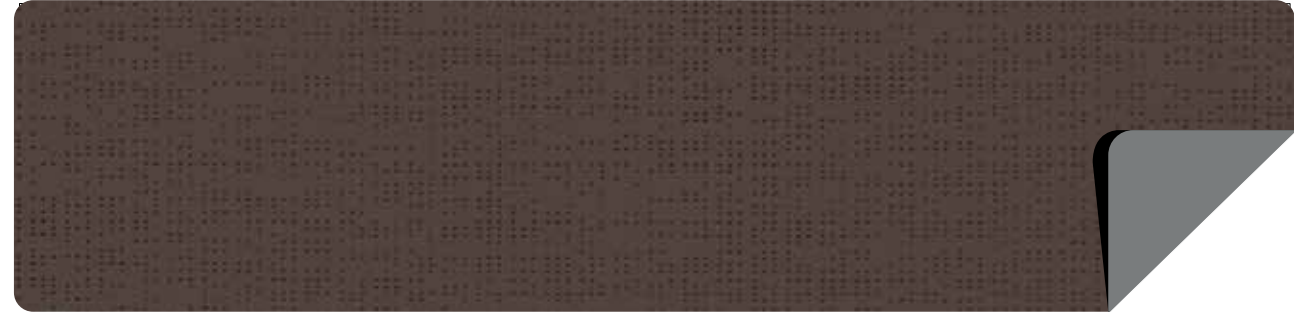
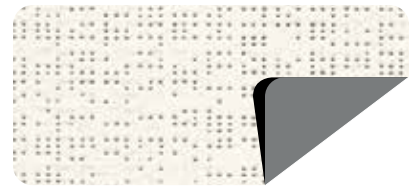


Serge Ferrari Soltis Opaque B92

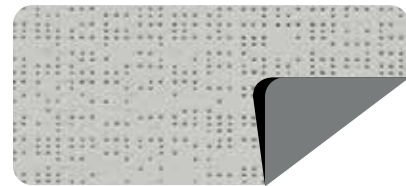
The colors and textures represented in this document are provided as a reference only. Indoor & outdoor applications



