

Serge Ferrari

Soltis
Proof 502

Colorful, Durable,
Waterproof Membrane



Applications

Awnings, canopies, pergolas, shade sails, light structures, fixed shading systems



Unfailing resistance
for colorful projects

■ 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 your designs
- flexibility and strength provide freedom of shape and size.

■ Innovation and performance

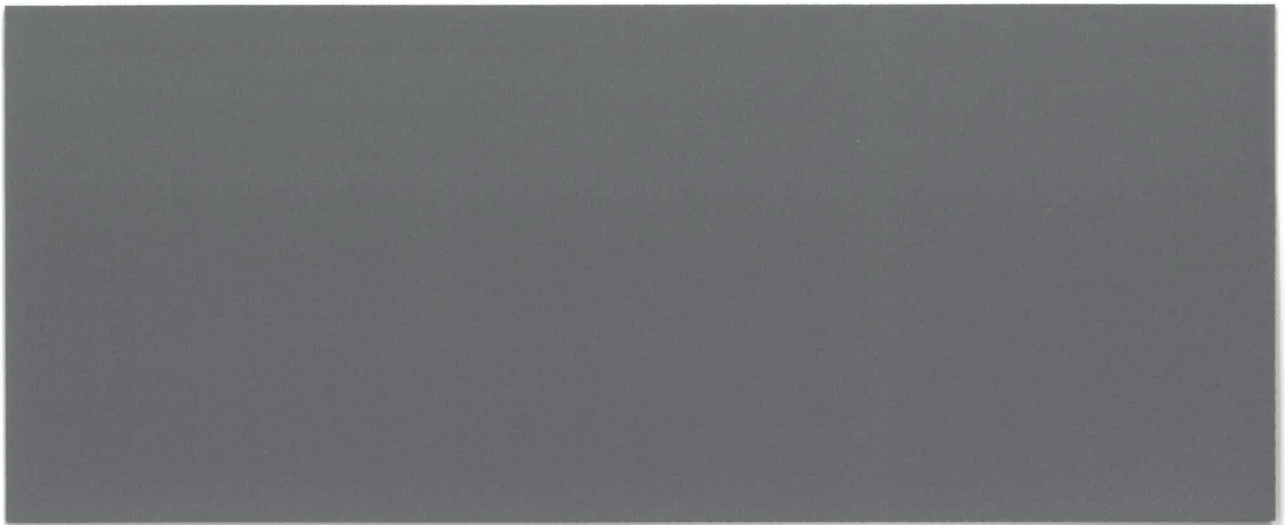
- a weldable PVDF surface treatment improves dirt resistance
- a very smooth finish ensures easy upkeep
- tried and tested protection against heat and bad weather for year-round comfort
- maximum UV protection: Soltis® Proof 502 blocks 100% UV rays (UPF 50+ for all colors).

■ Proven longevity

Thanks to its 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 coating over the yarn crest than the competition





