

PRECONSTRAINT

502



WORLD OF
**AWNINGS
& CANOPIES**



PRECONTRAIN

502



Raspberry

502-2150

Emerging colors

This is a strongly urban harmony integrating both neutral or discreet shades and more sophisticated hues that sparkle in light, delicately suggesting metal.



White

502-8102



Lagoon

502-2160



Concrete

502-2167



Mastic

502-2144



Turtledove

502-2163



Cornflower

502-2159



Shifting grey

502-1499



Aluminium

502-2168

Design illusion

Contemporary architecture ventures flashy, almost fluorescent colors, which assert themselves. This bright, saturated color harmony clearly reflects a current trend, allowing every contrast.



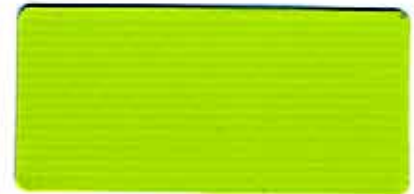
Spruce

502-2156



Tennis

502-8056



Aniseed

502-2157



Carrot

502-2172



Mandarin

502-8204



Buttercup

502-2166



Blackcurrant

502-2165



Raspberry

502-2150

Evolving with time

The colors appear to be taken directly from nature's palette; evoking an evolving plant world.



Burgundy

502-8284



Beetle

502-2149



Moss green

502-2158



Walnut stain

502-2137



Dead leaf

502-2138



Pepper

502-2012



Tuscan

502-2173



Gold

502-2145

Body Language

This powerfully carnal harmony is inspired by a variety of skin complexions. These colors are soft and velvety: they convey a certain neutrality by remaining sober and subtle.



Cocoa

502-2148



Camel

502-2141



Vanilla

502-8861



Violet parma

502-2164



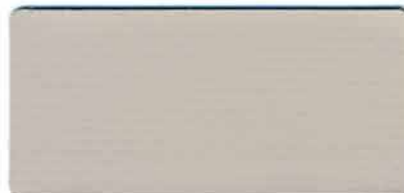
Pale pink

502-2151



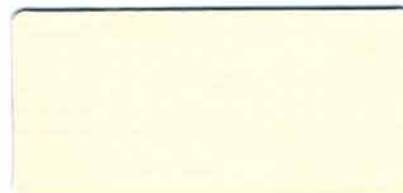
Chick

502-1013



Sandy beige

502-2135



Champagne

502-8341

Distinction

This darker harmony is inspired by a strange nocturnal world. The colors are ambiguous, some of them bring a dynamic to the whole.



Slate

502-2162



Navy

502-1125



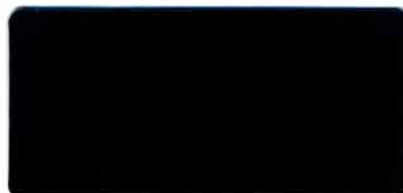
Midnight blue

502-2161



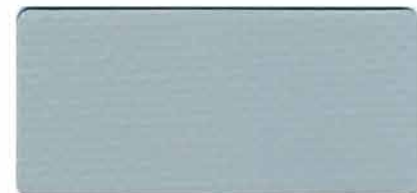
Onyx

502-2136



Black

502-8450



Boulder

502-2171



Velvet red

502-2152



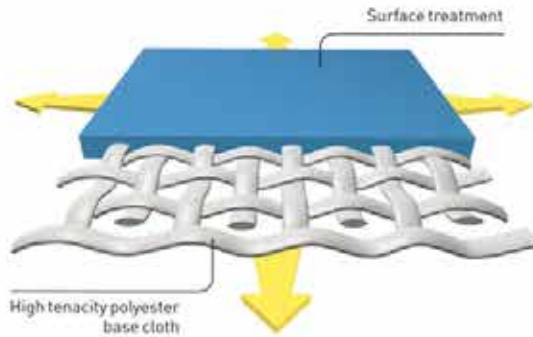
Poppy

502-8255

Exclusive Précontraint Serge Ferrari® technology



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



Strength characteristics

- Exceptional dimensional stability
- Long-term strength
- Greater coating thickness at the top of the yarns
- Exceptional flatness

