Serge Ferrari

Soltis
Perform 92

Maximum visual
and thermal performance

BUITINK TECHNOLOGY
Advanced Lightweight Structures

Serge Ferrari | Soltis Perform 92

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Advanced Lightweight Structures

Main applications
Facade blinds, conservatory and glassroof blinds, shadesails

A real heat shield

Thanks to its micro-ventilation system, Soltis Perform 92:
— regulates the sun's heating effects,
— limits the greenhouse effect.

Such unrivalled performances enable to reduce:
— the use of air-conditioning,
— to reduced energy expenditure of the building.

Transparency without glare

A large choice of colors to increase technical and aesthetic solutions:
— to choose the appropriate light transmission coefficient (TV),
— to conserve visibility toward the outside,
— to ensure privacy for inhabitants.

Creation of color universe

— colors coordinated with other Serge Ferrari Architecture ranges,
— combination of performance and aesthetic.

Placed outside,
Soltis Perform 92 blocks
until 97% of the heat

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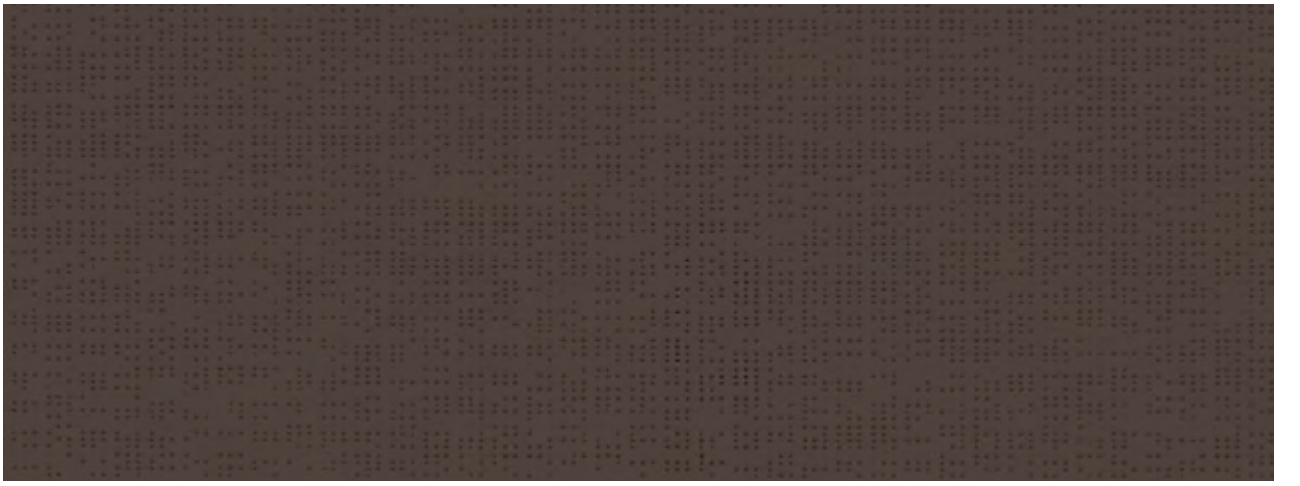
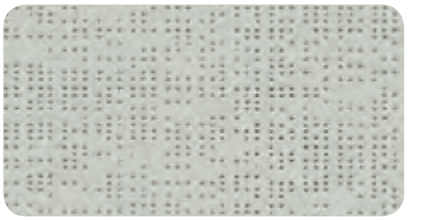
The colors and textures represented in this document are provided as a reference only.

