

502
Proof

.....
new range
.....



Soltis 502 Proof

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

Environment

- The 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:

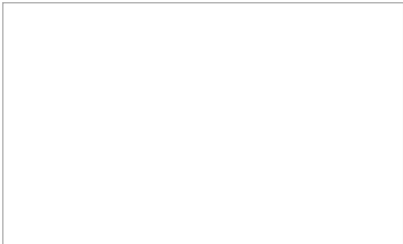
- does not tear or stretch, ensuring structures last over time
- durably resists UV impact thanks to rigorous pigment selection and thicker yarn crest coating than other market offers.



**Recycled
&
colorful**

Soltis 502

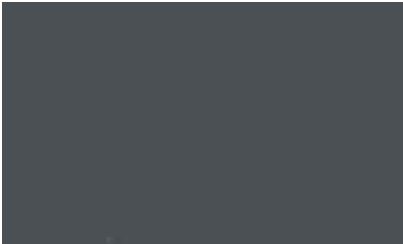
Proof



White 502V3-51969C



Boulder 502V3-2171C



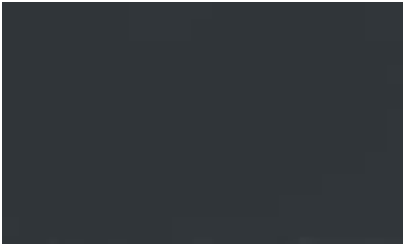
Concrete 502V3-2167C



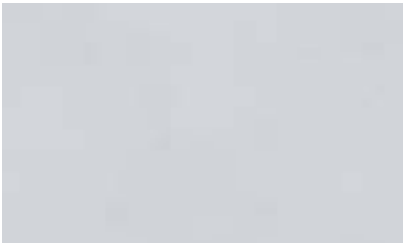
Pearl white 502V3-51970C



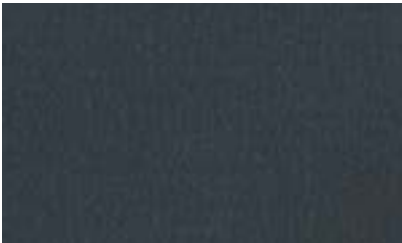
Aluminium 502V3-2168C



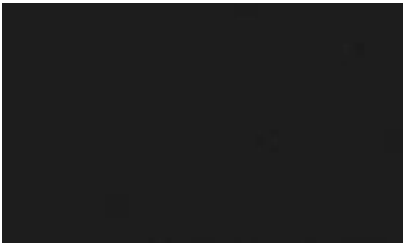
Anthracite 502V3-1354C



Enamel white 502V3-51971C



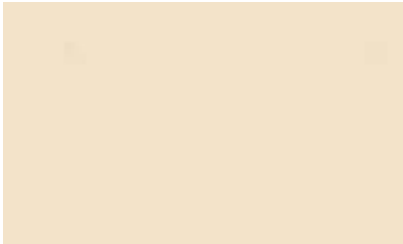
Titanium 502V3-51972C



Black 502V3-8450C



Titanium 502V3-51972C



Champagne 502V3-51979C



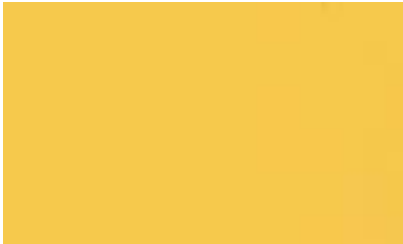
Lemon 502V3-50674C



Peach 502V3-51974C



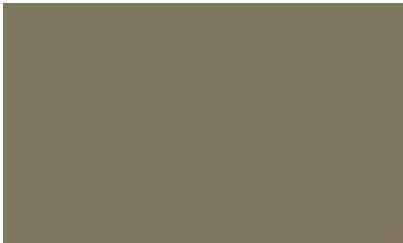
Hemp 502V3-50265C



Buttercup 502V3-2166C



Raspberry 502V3-2150C



Pepper 502V3-2012C



Orange 502V3-8204C



Poppy 502V3-8255C



Antelope 502V3-51973C



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



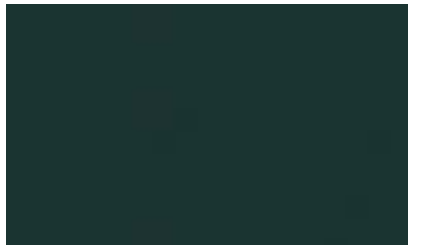
Marine

502V3-1125C



Peacock blue

502V3-51976C



Tennis green

502V3-8056C

Thermal and light transmission properties
(according to EN 14501)

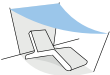
		TS	RS	AS
Proof				
502V3-1125C		6	17	77
502V3-1354C		0	10	90
502V3-2012C		1	38	61
502V3-2150C		12	45	43
502V3-2160C		5	35	60
502V3-2161C		6	28	66
502V3-2166C		15	58	27
502V3-2167C		0	18	82
502V3-2168C		1	46	53
502V3-2171C		2	51	47
502V3-8056C		0	10	90
502V3-8204C		16	47	37
502V3-8255C		18	37	45
502V3-8284C		1	11	88
502V3-8450C		0	6	94
502V3-50265C		1	47	52
502V3-50283C		5	35	60
502V3-50670C		1	22	77
502V3-50674C		10	59	31
502V3-50677C		7	34	59
502V3-51332C		1	31	68

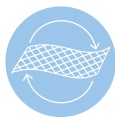
		TS	RS	AS
Proof				
502V3-51946C		1	22	77
502V3-51969C		11	77	12
502V3-51970C		11	77	12
502V3-51971C		2	66	32
502V3-51972C		0	17	83
502V3-51973C		0	18	82
502V3-51974C		5	66	29
502V3-51975C		6	53	41
502V3-51976C		1	24	75
502V3-51977C		2	49	49
502V3-51978C		6	33	61
502V3-51979C		11	72	17

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

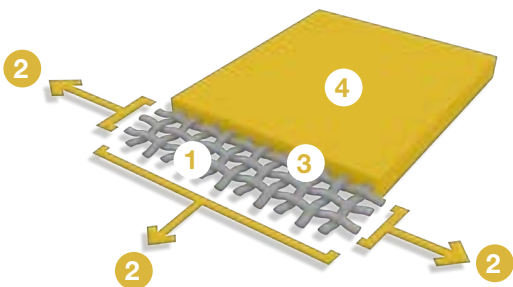
Act now to build a better tomorrow



Soltis 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, the Soltis Loop® ranges 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% recycled 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) DIN 53.363	25/22 daN • 56/49 lbs
Carbon impact	
Global warming EN15804 + A1	2.20 k CO ₂ eq/FU
-28.6% compared to equivalent version without recycled content.	
Fire resistance	
Rating*	M2/NF P 92-507 B1/DIN 4102-1 M2/UNE 23.727-90 Classe 2/UNI 9177-87 VKF 5.3/SN 198898 BS 7837 Schwerbrennbar Q1-Tr1/ONORM A 3800-1 Method 1/NFPA 701 Method 2/NFPA 701 CSFM T19 Class A/ASTM E84 CAN ULC S109 AS/NZS 1530.2 AS/NZS 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
	
	
	

¹ 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.

*Fire certification ongoing.

The colors and textures presented are included for information only.