Serge Ferrari
architecture

Soltis

502

Proof

LOOP



New range

BUITINK TECHNOLOGY
Advanced Lightweight Structures

Soltis 502 Proof

Colorful, durable, waterproof membrane made with 100% recycled polyester yarns

Environment

- Soltis 502, made from high tenacity recycled polyester yarns, maintains its high-quality standard while reducing the carbon footprint. (GWP: -28.6% compared to previous versions)

Sparks creativity

- A unique satin finish to give a modern and high end look to your projects
- Flexibility and strength providing total freedom of shape and size.

Innovation and performance

- A very smooth finish ensures easy upkeep
- Tried and tested protection against heat and bad weather for year-round comfort

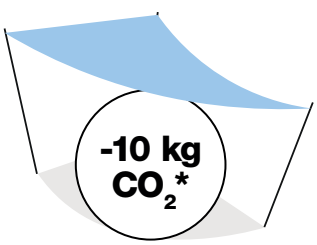
Proven longevity

thanks to Précontraint® technology and its improved technical characteristics, Soltis 502:

- does not tear or stretch, ensuring structures last over time
- durably resists UV impact thanks to rigorous pigment selection and thicker yarn crest coating than other market offers.





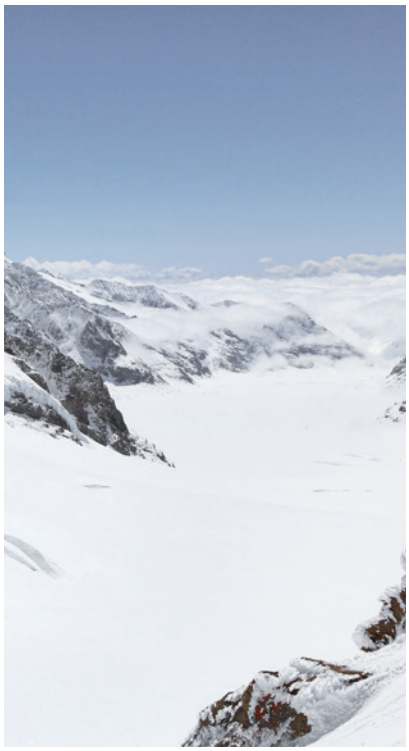


*10 kg of CO_2 saved for 12 sqm.

