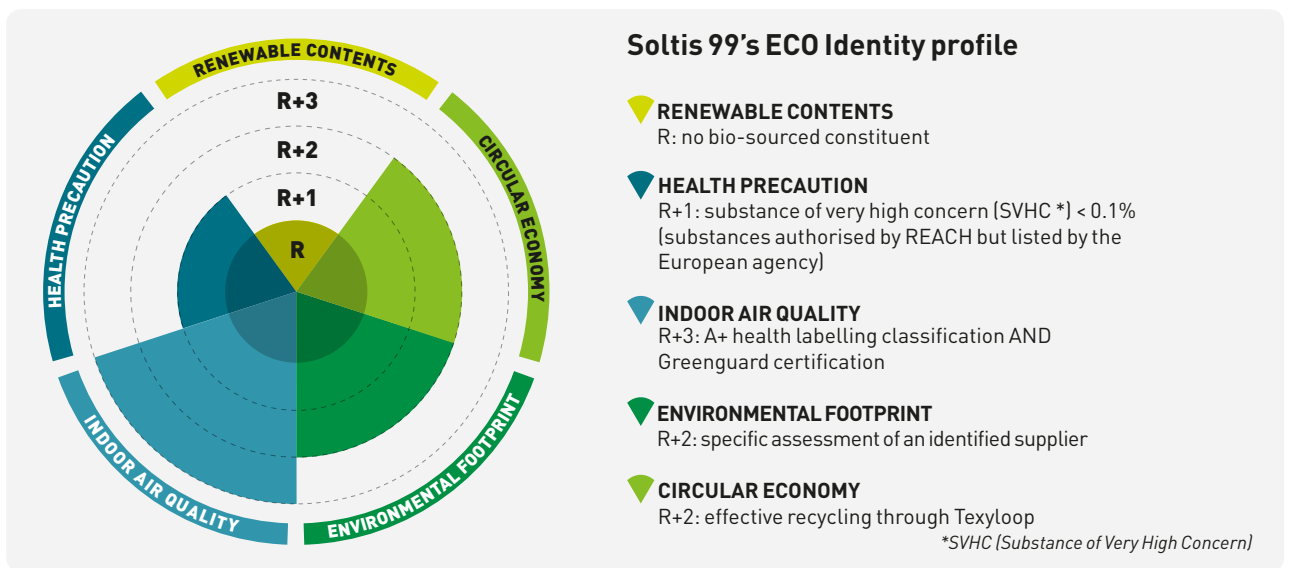
↕ Available in 267 cm width

Soltis 99 screens (3% openness factor) are also available in Soltis 99-1 version (1% openness factor) on request.

ECO IDENTITY, health and environmental performance

Serge Ferrari assesses the health and environmental performance of its composite materials using 5 indicators. Level "R" represents the regulations or the basic offer without regulatory requirements. Higher levels represent voluntary advances that exceed regulations.



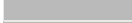



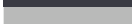


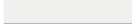






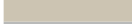

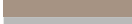




















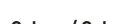
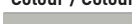


For more information: please ask for details.





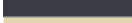

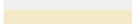


ECO IDENTITY complies with ISO 14021 environmental communication standard:

- exact
- verifiable
- pertinent
- not misleading


Solar and light properties (EN 14501)

	References		TS	RS	AS	TV n-h	TV n-n	g_{tot}^i
Colour / Alu								
	99-2055	A	9	50	41	8	3	0.40
	99-2055	B	9	69	22	8	3	0.34
	99-2058	A	7	47	46	6	3	0.41
	99-2058	B	7	45	48	6	3	0.42
	99-2059	A/B	4	47	49	3	2	0.41
	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	7	44	49	6	2	0.42
	99-50286	B	7	45	48	6	2	0.42
	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	0.41
	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 / Colour

	99-2011		12	44	44	8	3	0.42
	99-2044		21	66	13	21	2	0.36
	99-2047		3	8	89	3	3	0.53
	99-50265		15	48	37	11	4	0.41
	99-50301		20	63	17	15	3	0.36
	99-50303		19	62	19	13	2	0.37
	99-50305		9	39	52	6	3	0.44

Colour / White

	99-2115	A*	7	64	30	7	2	0.36
	99-2115	B	7	10	83	7	2	0.52

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 [%]

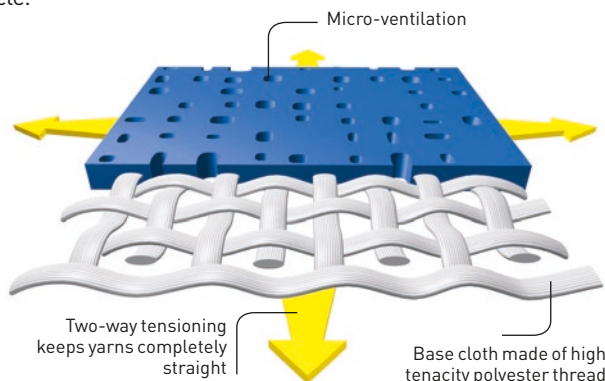
A: Aluminium face exposed to the sun
B: Coloured face exposed to the sun

A*: White face exposed to the sun

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**

* Benefits observed for normal product usage

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				

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
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, guarantees, recycling			



* Please consult us for any special request.

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

The buyer of our products is fully responsible for their application and transformation with respect to any possible third party. The buyer of our products is responsible for their implementation and installation in compliance with standards, codes of practice and safety regulations in force in destination countries. For information on our contractual warranty, please refer to the relevant terms and conditions.

The values quoted above represent results of tests performed in compliance with common design practices and are provided for information only to enable customers to make the best use of our products. Our products are subject to changes based on technical advances and we reserve the right to modify their characteristics at any time. The buyer of our products is responsible for checking the validity of the above data.

TOOLS AND SERVICES

- LCA 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

- Headquarters:
+ 33 (0)4 74 97 41 33
- Your local representative:
www.sergeferrari.com

→ TEXYLOOP®

- The Serge Ferrari operational recycling chain
- Secondary raw materials of high intrinsic value compatible with multiple processes
- A quantified response to combat depletion of natural resources

www.texyloop.com