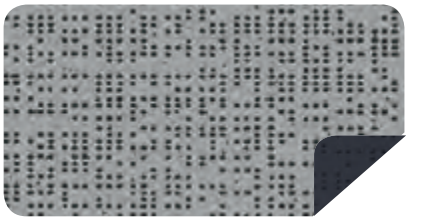


Bronze 177 cm — 267 cm 92-2043

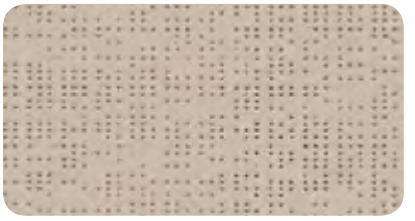
White 177 cm — 267 cm 92-2044



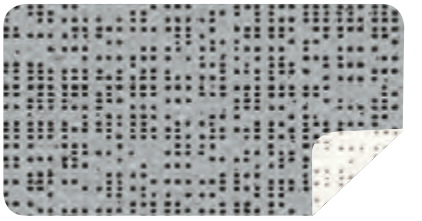
Boulder 177 cm — 267 cm 92-2171



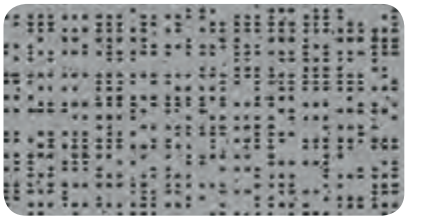
Alu/Anthracite 177 cm 92-2068



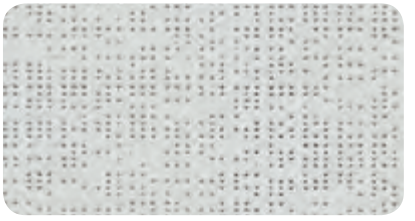
Sandy beige 177 cm — 267 cm 92-2135



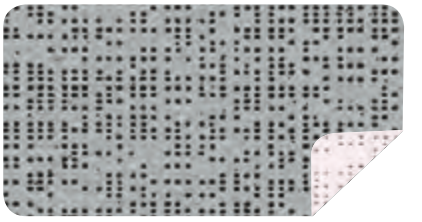
Alu/White 177 cm — 267 cm 92-2051



Beaten metal 177 cm — 267 cm 92-2045

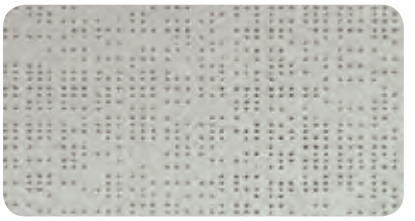


Cloud 177 cm — 267 cm 92-50272

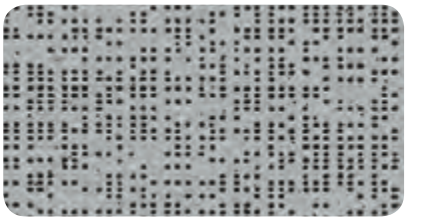


Alu/Oat 177 cm — 267 cm 92-2046

Concrete 177 cm — 267 cm 92-2167

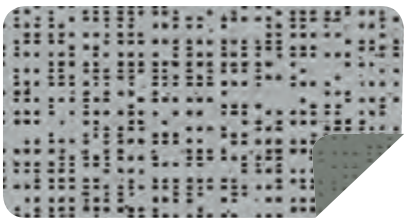


Interferential grey 177 cm 92-2065



Alu/Alu 177 cm — 267 cm 92-2048

Anthracite 177 cm — 267 cm 92-2047



Alu/Medium grey 177 cm — 267 cm 92-2074

Black 177 cm — 267 cm 92-2053

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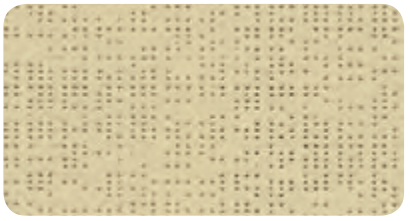
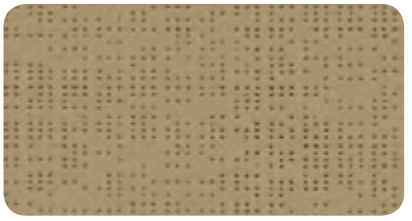
Champagne 177 cm — 267 cm 92-2175