Concrete 70.8 in

502V2-2167C



White 70.8 in

502V2-8102C



Boulder 70.8 in

502V2-2171C



Concrete 70.8 in

502V2-2167C



Black 70.8 in

502V2-8450C

Metallic colors



Velvet red 70.8 in

502V2-2152C



Autumn 70.8 in

502V2-2138C

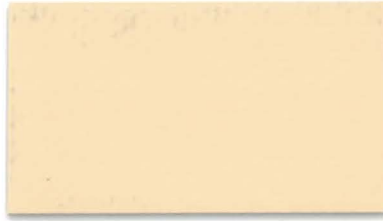


Aluminium 70.8 in

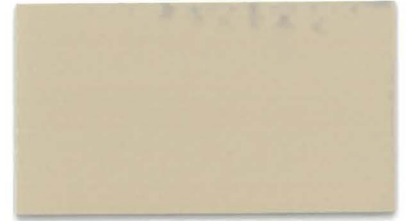
502V2-2168C



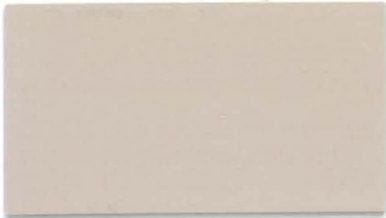
Champagne 70.8 in 502V2-8341C



Vanilla 70.8 in 502V2-8861C



Hemp 70.8 in 502V2-50265C



Sandy beige 70.8 in 502V2-2135C



Pepper 70.8 in 502V2-2012C



Camel 70.8 in 502V2-2141C



Cocoa 70.8 in 502V2-2148C



Teak 70.8 in 502V2-50669C



Walnut stain 70.8 in 502V2-2137C



Lemon 70.8 in 502V2-50674C



Buttercup 70.8 in 502V2-2166C



Dijon 70.8 in 502V2-50671C



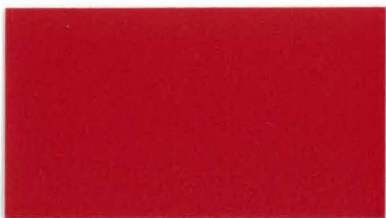
Orange 70.8 in 502V2-8204C



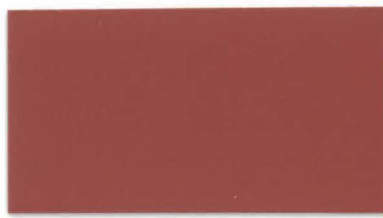
Carrot 70.8 in 502V2-2172C



Raspberry 70.8 in 502V2-2150C



Poppy 70.8 in 502V2-8255C



Terracotta 70.8 in 502V2-20185C



Burgundy 70.8 in 502V2-8284C



Aniseed 70.8 in 502V2-2157C



Olive 70.8 in 502V2-50668C



Moss green 70.8 in 502V2-2158C



Porcelain green 70.8 in 502V2-50670C



Tennis green 70.8 in 502V2-8056C



Spruce 70.8 in 502V2-2156C



Celadon 70.8 in 502V2-50675C



Steel blue 70.8 in 502V2-50676C



Lagoon 70.8 in 502V2-2160C



Dark blue 70.8 in 502V2-50673C



Thistle blue 70.8 in 502V2-50270C



Celestial blue 70.8 in 502V2-50672C



Victoria Blue 70.8 in 502V2-50677C



Midnight blue 70.8 in 502V2-2161C



Marine 70.8 in 502V2-1125C

■ 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	18	82
502V2-2138C		2	34	64
502V2-2141C		6	49	45
502V2-2148C		1	25	74
502V2-2150C		12	45	43
502V2-2152C		7	38	55
502V2-2156C		1	15	84
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		1	27	72
502V2-2168C		1	46	53
502V2-2171C		2	51	47
502V2-2172C		14	49	37
502V2-8056C		1	18	81
502V2-8102C		11	80	9
502V2-8204C		16	47	37
502V2-8255C		18	37	45
502V2-8284C		1	18	81
502V2-8341C		11	72	17
502V2-8450C		0	16	84
502V2-8861C		4	65	31
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 (%)

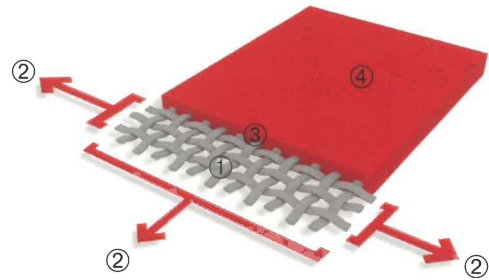
AS: Solar Absorption (%)

RS: Solar Reflection (%)

TS + RS + AS = 100% of incident energy

■ Exclusive Précontraint® technology

Patented worldwide, the Précontraint® technology by Serge Ferrari involves keeping the composite under tension throughout the manufacturing process. This gives our materials exceptional performance that enables 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
Thicker 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 easy to clean finish, space saving, easy rolling

Soltis

Proof 502

	■ Technical properties	Standards
Weight	16.8 oz/yd ²	EN ISO 2286-2
Thickness	0.45 mm	
Width	70.8 in	
	■ Length of rolls	
Standard format length	43.7 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	Method 1 & 2/NFPA 701 — CSFMT19 — CLASS A/ASTM E84 — CAN/ULC-S109 — M2/NFP 92-507 B1/DIN 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 G1/GOST 30244-94 — CPAI 84	
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	
	— Maintenance manual available on request	

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.

