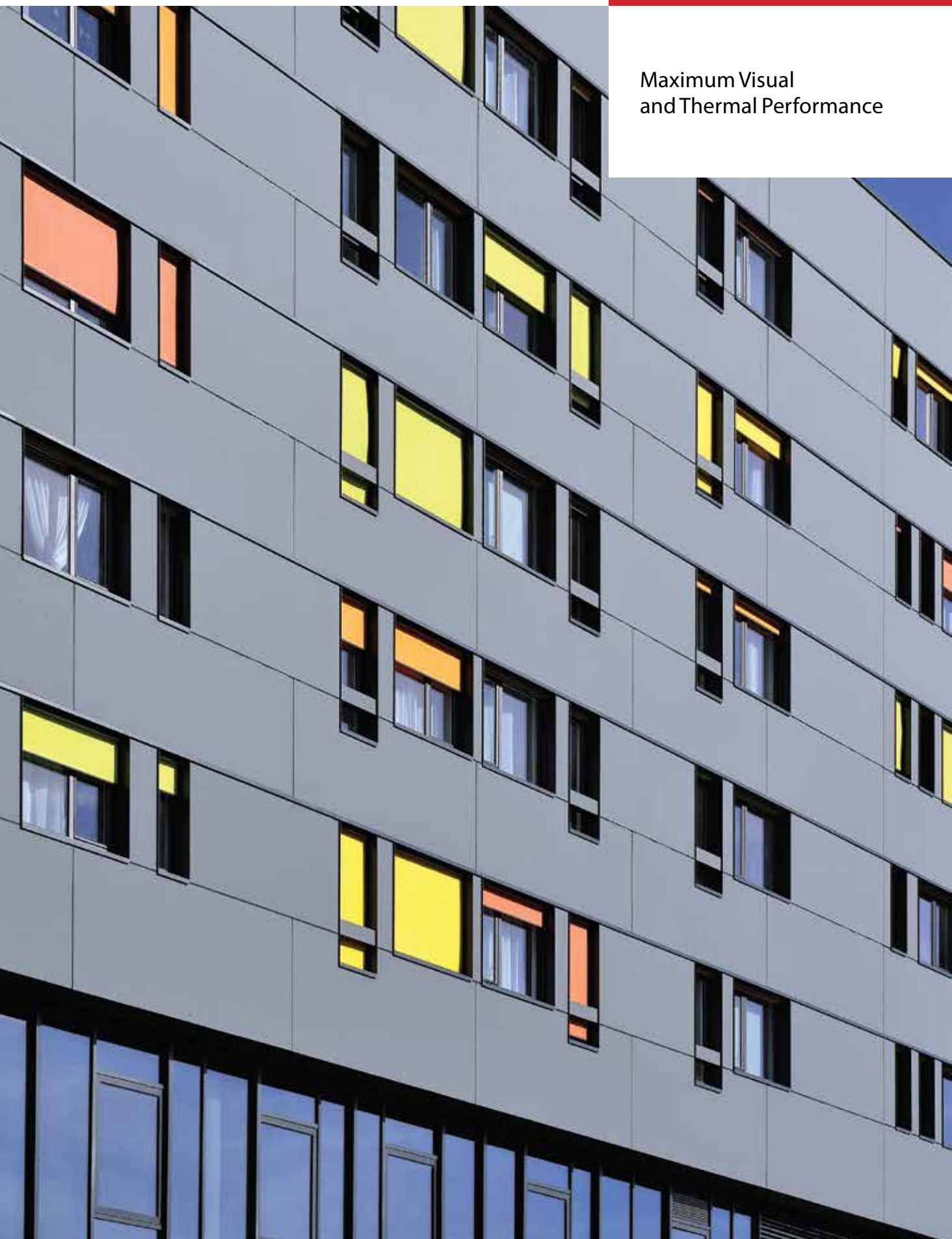
Serge Ferrari

Soltis
Perform 92

Maximum Visual
and Thermal Performance



Serge Ferrari | **Soltis** Perform 92

Indoor & Outdoor Use:
Roller shade, shade sails, retractable shades, pergolas, skylight shades