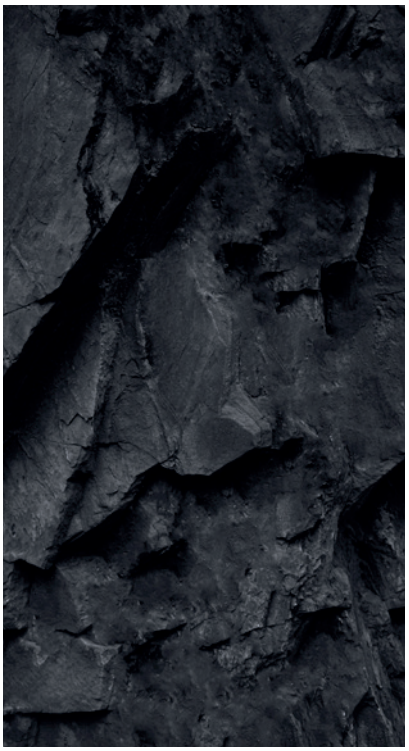
Responsible, recycled, reliable

Soltis 502

Proof

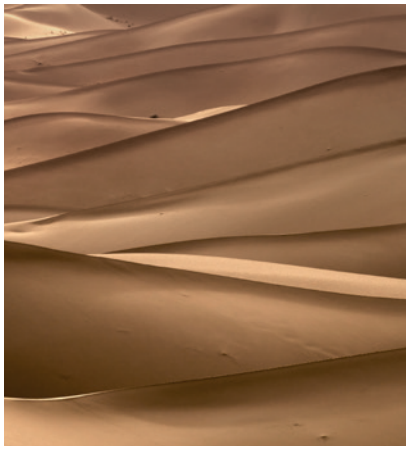




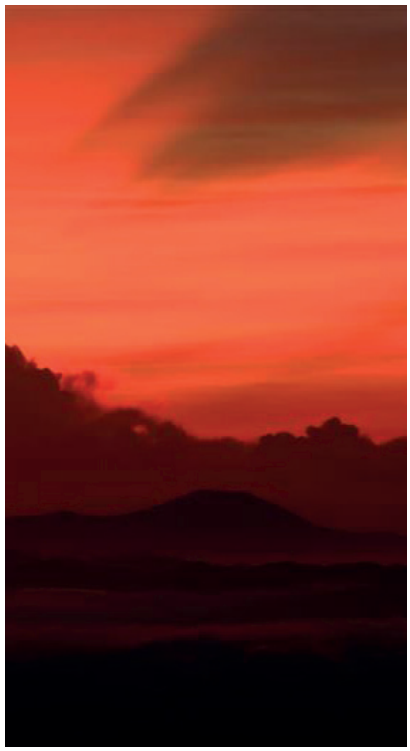


White	Boulder	Concrete
502V3-51969C	502V3-2171C	502V3-2167C
Pearl white	Aluminium	Anthracite
502V3-51970C	502V3-2168C	502V3-1354C
Enamel white	Titanium	Black
502V3-51971C	502V3-51972C	502V3-8450C

Titanium 502V3-51972C



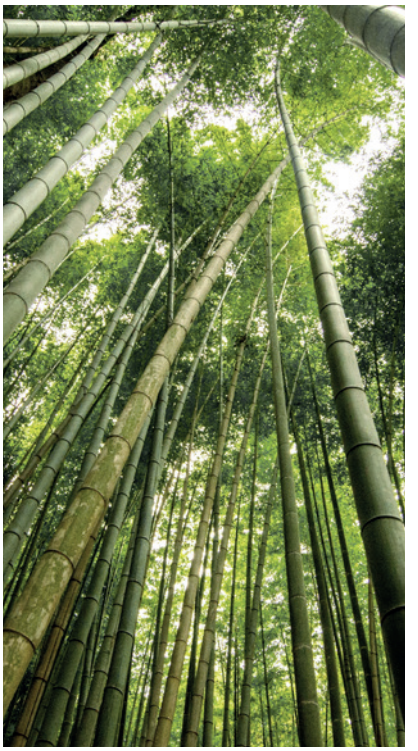




Champagne	502V3-51979C
Lemon	502V3-50674C
Sand	502V3-8861C
Buttercup	502V3-2166C
Peach	502V3-51974C
Sandy beige	502V3-2135C
Orange	502V3-8204C
Raspberry	502V3-2150C
Hemp	502V3-50265C
Antelope	502V3-51973C
Poppy	502V3-8255C
Pepper	502V3-2012C
Rust	502V3-50283C
Burgundy	502V3-8284C







Revival blue	502V3-51946C	Alpine blue	502V3-51975C	Tin green	502V3-51977C
Victoria blue	502V3-50677C	Lagoon	502V3-2160C	Spring green	502V3-51332C
Midnight blue	502V3-2161C	Porcelain green	502V3-50670C	Garden green	502V3-51978C
Marine	502V3-1125C	Peacock blue	502V3-51976C	Tennis green	502V3-8056C

Thermal and light transmission properties
(according to EN 14501)

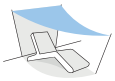
Proof		TS	RS	AS
502V3-1125C		5	17	78
502V3-1354C		0	10	90
502V3-2012C		1	29	70
502V3-2135C		5	61	34
502V3-2150C		12	45	43
502V3-2160C		5	34	61
502V3-2161C		6	27	67
502V3-2166C		14	57	29
502V3-2167C		0	16	84
502V3-2168C		1	46	53
502V3-2171C		1	41	58
502V3-8056C		0	9	91
502V3-8204C		15	11	38
502V3-8255C		18	37	45
502V3-8284C		1	15	38
502V3-8450C		0	6	94
502V3-8861C		4	67	29
502V3-50265C		1	48	51
502V3-50283C		5	35	60
502V3-50670C		1	21	78
502V3-50674C		10	59	31
502V3-50677C		7	33	60
502V3-51332C		1	31	68

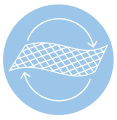
Proof		TS	RS	AS
502V3-51946C		1	22	77
502V3-51969C		11	77	12
502V3-51970C		11	77	12
502V3-51971C		2	66	32
502V3-51972C		0	17	83
502V3-51973C		0	18	82
502V3-51974C		5	66	29
502V3-51975C		6	53	41
502V3-51976C		1	24	75
502V3-51977C		2	49	49
502V3-51978C		6	33	61
502V3-51979C		11	72	17

TS	Solar Transmission in %
RS	Solar Reflection in %
AS	Solar Absorption in %
TS + RS + AS	=100% of the incident energy



