PRECONTRAINT

502 SATIN

Serge Ferrari

MAIN FEATURES

- Satin finish
- Reinforced dirt resistance and easy cleanability
- Dimensional stability
- 10 year warranty *
- Longevity

APPLICATIONS

- Facade blinds, awnings
- Canopies
- Velums and pergolas
- Shade sails
- Light structures and fixed awnings

Satin finish compliments current architectural trends

Maximum creativity

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

Aesthetics and comfort that lasts

Innovation and Performance

- A weldable PVDF treatment improves dirt resistance
- A very smooth finish ensures easy upkeep.
- Protection against heat, inclement weather conditions for your comfort all year long.
- A maximum UV protection : Precontraint 502 Satin filters 100% of UVB rays (UPF 50+ for all the colours)

Durability and reliability guaranteed by Précontraint Serge Ferrari® technology

Proven longevity

- Exceptional long-term mechanical resistance avails the most demanding structures.
- High UV resistance of colours due to rigorous pigment selection.

* For static applications

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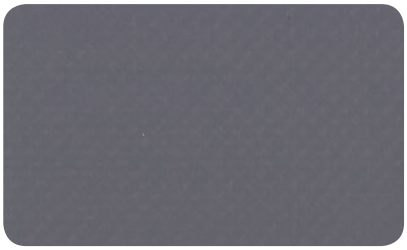
Concrete 502V2-2167C

White 502V2-8102C

Boulder 502V2-2171C



Concrete 502V2-2167C

Black 502V2-8450C

METALLIC COLOURS

Velvet red 502V2-2152C

Automn 502V2-2138C

Aluminium 502V2-2168C

Champagne	502V2-8341C	**Vanilla**	502V2-8861C	**Hemp**	502V2-50265C
Sandy beige	502V2-2135C	**Pepper**	502V2-2012C	**Camel**	502V2-2141C
Cocoa	502V2-2148C	**Teak**	502V2-50669C	**Walnut stain**	502V2-2137C
Lemon	502V2-50674C	**Buttercup**	502V2-2166C	**Dijon**	502V2-50671C
Orange	502V2-8204C	**Carrot**	502V2-2172C	**Raspberry**	502V2-2150C
Poppy	502V2-8255C	**Terracotta**	502V2-20185C	**Burgundy**	502V2-8284C

Aniseed 502V2-2157C	**Olive** 502V2-50668C	**Moss green** 502V2-2158C
Porcelain green 502V2-50670C	**Tennis green** 502V2-8056C	**Spruce** 502V2-2156C
Celadon 502V2-50675C	**Steel blue** 502V2-50676C	**Lagoon** 502V2-2160C
Dark blue 502V2-50673C	**Thistle blue** 502V2-50270C	**Celestial blue** 502V2-50672C
Victoria Blue 502V2-50677C	**Midnight blue** 502V2-2161C	**Marine** 502V2-1125C

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

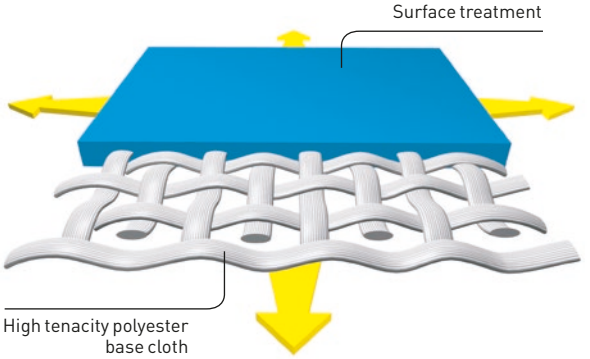
Solar and light properties (EN 14501)

Reference	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 (%)
RS : Solar Reflection (%)
AS : Solar Absorption (%)
TS + RS + AS = 100% of incident energy

Exclusive **Précontraint Serge Ferrari®** technology

Patented worldwide, Précontraint Serge Ferrari® technology involves keeping the composite under tension throughout the manufacturing cycle.



Strength characteristics	Benefits*
• Exceptional dimensional stability	• **No deformation; won't sag**
• Long-term strength	• **Tear resistant**
• Greater coating thickness at the top of the yarns	• **Long-term aesthetics and strength**
• Exceptional flatness	• **Smooth finish, easy maintenance**

PRECONTRAINT

502 SATIN

Technical properties	Précontraint 502 SATIN	Standards
Weight	570 g/m2 • 16.8 oz/sqyd	EN ISO 2286-2
Width	180 cm • 70.9"	
Length of the 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 • **M2**/UNE 23727 • **Method 1 and 2**/NFPA 701 • CSFMT19 • **CLASS A**/ ASTME84 • BS 7837 • **B1**/DIN 4102-1 • **CLASSE 2**/UNI 9177 • CAN/ULC-S109 • **SchwerbrennbarQ1-Tr1**/ONORM A3800-1• 1530.2/**AS**/NZS **G1**/GOST 302944-94 • **B-s2,d0**/EN 13501-1	
Euroclass	**B-s2,d0**/ EN 13501-1	
Management system		
for Quality		ISO 9001
Certifications, labels, guarantees, recycling capacity		

Motorized retractable exterior screen absorb heat, reduce glare and block the sun, provide rain protection, reduce wind speed to create your ideal ambiance. Motorized retractable screen provide a comfortable interior by blocking solar rays, which protects your furnishings, reduces glare and also saves money on cooling costs. Motorized exterior screens can also be used in places such as windows, doors, and especially larger openings in porch to create a pleasant and pest-free outdoor area to enjoy.
We use the best material available with quality fabrication using High Frequency (HF) Radio Frequency (RF) welding is the joining of Ferrari textile materials by supplying HF energy in the form of an electromagnetic field (27.12 MHz) and pressure to the material surfaces to be joined. A generator produces the energy. The tool used to supply the energy is called an electrode. The electrical energy causes the molecules within the material to start moving, which generates heat that causes the material to soften and thereby fuse together. No outside heat is applied. It is instead generated within the material. After cooling the welded surface under maintained pressure, the material is fused and a weld has been created. The weld seam can be at least as strong as the surrounding material – or even stronger. Contact us at http://flshutters.com/
Retractable solar screen, exterior screen and exterior shade.

Serge Ferrari