Benefits

- **No deformation; won't sag**
- **Tear resistant**
- **Long-term aesthetics and strength**
- **Smooth finish, easy maintenance**

Solar and light properties (EN 14501)

Reference	TS	RS	AS	Reference	TS	RS	AS
502-1013	10	61	29	502-2160	5	35	60
502-1125	4	21	75	502-2161	6	28	66
502-1499	4	48	48	502-2162	6	25	69
502-2012	4	44	52	502-2163	5	48	47
502-2135	7	58	35	502-2164	7	50	43
502-2136	2	15	83	502-2165	15	29	56
502-2137	6	22	72	502-2166	12	56	32
502-2138	4	36	60	502-2167	2	29	69
502-2141	8	52	40	502-2168	1	43	56
502-2144	7	66	27	502-2171	4	48	48
502-2145	7	57	36	502-2172	12	47	41
502-2148	4	30	66	502-2173	12	42	46
502-2149	3	24	73	502-8056	3	20	77
502-2150	11	46	43	502-8102	10	76	14
502-2151	8	60	32	502-8204	16	41	43
502-2152	9	37	54	502-8255	20	37	43
502-2156	4	15	81	502-8284	6	24	70
502-2157	8	47	45	502-8341	10	68	22
502-2158	4	34	62	502-8450	2	19	79
502-2159	5	46	49	502-8861	7	61	32

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

Matching colors with PRECONTRAIT 502 STRIPES



582-50056



582-50054



582-50057



582-50055



582-50051



582-50053



582-50052



582-50050



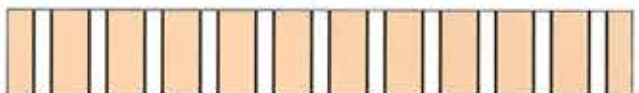
582-50048



582-50046



582-50049



582-50047

MAIN FEATURES

- Flexibility and strength
- Heat and weather protection
- High UV resistance
- Permanent translucence
- Wide range of colors

APPLICATIONS

- Awnings
- Canopies
- Shade sails
- Light structures
- Tents



Color range meets current architectural trends

Color for creativity

- A palette of 40 colors including metallic finishes and interferential colors.
- 5 color collections to give personality to the most varied designs.
- A unique range coordinated with other Serge Ferrari products to harmonize blinds, facades and other textile coverings.



Natural translucency of the membranes blocks the UV but allows for natural light

High-performance thermal protection

The wide range of colors enables selection to each specific location and:

- contributes to optimized user comfort,
- enhances the aesthetic aspirations of each project.



Durability and reliability guaranteed by Précontraint Serge Ferrari® technology

Proven robustness

- Flexibility and strength providing total freedom of shape and size.
- High UV resistance due to rigorous pigment selection.
- Easy upkeep ensured by a very smooth finish and an innovative surface treatment.

PRECONSTRAINT

502

Technical properties	Préconstraint 502	Standards
Yarn	1100 dtex PES HT	
Weight	17.4 oz/sqyd	EN ISO 2286-2
Width	70.9 inches	
Physical properties		
Tensile strength (warp/weft)	250/250 daN/ 5 cm	EN ISO 1421
Tear strength (warp/weft)	25/20 daN	DIN 53.363
Adhesion	9/9 daN/ 5 cm	EN ISO 2411
Surface treatment		
Finish	Varnish both sides	
Flame retardancy		
Rating	M2/NFP 92-507 • B1/DIN 4102-1 • BS 7837 • 1530.3/AS/NZS • SP METHOD 2205 M2/UNE 23.727-90 • VKF 5.3/SN 198898 • Schwerbrennbar Q1-Tr1/ONORM A3800-1 CLASSE 1/UNI 9177-87 • METHOD 1/NFPA 701 • CSFM T19 • CLASS A/ASTM E84 G1/GOST 30244-94 • CAN ULCS109	
Euroclass	B-s2,d0/ EN 13501-1	
Management system		
for Quality	ISO 9001	
Certifications, labels, guarantees, recycling capacity		



The above technical data represent average values subject to a +/-5% tolerance.

The buyer of our products is fully responsible for their application and their transformation with regard to 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 subject to changes based on technical advances and we reserve the right to modify their characteristics at any time. The buyer of our products is responsible for checking the validity of the above data.



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