A real heat shield

Thanks to its micro-ventilation, Soltis® Perform 92:
— regulates the sun's heat
— limits the greenhouse effect

Such solar protection enables a reduction in:
— the use of air-conditioning
— energy expenditure for the building

Transparency without glare

A large choice of colors provides technical and aesthetic solutions, to:
— choose the appropriate light transmission coefficient (TV)
— maintain visibility to the outside
— ensure privacy for occupants

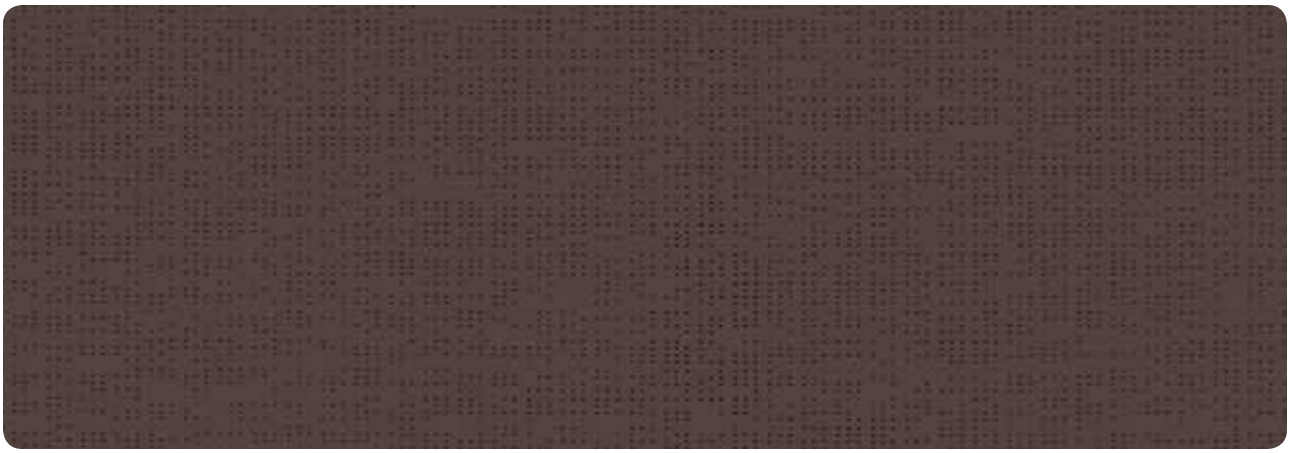
Creation of color universe

— colors coordinated with other Serge Ferrari Architecture ranges
— combination of performance and aesthetics

