

Colorful, durable,  
waterproof membrane





# Soltis

## Proof 502

### Applications

Drop-arm awnings, velums et pergolas, shadesails, light structures and fixed shading systems



### ■ Sparks creativity

- A unique satin finish to give a modern and high end look to your projects
- A palette of 40 colors to give personality to the most varied designs
- Flexibility and strength providing total freedom of shape and size.

### ■ Innovation and Performance

- A weldable PVDF surface treatment improves dirt resistance
- A very smooth finish ensures easy upkeep
- Tried and tested protection against heat and bad weather for year-round comfort
- Maximum UV protection: Soltis Proof 502 blocks 100% UV rays (UPF 50+ for all colors).

### ■ Proven longevity

Thanks to Serge Ferrari Précontraint® technology, Soltis Proof 502:

- does not tear or stretch, ensuring structures last over time
- durably resists UV damage due to rigorous pigment selection and thicker yarn crest coating than the competition.

Unfailing resistance  
for colourful projects



# Soltis

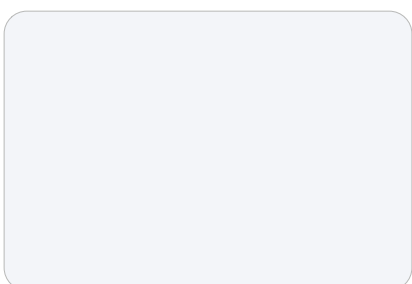
Proof 502

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



**Concrete** 180cm

502V2-2167C



**White** 180cm

502V2-8102C



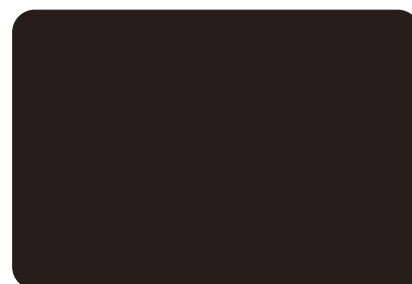
**Boulder** 180cm

502V2-2171C



**Concrete** 180cm

502V2-2167C



**Black** 180cm

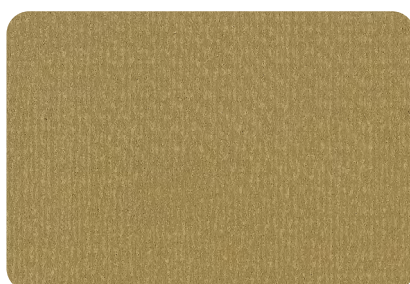
502V2-8450C

## Metallic colours



**Velvet red** 180cm

502V2-2152C



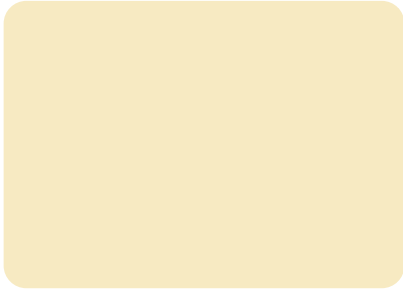
**Autumn** 180cm

502V2-2138C



**Aluminium** 180cm

502V2-2168C



**Champagne** 180cm 502V2-8341C



**Vanilla** 180cm 502V2-8861C



**Hemp** 180cm 502V2-50265C



**Sandy beige** 180cm 502V2-2135C



**Pepper** 180cm 502V2-2012C



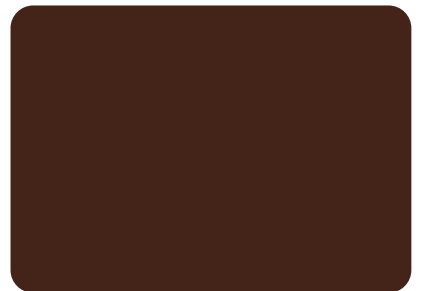
**Camel** 180cm 502V2-2141C



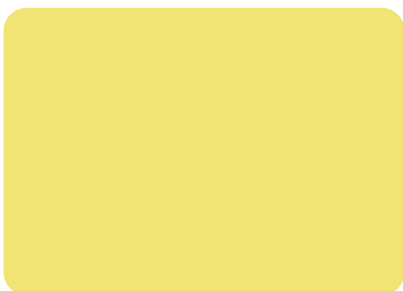
**Cocoa** 180cm 502V2-2148C



**Teak** 180cm 502V2-50669C



**Walnut stain** 180cm 502V2-2137C



**Lemon** 180cm 502V2-50674C



**Buttercup** 180cm 502V2-2166C



**Dijon** 180cm 502V2-50671C



**Orange** 180cm

502V2-8204C



**Carrot** 180cm

502V2-2172C



**Raspberry** 180cm

502V2-2150C



**Poppy** 180cm

502V2-8255C



**Terracotta** 180cm

502V2-20185C



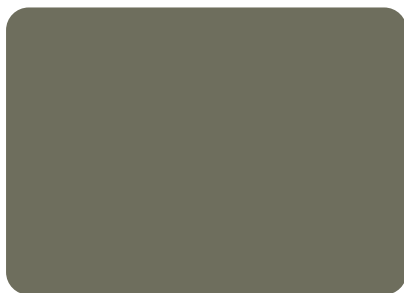
**Burgundy** 180cm

502V2-8284C



**Aniseed** 180cm

502V2-2157C



**Olive** 180cm

502V2-50668C



**Moss green** 180cm

502V2-2158C



**Porcelain green** 180cm

502V2-50670C



**Tennis green** 180cm

502V2-8056C



**Spruce** 180cm

502V2-2156C



**Celadon** 180 cm

502V2-50675C



**Steel blue** 180 cm

502V2-50676C



**Lagoon** 180 cm

502V2-2160C



**Dark blue** 180 cm

502V2-50673C



**Thistle blue** 180 cm

502V2-50270C



**Celestial blue** 180 cm

502V2-50672C



**Victoria Blue** 180 cm

502V2-50677C



**Midnight blue** 180 cm

502V2-2161C

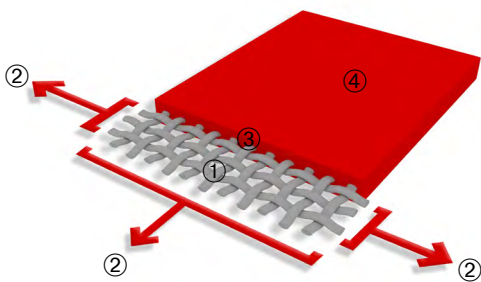


**Marine** 180 cm

502V2-1125C

## ■ Exclusive Précontraint® technology


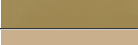

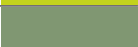



Patented worldwide, the Précontraint® technology by Serge Ferrari involves keeping the composite under tension throughout the manufacturing cycle. It gives our materials exceptional performance that enable them to surpass market standards in terms of dimensional stability, mechanical strength, coating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