Main applications

	Proof
Exterior solar protection	
 Shade-sail	✓
 Fixed pergola roof	✓
 Retractable pergola roof	✓



Recycled content base



Waterproof



Glare control



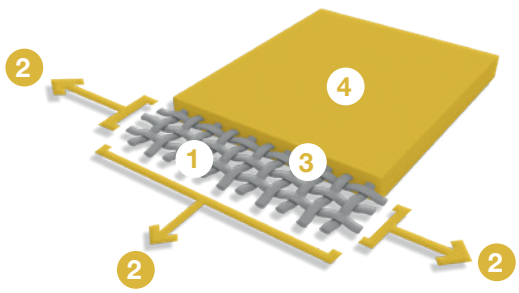
Wide range of colors

Act now to build a better tomorrow

Loop is a new generation of innovative products, made of recycled materials, which embodies our sustainable approach: *"Do better with less"*. This sentence reflects our will for lighter, more durable and high-performance membranes, without any additional environmental impact. Aimed at saving natural resources, Loop products are a forerunner of tomorrow, when we will be able to do even more with less.

Exclusive Précontraint® technology

This unique, world-patented technology involves maintaining the composite in bi-axial tension throughout the manufacturing cycle. It ensures our materials' exceptional performance characteristics, which ensure they exceed market standards in terms of long-term stability, strength, coating thickness and flatness.



1	High-tenacity polyester micro-yarn reinforcing mesh	Higher resistance to elongation and tearing
2	Coating under bi-axial, warp and weft tension	No deformation during installation and usage
3	Coating thickness covering top of yarns and dirt repellent surface treatment	Enhanced aesthetic and structural durability
4	Extremely flat and thin	Easy-to-clean smooth surface ensuring compactness and easy rolling

Soltis 502 Proof

	Technical properties
Composition	100% recyled PET yarns / Coating PVC
Weight EN ISO 2286-2	590 g/m² • 17.4 oz/sq. yd
Thickness	0.45 mm • 450 microns
Width	180 cm • 70.9 in

	Roll lengths
In 180 cm • 70.9 in width	40 lm • 43.74 yd

	Physical properties
Tensile strength (warp/weft) EN ISO 1421	220/220 daN/5 cm • 495/495 lbs/2 in
Tear strength (warp/weft) EN 17679	25/22 daN • 56/49 lbs

	Environmental properties
Carbon impact EN 15804 + A2	2.20 kg CO_2 eq/m²
	-28.6% compared to equivalent version without recycled content.

	Fire resistance
Rating	**M2**/NF P 92-507 **B1**/DIN 4102-1 **M2**/UNE 23727 **Class 2**/UNI 9177 **VKF 5.3**/SN 198898 BS 7837 **Schwerbrennbar Q1-Tr1**/ONORM A 3800-1 NFPA 701 Method 1 & 2 CSFM T19 **Class A**/ASTM E84 CAN ULC S109 AS/NZS 1530.2 & 1530.3 **Group 1**/AS/NZS 3837 **T2**/EN15619
Euroclass EN 13501-1	**B-s2,d0**

	Management systems
	Quality: ISO 9001 • **Environment**: ISO 14001 • **Energy**: ISO 50001

	Certifications, labels, warranty
Précontraint® Technology	10-year warranty

Soltissim: tool to evaluate energy savings that can be achieved with Soltis solar protection. Contact your Serge Ferrari representative.

[1] These products don't contain intentionally added PFAS (these products were not formulated or intended to contain a PFAS that imparts a specific function or characteristic to the product).
[2] Loop labels technical membranes incorporating recycled and/or bio-based materials.
[3] Summarizes the group's CSR project focused on human, to align economic performance and positive impact.

The technical data above are average values with a +/-5% tolerance.
The global warming value has been validated by the Bureau Veritas certification company.
The purchaser of our products is responsible for their application or transformation in relation to possible third party rights. The purchaser of our products is responsible for their installation in compliance with the standards, working practices and safety regulations of their destination country. Please refer to our warranty document with regard to contractual liability.
Values quoted in this document are commonly used test results for design purposes. They are given for information only in order to offer our customers optimum usage of our products. Our products are subject to improvements resulting from technical developments and we reserve the right to modify their characteristics at any time. The purchaser of our products is responsible for checking the above data.
The colors and textures presented are included for information only.

Serge Ferrari group

BUITINK TECHNOLOGY Advanced Lightweight Structures

sergeferrarigroup.com

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EN

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