Placed outside,
Soltis Perform 92 blocks
up to 97% of heat

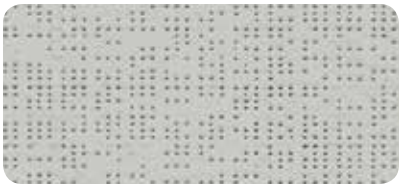
Serge Ferrari | Soltis Perform 92

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

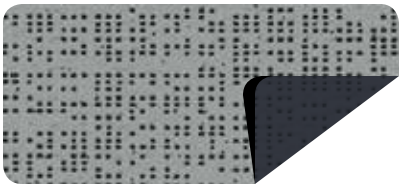


Bronze 69.6 in — 105.1 in 92-2043

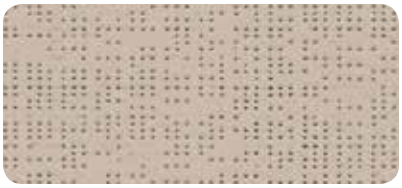
White 69.6 in — 105.1 in 92-2044



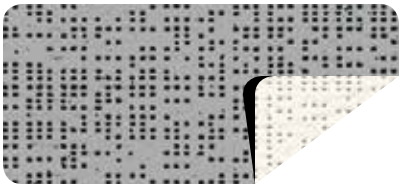
Boulder 69.6 in — 105.1 in 92-2171



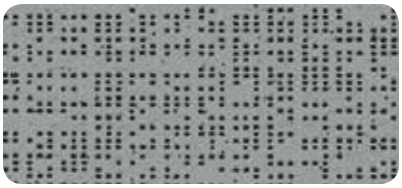
Alu/Anthracite 69.6 in 92-2068



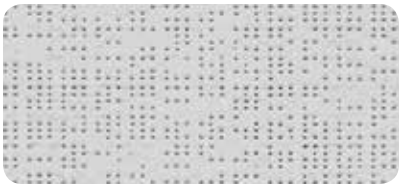
Sandy beige 69.6 in — 105.1 in 92-2135



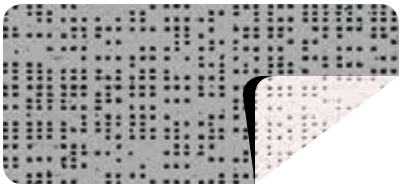
Alu/White 69.6 in — 105.1 in 92-2051



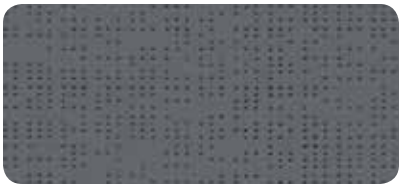
Beaten metal 69.6 in — 105.1 in 92-2045



Cloud 69.6 in — 105.1 in 92-50272

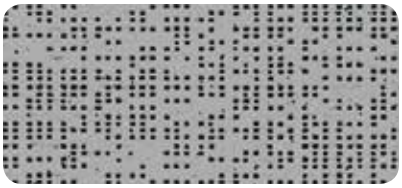


Alu/Oat 69.6 in — 105.1 in 92-2046



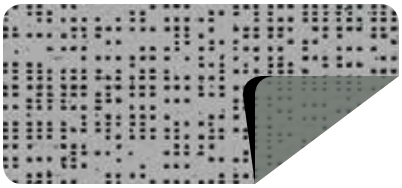
Concrete 69.6 in — 105.1 in 92-2167

Interferential grey 69.6 in 92-2065



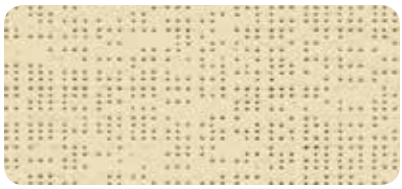
Alu/Alu 69.6 in — 105.1 in 92-2048

Anthracite 69.6 in — 105.1 in 92-2047

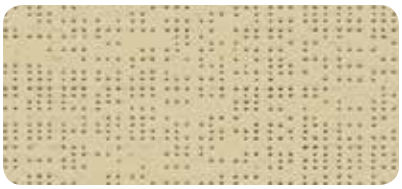


Alu/Medium grey 69.6 in — 105.1 in 92-2074

Black 69.6 in — 105.1 in 92-2053

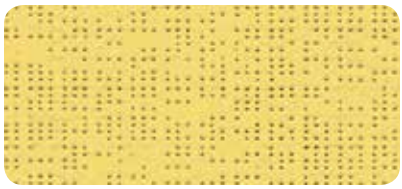


Champagne 69.6 in — 105.1 in 92-2175

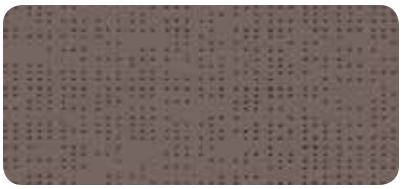


Hemp 69.6 in — 105.1 in 92-50265

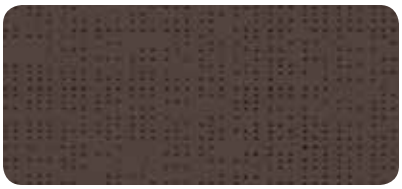
Pepper 69.6 in — 105.1 in 92-2012



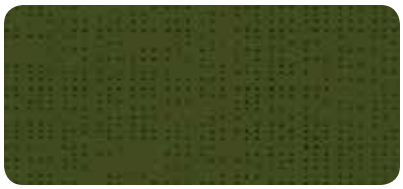
Gold 69.6 in 92-50273



Havana-rown 69.6 in 92-50266