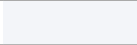






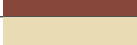
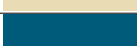
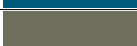

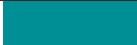










High-tenacity polyester micro-yarn base cloth	①	Superior elongation and tear resistance
A coating with fabrics under bi-axial constant tension in both warp and weft directions	②	No deformation during processing and use
Greater coating at the top of the yarns and a dirt resistant surface treatment	③	Superior aesthetic and mechanical durability
Exceptional flatness and thinness	④	Smooth finish easy to clean, space saving, easy rolling



## ■ Solar and light properties (EN 14501)

		TS	RS	AS
502V2-1125C		6	17	77
502V2-2012C		1	38	61
502V2-2135C		5	61	34
502V2-2137C		0	8	92
502V2-2138C		2	34	64
502V2-2141C		6	49	45
502V2-2148C		0	14	86
502V2-2150C		12	45	43
502V2-2152C		7	38	55
502V2-2156C		0	7	93
502V2-2157C		10	53	37
502V2-2158C		2	36	62
502V2-2160C		5	35	60
502V2-2161C		6	28	66
502V2-2166C		15	58	27
502V2-2167C		0	18	82
502V2-2168C		1	46	53
502V2-2171C		2	51	47
502V2-2172C		14	49	37
502V2-8056C		0	10	90

		TS	RS	AS
502V2-8102C		11	80	9
502V2-8204C		16	47	37
502V2-8255C		18	37	45
502V2-8284C		1	11	88
502V2-8341C		11	72	17
502V2-8450C		0	6	94
502V2-8861C		3	65	32
502V2-20185C		2	28	70
502V2-50265C		1	47	52
502V2-50270C		0	16	84
502V2-50668C		1	21	78
502V2-50669C		0	11	89
502V2-50670C		1	22	77
502V2-50671C		4	42	54
502V2-50672C		2	25	73
502V2-50673C		1	18	81
502V2-50674C		10	59	31
502V2-50675C		8	59	33
502V2-50676C		8	47	45
502V2-50677C		7	34	59

TS: Solar Transmission (%)

RS: Solar Reflection (%)

AS: Solar Absorption (%)

TS + RS + AS = 100% of incident energy



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## Proof 502

	■ Technical properties	Standards
Weight	570 g/m <sup>2</sup> • 22.1 oz/sq.yd	EN ISO 2286-2
Thickness	0.45 mm • 450 microns	
Width	180 cm • 70.9 in.	
■ Length of rolls		
Standard format length	40 lm • 43.74 yd	
■ Physical properties		
Tensile strength (warp/weft)	200/200 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	20/20 daN	DIN 53.363
Adhesion	7/7 daN/5 cm	EN ISO 2411
■ Surface treatment		
Finish	PVDF Varnish both sides	
■ Reaction to fire		
Rating	<b>M2</b> /NFP 92-507 — <b>B1</b> /DIN 4102-1 — BS 7837 — 1530.2 et 3/ <b>AS</b> /NZS <b>M2</b> /UNE 23.727-90 — <b>VKF 5.3</b> /SN 198898 — <b>Schwerbrennbar Q1-Tr1</b> /ONORM A 3800 <b>Group 1</b> /AS NZS 3837 — <b>Class 2</b> /UNI 9177-87 — <b>Method 1 &amp; 2</b> /NFPA 701 CSFMT19 — <b>Class A</b> /ASTM E84 — <b>G1</b> /GOST 30244-94 — CAN ULC S109 — CPAI 84	
Euroclass	<b>B-s2,d0</b>	EN 13501-1
■ Management systems		
Quality		ISO 9001
Environment		ISO 14001
Energy		ISO 50001
■ Certifications, labels, warranty		

Précontraint®  
Technology



10-year  
warranty



### ■ Tools and services

Maintenance manual available on request

Tool for evaluating the energy savings that can be achieved with Soltis solar protection: SOLTISSIM. Contact your Serge Ferrari representative.

<sup>1</sup> "+ = 0" logo: summarises the Serge Ferrari Group's commitment to CSR, to align economic performance and positive impact. Find out about our concrete actions in our CSR report.

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 according to the standards, workmanship 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.