10-year limited warranty SOLTIS PROOF 502

Applications: Awnings, canopies, shade sails

Subject to all the terms and conditions contained herein and with specific reference to the percentage of Serge Ferrari liability chart contained herein, Serge FERRARI hereby provides a ten (10) year limited warranty for the products SOLTIS PROOF 502.

1) Compliance with specifications

Serge Ferrari warrants that the product shall at the time of delivery at Serge Ferrari's plant of manufacture, meet all technical specifications stated in the published Serge Ferrari data sheets.

2) Compliance with sustainability & functionality requirements

Serge Ferrari warrants the sustainability & functionality of the concerned membrane. Given the current knowledge, mechanical or aesthetic changes cannot be avoided by use conditions or circumstances environment. The guarantee provided by Serge Ferrari could not be committed in this context and any legal action against it would be null and void.

3) Compliance with our commitments

In the event of default occurring and reported during the warranty period, under normal use and if it can be proved that the defect in the membrane decreases the performance and function of the article made, Serge Ferrari accepts the replacement at its expense the only defective material to the exclusion of any other involvement.

4) Waterproofing

Serge Ferrari warrants that the products shall remain waterproof for a period of 10 (ten) years following the delivery of the product from Serge FERRARI plant of manufacture.

Each of the above described warranties are herein described collectively as the "Limited warranty".

WARRANTY APPLICATION CONDITIONS

The warranty takes effect on the day of delivery of the Serge Ferrari membrane to the customer.

The right to warranty only applies if the imperfections are reported by registered letter with acknowledgement of receipt to Serge Ferrari within a maximum time period of 30 calendar days of their occurrence; the invoice of the goods must also have been fully paid. Failure to notify Serge Ferrari within thirty (30) days following the discovery of any defect shall render this limited warranty null, void and of no legal effect with respect to that particular defect. After notification of an alleged defect, Serge Ferrari shall be entitled to inspect the product in order to take appropriate steps for timely corrective measures. In the event Serge Ferrari representatives are denied the right to inspect the alleged defect, this limited warranty shall be null, void and of no legal effect with respect to such defect. This warranty does not therefore cover the labour costs or those resulting from the disassembling, reassembling and transportation operations. Furthermore, no compensation is provided for under the terms of this warranty.

Under the guarantees described above, and subject to the exclusions hereafter, we will supply the necessary yardage to replace.

Defect Occurring in	Serge Ferrari Liability Percentage of Reimbursement of the material
1 st year	100
2 nd year	80
3 rd year	65
4 th year	50
5 th year	40
6 th year	30
7 th year	25
8 th year	20
9 th year	15
10 th year	10



SERGE FERRARI sas

BP 54 – 38352 La Tour-du-Pin Cedex – France • T + 33(0)4 74 97 41 33 • F + 33(0)4 74 97 67 20

SAS AU CAPITAL DE 3 521 600 € – SIRET 300 821 873 00019 – APE 1396 Z – N° IDENT. TVA FR 38 300 821 873

www.sergeferrari.com

WARRANTY EXCLUSIONS:

The warrantor refuses participation in a warranty, if it unilaterally notes a defect involving the product (SOLTIS PROOF 502) or its accessories, which can be attributed the following causes:

- (I) Non-compliance with installation recommendations and directions issued by the warrantor.
- (II) Lack of fabric tension (for example slack, skewness, flapping and/or creasing). SOLTIS PROOF 502 must remain faultlessly tensioned.
- (III) Tear or repair during installation.
- (IV) Improper usage, negligence, product alterations, accidental damage of external covering, premature wear, rubbing, scratching, perforation exceeding normal wear.
- (V) Exposure to chemicals, damage caused by machinery, devices or persons, excessive pressure, exceptional meteorological conditions, falling objects, explosions, fire, flooding, rioting, civil unrest, war, resorting to violence, faulty installation or improper implementation, radiation, aggressive vapour or dust in suspension.
- (VI) Damage during storage or installation by installer or final customer, exposure to heavy air pollution, cleaning with over-aggressive or unsuitable products.
- (VII) Application to or within structures non-compliant with construction standards applicable at the installation location, repairs or alterations causing loss of product performance performed by a person unauthorised by the warrantor.
- (VIII) Any operation subsequent to material delivery, such as printing (notwithstanding the method used), welding or thermo-gluing of additional parts or fabrics.