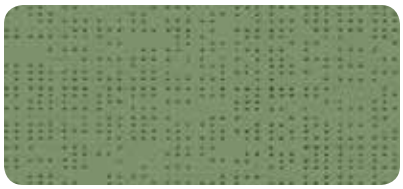
Bronze 69.6 in — 105.1 in 92-2043



Beetle 69.6 in 92-2149

Cocoa 69.6 in 92-2148

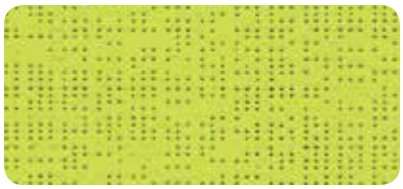
Walnut stain 69.6 in 92-2137



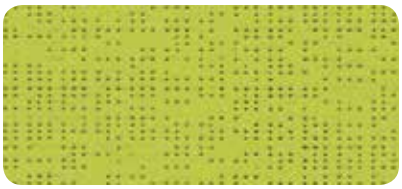
Moss green 69.6 in 92-2158

Dark teal 69.6 in 92-50264

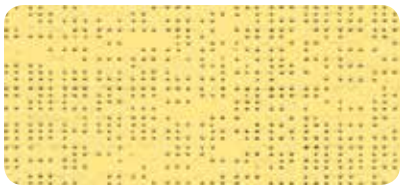
Green tree 69.6 in 92-2039



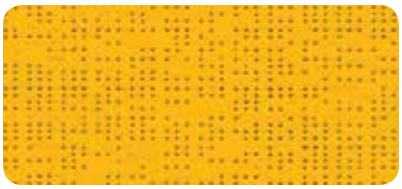
Aniseed 69.6 in 92-2157



Bamboo 69.6 in 92-50333



Chick 69.6 in 92-2013



Buttercup 69.6 in 92-2166

Orange 69.6 in 92-8204

Copper 69.6 in 92-50274

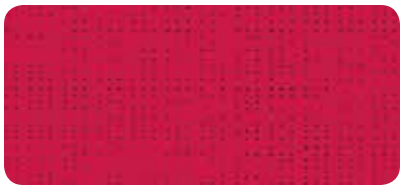
Caramel 69.6 in 92-50261

Carrot 69.6 in 92-2172

Cotto 69.6 in 92-50267

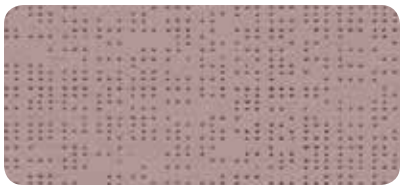
Velvet red 69.6 in 92-2152

Muscat 69.6 in 92-50260

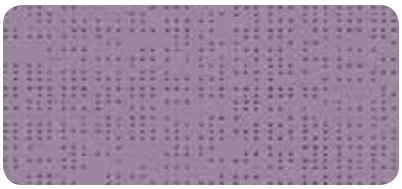


Grenadine 69.6 in 92-50268

Red 69.6 in 92-8255



Turtledove 69.6 in 92-2163



Violet parma 69.6 in 92-2164

Plum 69.6 in 92-50336

Intense turquoise 69.6 in 92-50271

Hawaii 69.6 in 92-50269

Lagoon 69.6 in 92-2160

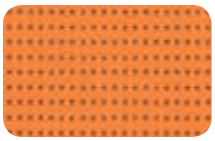
Thistle 69.6 in 92-50270

Midnight blue 69.6 in 92-2161

Navy 69.6 in 92-50342

Matching colors with Soltis Horizon 86

86-2166


86-8204

86-50261

86-50260

86-8255

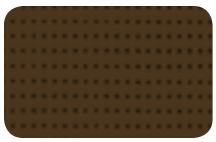
86-2161

86-2158

86-50333

86-2135

86-2012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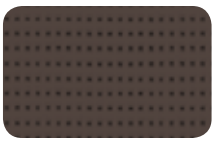
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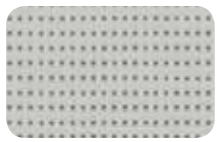
86-2044

