

Serge Ferrari



Soltis
Perform 92

Maximum visual
and thermal performance



Main applications

Facade blinds, conservatory and glassroof blinds, shadesails



■ A real heat shield

Thanks to its micro-ventilation system, Soltis 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 colours 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

- colours coordinated with other Serge Ferrari Architecture ranges,
- combination of performance and aesthetic.

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





Bronze 177 cm — 267 cm

92-2043



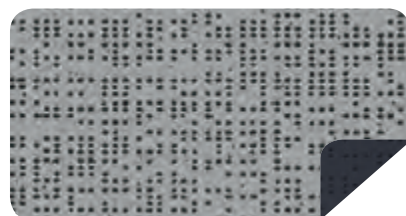
White 177 cm — 267 cm

92-2044



Boulder 177 cm — 267 cm

92-2171



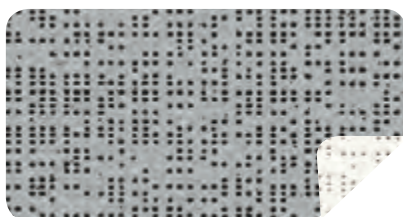
Alu/Anthracite 177 cm

92-2068



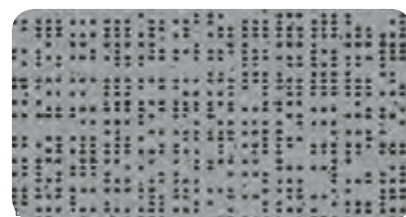
Sandy beige 177 cm — 267 cm

92-2135



Alu/White 177 cm — 267 cm

92-2051



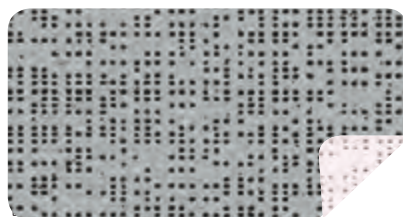
Beaten metal 177 cm — 267 cm

92-2045



Cloud 177 cm — 267 cm

92-50272



Alu/Oat 177 cm — 267 cm

92-2046



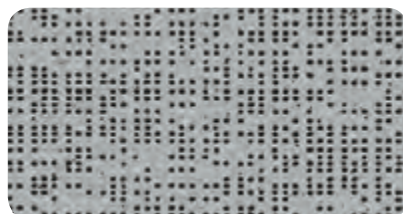
Concrete 177 cm — 267 cm

92-2167



Interferential grey 177 cm

92-2065



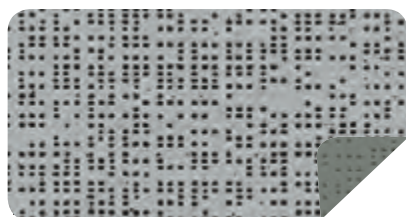
Alu/Alu 177 cm — 267 cm

92-2048



Anthracite 177 cm — 267 cm

92-2047



Alu/Medium grey 177 cm — 267 cm

92-2074



Black 177 cm — 267 cm

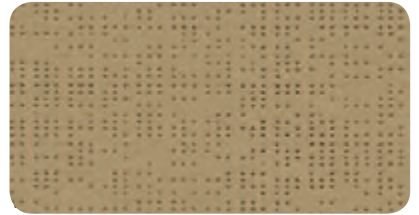
92-2053



Champagne 177 cm — 267 cm 92-2175



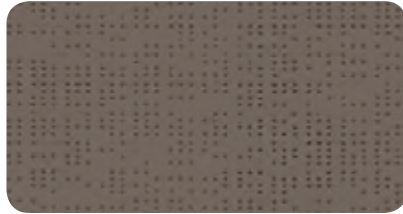
Hemp 177 cm — 267 cm 92-50265



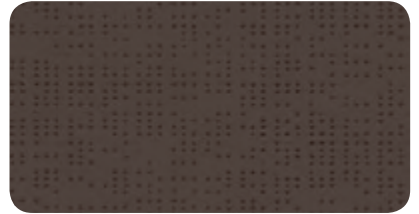
Pepper 177 cm — 267 cm 92-2012



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



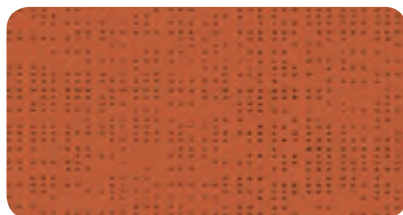
Buttercup 177 cm 92-2166



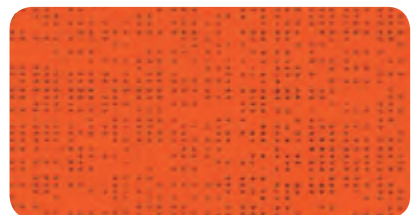
Orange 177 cm 92-8204



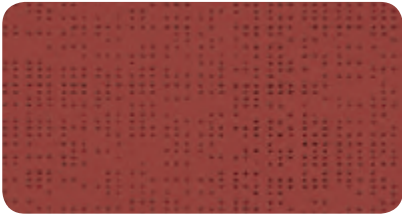
Copper 177 cm 92-50274



Caramel 177 cm 92-50261



Carrot 177 cm 92-2172



Cotto 177 cm

92-50267



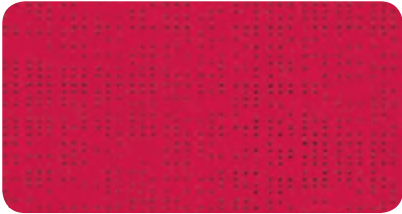
Velvet red 177 cm