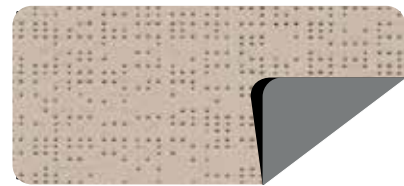
Bronze 66.9 in B92-1043



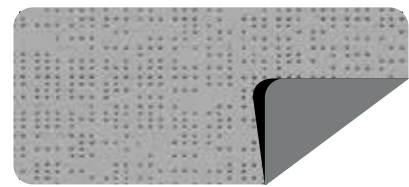
White 66.9 in B92-1044



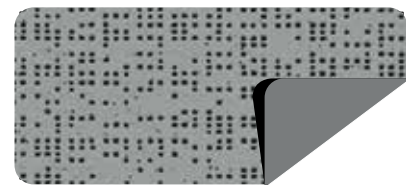
Boulder 66.9 in B92-2171



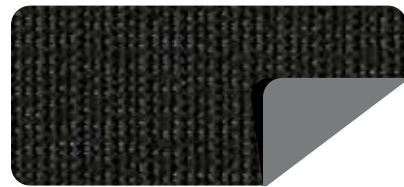
Sandy beige 66.9 in B92-2135



Alu 66.9 in B92-1046



Beaten metal 66.9 in B92-1045



new True black 66.9 in B92-51176

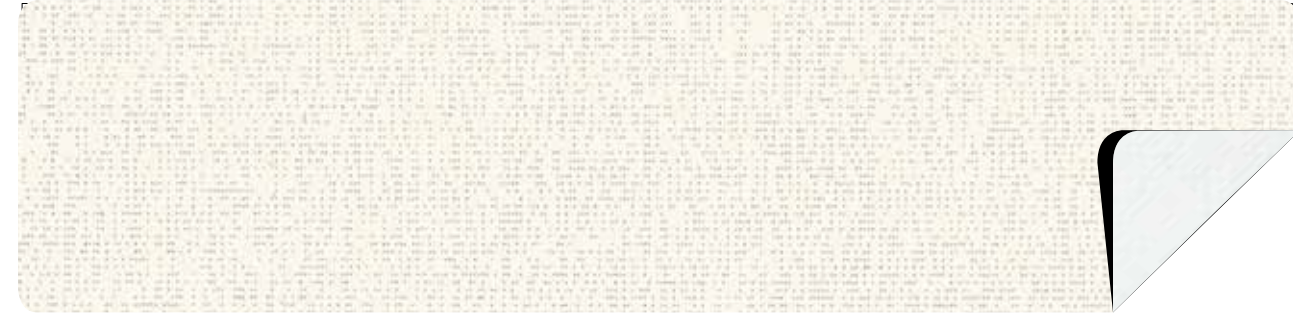
Serge Ferrari Soltis Opaque B702



Black 69.6 in B702-455

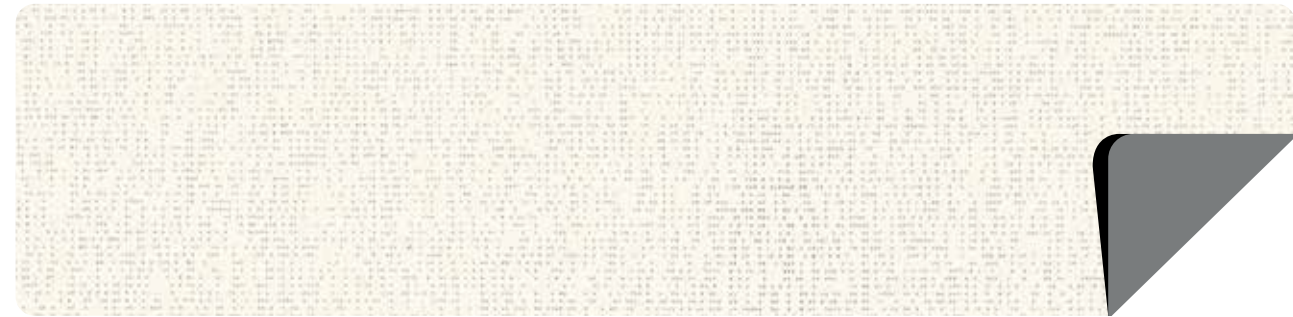
Serge Ferrari Soltis Opaque B990

Indoor applications



White 66.9 in B990-50360

Serge Ferrari Soltis Opaque B99



White 66.9 in B99-50348



Quartz 66.9 in B99-50285



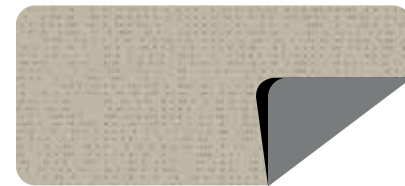
Hemp 66.9 in B99-50287



Spume 66.9 in B99-50284



Light grey 66.9 in B99-50613



Clay 66.9 in B99-50288



Alu 66.9 in B99-50358



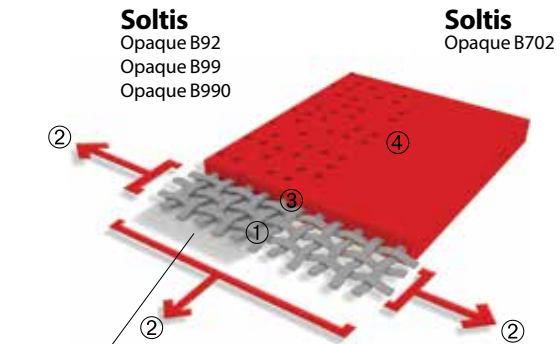
Medium grey 66.9 in B99-50354



Anthracite 66.9 in B99-50614

Exclusive Précontraint® technology

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



Grey screening layer (Soltis Opaque B99 and B92) or white (Soltis Opaque B990)

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
Thicker 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 easy to clean finish, space saving, easy rolling

Solar and light properties (according to EN 14501)

Soltis Opaque B92	RS	AS	EN 13363-2* Glazing D	
			g _{ext} ^e	g _{int} ⁱ
B92-1043	13	87	0.02	0.28
B92-1044	70	30	0.01	0.27
B92-1045	38	62	0.02	0.19
B92-1046	49	51	0.02	0.17
B92-2135	47	53	0.02	0.18
B92-2171	45	55	0.02	0.18
new B92-51176	6	94	0.02	0.28
B92-VERSO	29	71	0.03	0.22

Soltis Opaque B99	RS	AS	EN 13363-2* Glazing D
			g _{ext} ⁱ
B99-50284	62	38	0.13
B99-50285	60	40	0.14
B99-50287	47	53	0.18
B99-50288	40	60	0.2
B99-50348	66	34	0.1
B99-50354	25	75	0.18
B99-50358	45	55	0.22
B99-50613	45	55	0.18
B99-50614	8	92	0.27
B99-VERSO	29	71	0.22

