

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 colorful projects



Soltis

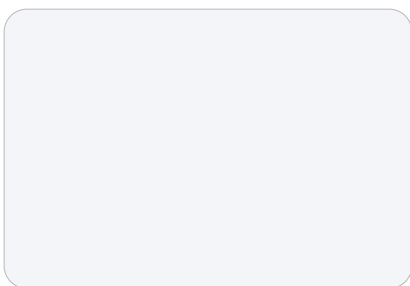
Proof 502

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



Concrete 180cm

502V2-2167C



White 180cm

502V2-8102C



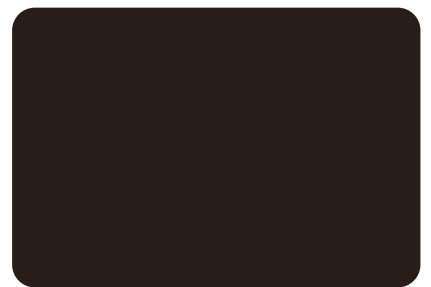
Boulder 180cm

502V2-2171C



Concrete 180cm

502V2-2167C



Black 180cm

502V2-8450C

Metallic colours



Velvet red 180cm

502V2-2152C



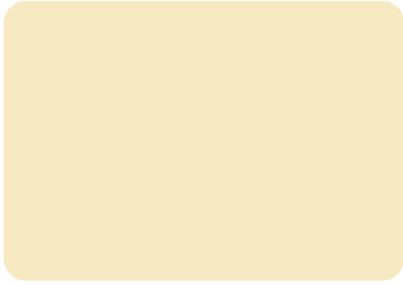
Autumn 180cm

502V2-2138C



Aluminium 180cm

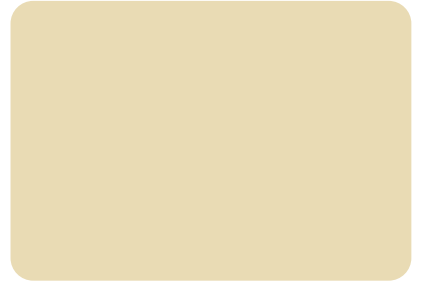
502V2-2168C



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 180cm

502V2-50675C



Steel blue 180cm

502V2-50676C



Lagoon 180cm

502V2-2160C



Dark blue 180cm

502V2-50673C



Thistle blue 180cm

502V2-50270C



Celestial blue 180cm

502V2-50672C



Victoria Blue 180cm

502V2-50677C



Midnight blue 180cm

502V2-2161C

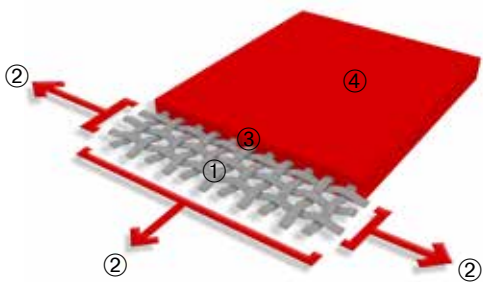


Marine 180cm

502V2-1125C
















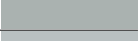




■ Exclusive Précontraint® technology






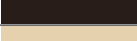

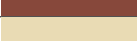












Patented worldwide, the Précontraint® technology by Serge Ferrari involves keeping the composite under tension throughout the manufacturing cycle. It gives our materials exceptional performance that enable them to surpass market standards in terms of dimensional stability, mechanical strength, coating 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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| | ■ Technical properties | Standards |
|------------------------------|--|---------------|
| Weight | 570 g/m ² — 16.8 oz/yd ² | 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 yds | |
| ■ 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 | |
| ■ Flame retardancy | | |
| Rating | M2/NFP 92-507 — B1/4102-1 — BS 7837 — 1530.2 et 3/AS/NZS M2/UNE 23.727-90 — VKF 5.3/SN 198898 — Schwerbrennbar Q1-Tr1/ONORM A 3800 Group 1/AS NZS 3837 — Class 2/UNI 9177-87 — Method 1 & 2/NFPA 701 CSFMT19 — Class A/ASTM E84 — G1/GOST 30244-94 — CAN ULC S109 — CPAI 84 | |
| Euroclass | B-s2,d0 | EN 13501-1 |
| ■ Management systems | | |
| Quality | | ISO 9001 |
| Environment | | ISO 14001 |
| Energy | | ISO 50001 |

■ Certifications, labels, warranties

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.

¹ Logo «+ = 0»: 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 2021.

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.