86-2175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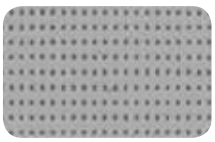
86-2167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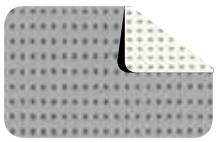
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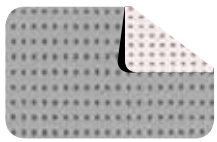
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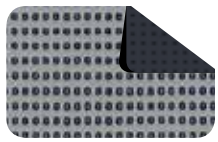
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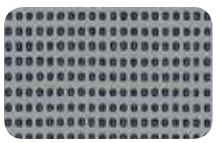
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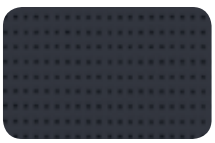
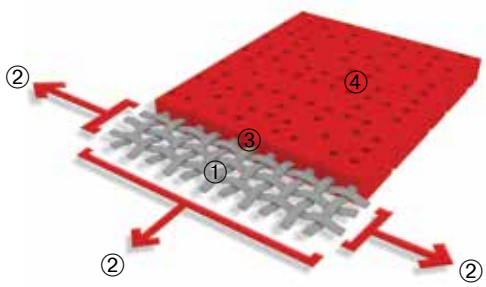

86-2047

86-2053

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.



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 (EN 14501)

		Width (in)		TS	RS	AS	TV n-h	TV n-n	EN 13363-1* Type "C" glazing		EN 13363-2** Type "D" glazing	
		69	105						g_{tot}^{e}	g_{tot}^{i}	g_{tot}^{e}	g_{tot}^{i}
92-2012		•	•	7	30	63	6	5	0.10	0.47	0.04	0.24
92-2013		•		18	57	25	16	4	0.14	0.39	0.07	0.17
92-2039		•		4	8	88	3	3	0.10	0.54	0.04	0.29
92-2043		•	•	4	13	83	3	4	0.10	0.53	0.04	0.28
92-2044		•	•	19	68	13	17	3	0.14	0.35	0.07	0.11
92-2045		•	•	4	35	61	4	4	0.08	0.45	0.03	0.22
92-2046 A		•	•	12	46	42	10	4	0.12	0.42	0.05	0.18
92-2046 B		•	•	12	63	25	10	4	0.10	0.37	0.05	0.14
92-2047		•	•	5	8	87	5	4	0.11	0.54	0.04	0.28
92-2048		•	•	8	46	46	8	3	0.09	0.42	0.04	0.18
92-2051 A		•	•	12	49	39	11	4	0.11	0.41	0.06	0.17
92-2051 B		•	•	12	70	18	11	4	0.10	0.34	0.05	0.10
92-2053		•	•	3	6	91	3	3	0.10	0.55	0.04	0.29
92-2065		•		10	46	44	7	4	0.11	0.42	0.05	0.19
92-2068 A		•		4	34	62	4	4	0.08	0.46	0.03	0.22
92-2068 B		•		4	8	88	4	4	0.10	0.54	0.04	0.28
92-2074 A		•	•	4	37	59	4	4	0.08	0.45	0.04	0.21
92-2074 B		•	•	4	25	71	4	4	0.09	0.49	0.03	0.24
92-2135		•	•	11	46	43	8	4	0.11	0.42	0.04	0.19
92-2137		•		3	8	89	3	3	0.10	0.54	0.04	0.29
92-2148		•		3	14	83	3	3	0.09	0.52	0.04	0.27
92-2149		•		5	16	79	4	4	0.10	0.52	0.04	0.27
92-2152		•		16	35	49	5	4	0.15	0.46	0.05	0.26
92-2157		•		15	51	34	10	3	0.13	0.40	0.05	0.20
92-2158		•		7	28	65	5	4	0.10	0.48	0.03	0.24
92-2160		•		11	36	53	5	5	0.12	0.45	0.04	0.24