Soltis Opaque B702	RS	AS	EN 13363-2* Glazing D	
			g _{ext} ^e	g _{int} ⁱ
B702-455 A*	72	28	0.01	0.15
B702-455 B*	6	94	0.04	0.29

Soltis Opaque B990	RS	AS	EN 13363-2* Glazing D
			g _{ext} ⁱ
B990-50360 A	66	34	0.11
B990-50360 B	76	24	0.07

RS: Solar Reflection in %
 AS: Solar absorption in %
 A*: White side exposed to the sun
 B*: Black side exposed to the sun
 A: Aluminum side exposed to the sun
 B: Colored side exposed to the sun
 g_{ext}^e: External Solar Factor
 g_{int}ⁱ: Indoor Solar Factor

* Detailed EN 13363-2 method
 Takes into account the spectral values of glazing transmission and reflection + blind complex for calculating the solar factor g_{tot}.
 Type "D" glazing: insulating double glazing with low emissivity on surface 2 (4 + 16 + 4; Argon filling)
 g = 0.32 - U = 1.1

Applications

Indoor shades, facade shades (Soltis Opaque B92 and B702), skylight shades, drop-arm awnings



■ **Choice of darkening level**

A solution suited to your needs:

- Total blackout: Soltis® Opaque B92
 - maximum opacity level above 100,000 lux
 - ideal for the most light-sensitive areas: artwork conservation, radiology, photo labs, etc.
- Darkening: Soltis Opaque B99, B990 and B702
 - black out up to 30,000 lux
 - suitable for theaters, meeting rooms, relaxation rooms and more

■ **High-performance screens**

- Soltis Opaque B92
 - no detectable transmission of visible light, infrared or UV rays
 - resistant to weather damage when used outdoors
- Soltis Opaque B702
 - thermal comfort and darkening: white side reflects heat, black side darkens room
- Soltis Opaque B99 and B990
 - indoor applications only
 - lightweight and thin for easy, discreet integration

■ **Color coordination**

- Colors coordinated with other Soltis ranges
- Popular white/white version: Soltis Opaque B990

Maximum Privacy & Light Control



new Colors Collection

	Soltis Opaque B92	Soltis Opaque B99	Soltis Opaque B990	Soltis Opaque B702	Standards
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■ **Technical properties**

Weight	19.1 oz/yd ²	15.9 oz/yd ²	19.1 oz/yd ²	22.1 oz/yd ²	EN ISO 2286-2
Thickness	0.60 mm	0.47 mm	0.53 mm	0.60 mm	
Width	66.9 in	66.9 in	66.9 in	69.6 in	

■ **Length of rolls**

Standard length	43.7 yds	43.7 yds	43.7 yds	43.7 yds	
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■ **Physical properties**

Tensile strength (warp/weft)	330/220 daN/5 cm	160/170 daN/5 cm	160/170 daN/5 cm	280/280 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	45/25 daN	11/13 daN	11/13 daN	30/28 daN	DIN 53.363

■ **Flame retardancy**

	Method 1 and 2/ NFPA 701 Class A / ASTM E 84 B1/DIN 4102-1 Schwerbrennbar- Q1-Tr1/ONORM A 3800-1 Class 2/UNI 9177-87 VKF 5.3/SN 198898 BS 5867 Class 1/EN 13373 G1/GOST 30244-94	Method 2/NFPA 701 B1/DIN 4102-1	Method 2/NFPA 701 B1/DIN 4102-1	Method 2/NFPA 701 T19 / CSFM CAN ULCS109 B1/DIN 4102-1 BS 7837 Schwerbrennbar- Q1-Tr1/ONORM A3800-1 Class 2/UNI 9177-87 M2/UNE 23.727-90 VKF 5.3/SN 198898 1530.3/AS/NZS G1/GOST 30244-94	Standards
Rating					
Euroclass	B-s2,d0	B-s2,d0	B-s2,d0	B-s2,d0	EN 13501-1

■ **Management systems**

Quality					ISO 9001
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■ **Certifications, labels, warranties, recycling**



■ **Tools and services**

- Personalized thermal performance simulation service available for your projects with Soltis solar protection: contact your Serge Ferrari representative
- Tool for assessing achievable energy savings thanks to Soltis sun protection: www.textinergie.org
- Documents and photo libraries: www.sergeferrari.com/us

The above technical data represent average values subject to a +/-5% tolerance. The buyer of our products is fully responsible for their application or their transformation concerning 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 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.

3 key properties of Soltis Opaque