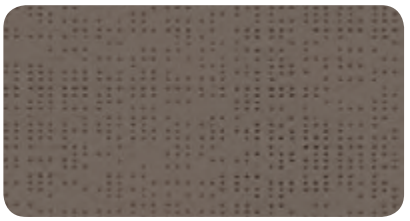


Hemp 177 cm — 267 cm 92-50265



Pepper 177 cm — 267 cm 92-2012

Gold 177 cm 92-50273



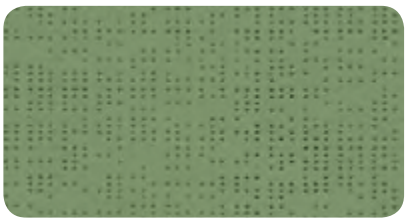
Havana-Brown 177 cm 92-50266

Bronze 177 cm — 267 cm 92-2043

Beetle 177 cm 92-2149

Cocoa 177 cm 92-2148

Walnut stain 177 cm 92-2137

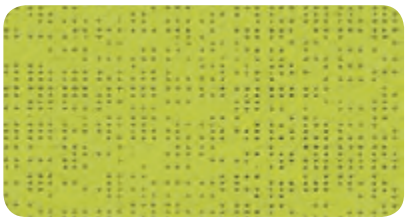


Moss green 177 cm 92-2158

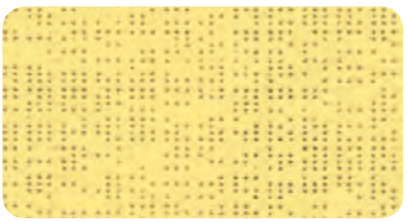
Dark teal 177 cm 92-50264

Green tree 177 cm 92-2039

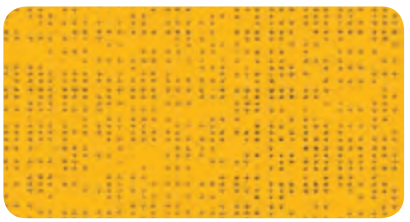
Aniseed 177 cm 92-2157



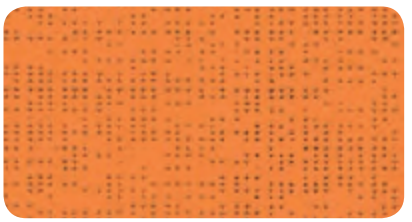
Bamboo 177 cm 92-50333



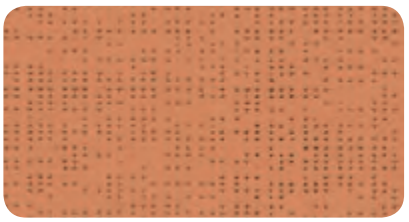
Chick 177 cm 92-2013



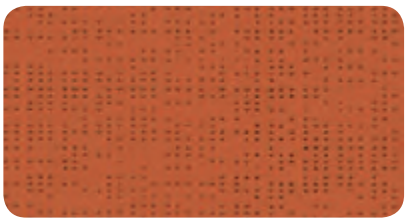
Buttercup 177 cm 92-2166



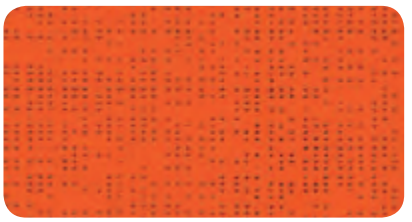
Orange 177 cm 92-8204



Copper 177 cm 92-50274



Caramel 177 cm 92-50261



Carrot 177 cm 92-2172

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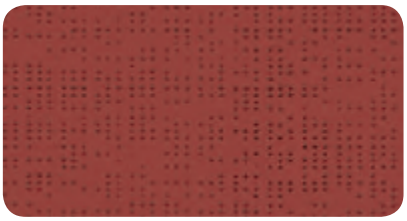
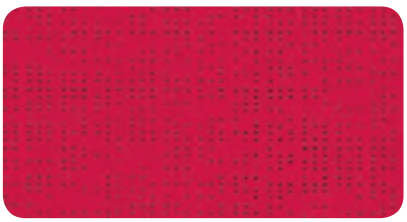