On declaration of the defect referred to, the warrantor reserves the right to inspect and test the implicated product to determine the measures to be taken to remedy the defect. The warrantor, moreover, refuses any liability under the warranty, if the third party breaches the right of the representatives of the warrantor to examine the defect referred to.

LIMITATION OF LIABILITY: this limited warranty is the exclusive warranty with respect to the products and is in lieu of and supersedes all other representations or warranties, whether written or oral, express or implied. Serge Ferrari expressly disclaims any implied warranties of merchantability or fitness for a particular purpose. The sole and exclusive remedies of any person relating to the products, and the full liability of Serge Ferrari for any breach of this warranty, are those provided in this limited warranty. Other than as provided in this limited warranty, any user of the products hereby agrees and acknowledges that no other warranties are offered or provided in connection with or for the products or any part thereof.

Only here named Serge FERRARI membrane is subject to the limited warranty concerned. Thus Serge Ferrari shall not be liable for any loss of profits or revenue, loss of use of equipment or facility, cost of capital or for any other special, indirect, incidental or consequential damages of any nature resulting from or in any manner relating to the Products covered hereby, their design, use, any inability to use the same or any delay in the delivery of the same.

Should the Products prove so defective, however as to preclude the remedying of warranted defects by repair or replacement, the customer's sole and exclusive remedy shall be the refund of the purchase price of the fabric, or part thereof which is defective, upon its return to Serge Ferrari.

The terms and provisions of this Limited Warranty shall be governed by, construed under and enforced in accordance with, the laws of France, without regard to Uniform United Nations Conventions.

Any questions, inquiries or claims under this Limited Warranty shall be directed to:

Serge Ferrari sas
B.P. 54 38352
La Tour du Pin Cedex France

Valid from the 15th of October 2015 - Ensure to possess valid warranty document at the time of project



SERGE FERRARI sas

BP 54 - 38352 La Tour-du-Pin Cedex - France • T + 33(0)4 74 97 41 33 • F + 33(0)4 74 97 67 20

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**Recommended cleaning instructions for
Precontraint® 502, 502 Stripes, 542 Stripes,
Stam 6002 –Solids & Stripes,
Soltis® 86, 92, 93, 99**

- Lay out the fabric on a flat area, Moisten the fabric with clean water. Add a solution of cleaning agent to the fabric, specifically **APCO Vinyl Cleaner Plus**. a.k.a. APCO Vinyl Cleaner HD
- Brush the fabric using a soft bristle brush with feathered ends and allow the solution to do most of the work, Do Not grind the bristles into the fabric.
- Rinse. Duplicate effort on second side. (A solution of 10% bleach can be brushed onto the fabric to kill any mildew spores that may have remained.)
- Rinse all residue from the solution of 10% bleach. Duplicate effort on second side. Goods should be hung to dry.

Finally an application of **APCO Vinyl Protectant** should be added to the surface after the 'post-wash' drying time .

- Repeat application on the other side of the fabric. Goods should be hung to dry.
- Reinstall the fabric on its' framework.

**To obtain APCO Cleaning Products, contact:
Awning Cleaning, Inc., 31 Fitch Street, New Haven, CT 06515
(800) 542-3009 www.cleancanvas.com**

Apco Brand Cleaners/Protectants are powerful, industrial strength, high-tech fabric care products for cleaning ease and superior fabric protection. All products are non-toxic and the cleaners are certified by EPA standards as completely biodegradable.

Awning Cleaning, Inc., has enjoyed tremendous success with the APCO brand of cleaning solutions and protectants and sells to commercial accounts and directly to consumers. Product codes: M605 for the APCO Vinyl Cleaner Plus, M601 for the APCO Vinyl Protectant. Serge Ferrari Group has certified specific biodegradable APCO formulations for our Tent products too.