		Width (in)		TS	RS	AS	TV n-h	TV n-n	EN 13363-1* Type "C" glazing		EN 13363-2** Type "D" glazing	
		69	105						g_{tot}^{e}	g_{tot}^{i}	g_{tot}^{e}	g_{tot}^{i}
92-2161		•		9	21	70	5	3	0.12	0.50	0.04	0.27
92-2163		•		9	42	49	4	3	0.10	0.43	0.04	0.21
92-2164		•		10	45	45	4	3	0.11	0.42	0.04	0.21
92-2166		•		21	54	25	17	4	0.16	0.40	0.07	0.19
92-2167		•	•	6	19	75	5	5	0.11	0.51	0.04	0.26
92-2171		•	•	8	41	51	6	4	0.10	0.43	0.04	0.20
92-2172		•		19	43	38	8	4	0.16	0.43	0.06	0.24
92-2175		•	•	19	65	16	17	4	0.14	0.36	0.07	0.14
92-8204		•		21	45	34	11	5	0.17	0.43	0.07	0.23
92-8255		•		12	28	60	4	3	0.13	0.48	0.05	0.27
92-50260		•		5	14	81	4	4	0.10	0.52	0.04	0.28
92-50261		•		15	40	45	6	5	0.14	0.44	0.04	0.25
92-50264		•		5	13	82	4	3	0.11	0.53	0.04	0.28
92-50265		•	•	9	49	42	6	3	0.10	0.41	0.04	0.18
92-50266		•		4	19	77	4	3	0.09	0.51	0.03	0.26
92-50267		•		6	27	67	3	3	0.10	0.48	0.04	0.26
92-50268		•		16	37	47	5	4	0.15	0.45	0.05	0.25
92-50269		•		9	35	56	5	3	0.11	0.45	0.04	0.23
92-50270		•		4	18	78	3	3	0.10	0.51	0.04	0.27
92-50271		•		11	36	53	4	3	0.12	0.45	0.04	0.24
92-50272		•	•	12	55	33	9	3	0.11	0.39	0.05	0.16
92-50273		•		8	42	50	5	3	0.10	0.43	0.04	0.21
92-50274		•		8	35	57	4	3	0.10	0.46	0.04	0.24
92-50333		•		11	37	52	7	3	0.12	0.45	0.05	0.23
92-50336		•		7	18	75	3	3	0.11	0.51	0.04	0.28
92-50342		•		6	10	84	4	4	0.11	0.54	0.05	0.29

TS: Solar Transmission (%)
RS: Solar Reflection (%)
AS: Solar Absorption (%)
TS + RS + AS = 100% of incident energy
TV n-h: Normal-hemispherical visible light transmission (%)
TV n-n: Normal-normal visible light transmission (%)
A: Aluminum face exposed to the sun
B: Colored face exposed to the sun
g_{tot}^{e}: External solar factor
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

Soltis
Perform 92

	Technical properties	Standards
Openness factor	4%	
Weight	12.3 oz/yd²	EN ISO 2286-2
Thickness	0.45 mm	
Width	69.6 in - 105.1 in	

	Length of rolls	
Standard length in 69.6 in	54.6 yds	
Standard length in 105.1 in	43.7 yds	

	Physical properties	
Tensile strength (warp/weft)	310/210 daN/ 5 cm	EN ISO 1421
Tear strength (warp/weft)	45/20 daN	DIN 53.363

	Flame retardancy	
Rating	**Method 1**/NFPA 701 — CSFM T19 — **Class A**/ASTM E84 — **B1**/DIN 4102-1 — BS 7837 — BS 5867 **Schwerbrennbar-Q1-Tr1**/ONORM A 3800-1 — **Class 1**/UNI 9177-87 — **M1**/UNE 23.727-90 **VKF 5.2**/SN 198898 — 1530.3/**AS**/NZS — **G1**/GOST 30244-94	
Euroclass	**B-s2,d0**	EN 13501-1

	Management systems	
Quality		ISO 9001

Certifications, labels, guarantees, recycling

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

Tools and services

— ACV and FDES (Health and Environmental Datasheet) available on request
— Personalized 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

The technical data above are average values with a +/- 5% tolerance.
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For metallic and interferential colors, a difference in shade may be observed in different roll widths for the same reference: small width (69.6 in) and large width (105.1 in). We advise strongly against combined assembly of these.

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