Cotto 177 cm 92-50267

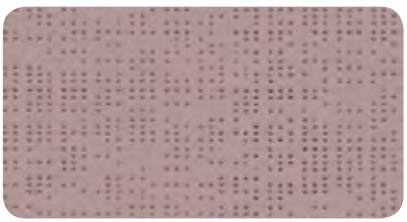
Velvet red 177 cm 92-2152

Muscat 177 cm 92-50260

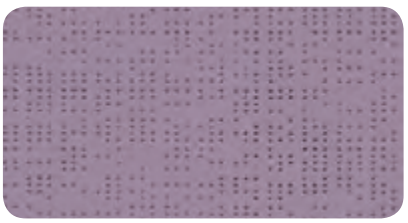


Grenadine 177 cm 92-50268

Red 177 cm 92-8255



Turtledove 177 cm 92-2163



Violet parma 177 cm 92-2164

Plum 177 cm 92-50336

Intense turquoise 177 cm 92-50271

Hawaii 177 cm 92-50269

Lagoon 177 cm 92-2160

Thistle 177 cm 92-50270

Midnight blue 177 cm 92-2161

Navy 177 cm 92-50342

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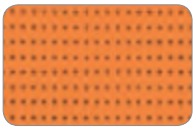
Matching colors with Soltis Horizon 86


86-2166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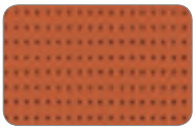
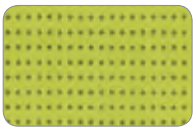

86-50261


86-50260


86-8255


86-2161


86-2158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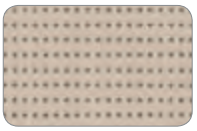

86-2135


86-2012


86-2148

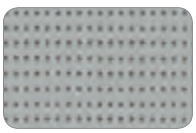

86-2043


86-2044


86-2175


86-2171


86-2167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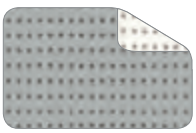
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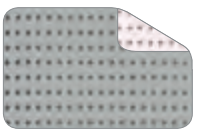
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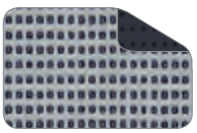
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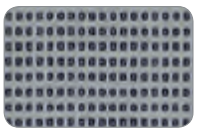
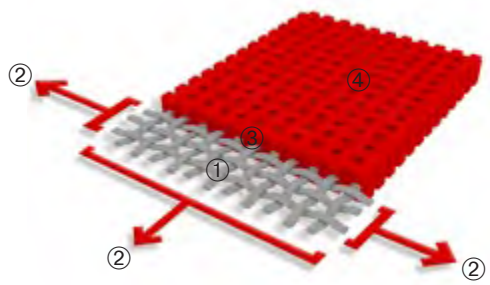

86-2045


86-2047


86-2053

Exclusive Précontraint® technology

Patented worldwide, the Précontraint® Serge Ferrari technology 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

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Advanced Lightweight Structures

Solar and light properties (EN 14501)

	Width (cm) 177	267	TS	RS	AS	TV n-h	EN 13363-1* Type "C" glazing g_{tot}^{e}	g_{tot}^{i}	EN 13363-2** Type "D" glazing g_{tot}^{e}	g_{tot}^{i}
92-2012	•	•	7	30	63	6	0.10	0.47	0.04	0.24
92-2013	•		18	57	25	16	0.14	0.39	0.07	0.17
92-2039	•		4	8	88	3	0.10	0.54	0.04	0.29
92-2043	•	•	4	13	83	4	0.10	0.53	0.04	0.28
92-2044	•	•	19	68	13	17	0.14	0.35	0.07	0.11
92-2045	•	•	4	35	61	4	0.08	0.45	0.03	0.22
92-2046 A	•	•	12	46	42	10	0.12	0.42	0.05	0.18
92-2046 B	•	•	12	63	25	10	0.10	0.37	0.05	0.14
92-2047	•	•	5	8	87	5	0.11	0.54	0.04	0.28
92-2048	•	•	8	46	46	8	0.09	0.42	0.04	0.18
92-2051 A	•	•	12	49	39	11	0.11	0.41	0.06	0.17
92-2051 B	•	•	12	70	18	11	0.10	0.34	0.05	0.10
92-2053	•	•	3	6	91	3	0.10	0.55	0.03	0.29
92-2065	•		10	46	44	7	0.11	0.42	0.04	0.19
92-2068 A	•		4	34	62	4	0.08	0.46	0.03	0.22
92-2068 B	•		4	8	88	4	0.10	0.54	0.04	0.28
92-2074 A	•	•	4	37	59	4	0.08	0.45	0.03	0.21
92-2074 B	•	•	4	25	71	4	0.09	0.49	0.03	0.24
92-2135	•	•	11	46	43	8	0.11	0.42	0.04	0.19
92-2137	•		3	8	89	3	0.10	0.54	0.04	0.29
92-2148	•		3	14	83	3	0.09	0.52	0.03	0.27
92-2149	•		5	16	79	4	0.10	0.52	0.04	0.27
92-2152	•		7	26	67	5	0.11	0.48	0.03	0.26
92-2157	•		15	51	34	10	0.13	0.40	0.05	0.20
92-2158	•		7	28	65	5	0.10	0.48	0.03	0.24
92-2160	•		11	36	53	5	0.12	0.45	0.04	0.24