92-2152



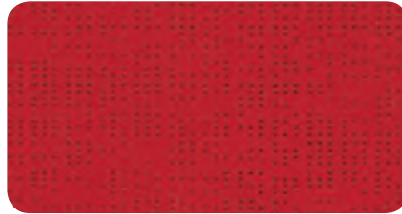
Muscat 177 cm

92-50260



Grenadine 177 cm

92-50268



Red 177 cm

92-8255



Turtledove 177 cm

92-2163



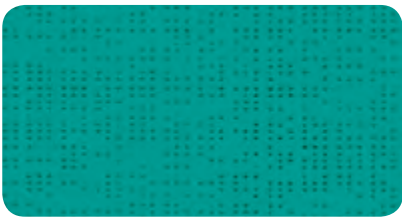
Violet parma 177 cm

92-2164



Plum 177 cm

92-50336



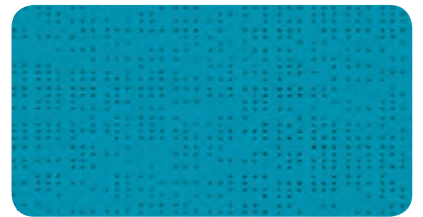
Intense turquoise 177 cm

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

■ Matching colours with Soltis Horizon 86



86-2166



86-8204



86-50261



86-50260



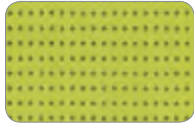
86-8255



86-2161



86-2158



86-50333



86-2135



86-2012



86-2148



86-2043



86-2044



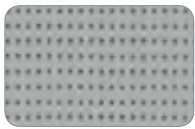
86-2175



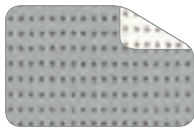
86-2171



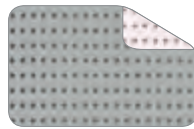
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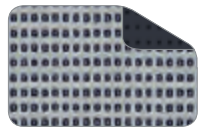
86-2048



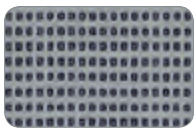
86-2051



86-2046



86-2068



86-2045



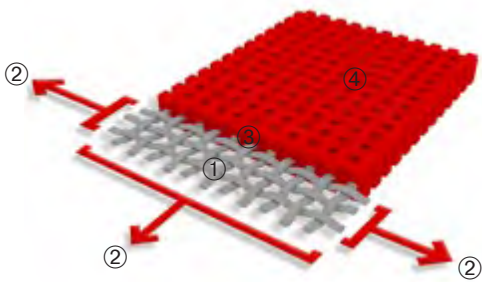
86-2047



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

■ Solar and light properties (EN 14501)

	Width (cm)	TS	RS	AS	TV n-h	TV n-n	EN 13363-1* Type "C" glazing		EN 13363-2** Type "D" glazing			
							177	267	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	

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: Aluminium face exposed to the sun

B: Coloured face exposed to the sun

	Width (cm)	TS	RS	AS	TV n-h	TV n-n	EN 13363-1* Type "C" glazing		EN 13363-2** Type "D" glazing			
							177	267	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	

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
Openess factor	4%	
Weight	420 g/m ² — 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 — CSFMT19 — 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		
	<ul style="list-style-type: none"> — 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 colours, 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.