	Width (cm) 177	267	TS	RS	AS	TV n-h	EN 13363-1* Type "C" glazing g_{tot}^{e}	g_{tot}^{i}	EN 13363-2** Type "D" glazing g_{tot}^{e}	g_{tot}^{i}
92-2161	•		9	23	68	5	0.12	0.50	0.04	0.28
92-2163	•		9	42	49	4	0.10	0.43	0.04	0.21
92-2164	•		10	45	45	4	0.11	0.42	0.04	0.21
92-2166	•		21	54	25	17	0.16	0.40	0.07	0.19
92-2167	•	•	6	19	75	5	0.11	0.51	0.04	0.26
92-2171	•	•	8	41	51	6	0.10	0.44	0.04	0.20
92-2172	•		19	43	38	8	0.16	0.43	0.05	0.24
92-2175	•	•	19	65	16	17	0.14	0.36	0.07	0.14
92-8204	•		21	45	34	11	0.17	0.43	0.07	0.23
92-8255	•		12	28	60	4	0.13	0.48	0.05	0.27
92-50260	•		5	14	81	4	0.10	0.52	0.04	0.28
92-50261	•		8	31	61	4	0.11	0.47	0.04	0.25
92-50264	•		5	13	82	4	0.11	0.53	0.03	0.28
92-50265	•	•	9	49	42	6	0.10	0.41	0.04	0.18
92-50266	•		4	19	77	4	0.09	0.51	0.03	0.26
92-50267	•		6	27	67	3	0.10	0.48	0.03	0.26
92-50268	•		16	37	47	5	0.15	0.45	0.05	0.25
92-50269	•		9	35	56	5	0.11	0.45	0.03	0.23
92-50270	•		4	18	78	3	0.10	0.51	0.04	0.27
92-50271	•		11	36	53	4	0.12	0.45	0.04	0.24
92-50272	•	•	12	55	33	9	0.11	0.39	0.05	0.16
92-50273	•		8	42	50	5	0.10	0.43	0.04	0.21
92-50274	•		8	35	57	4	0.10	0.46	0.04	0.24
92-50333	•		11	37	52	7	0.12	0.45	0.05	0.23
92-50336	•		7	18	75	3	0.11	0.51	0.03	0.28
92-50342	•		6	10	84	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 (%)
A: Aluminium 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
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	Technical properties	Standards
Openness factor	4%	
Weight	420 g/m²— 12.4 oz/sqyd	EN ISO 2286-2
Thickness	0.45 mm — 450 microns	
Width	177 cm - 267 cm — 69.7 in. - 105.1 in.	

	Length of rolls
Standard format length in 177 cm	50 lm — 54.68 yds
Standard format length in 267 cm	40 lm — 43.74 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	**B1**/DIN 4102-1 — BS 7837 — BS 5867 — **Schwerbrennbar-Q1-Tr1**/ONORM A 3800-1 **Classe 1**/UNI 9177-87 — **M1**/UNE 23.727-90 — **VKF 5.2**/SN 198898 — 1530.3/**AS**/NZS **G1**/GOST 30244-94 — **Method 1**/NFPA 701 — CSFM T19 — **Class A**/ASTM E84	
Euroclass	**B-s2,d0**	EN 13501-1

	Management systems	
Quality		ISO 9001

Certifications, labels, warranties, 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
— 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

The technical data above are average values with 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 subject to changes prompted by technological developments. 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.
For metallic and interferential colors, a difference in shade may be observed in different roll widths for the same reference: small width (1770 mm) and large width (2670 mm). We advise strongly against combined assembly of these.

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EN

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lightweight + durable

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