Technical properties

Précontraint 502 Standards

Yarn 1100 dtex PES HT

Weight 590 g/m² EN ISO 2286-2

Width 180 cm

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

- /NFP 92-507 • /DIN 4102-1 • BS 7837 • /AS/NZS • SP METHOD 2205 /UNE 23.727-90
- /SN 198898 • /ONORM A 3800-1 /UNI 9177-87 • /NFPA 701 • CSFM T19 • /ASTM E84

/GOST 30244-94 • CAN ULCS109

Euroclass / EN 13501-1

Management system

for Quality ISO 9001

Certifications, labels, guarantees, recycling capacity

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• Contact and project forms available at: www.sergeferrari.com

Specifi cation department

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Texyloop

An operational recycling chain

• www.texyloop.com

www.sergeferrari.com

TOOLS AND SERVICES

• Maintenance manual and Life Cycle Assessment (LCA) available on request

High-performance thermal protection

The wide range of colours enables selection to each specific location and:
• contributes to optimized user comfort,
• enhances the aesthetic aspirations of each project.

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.

Colour for creativity

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

Colours range meets current architectural trends

Protects from external attack, maintains natural light supply

Durability and reliability guaranteed by Précontraint Serge Ferrari® technology

MAIN FEATURES

• Flexibility and strength
• Heat and weather protection
• High UV resistance
• Permanent translucence
• Wide range of colours

APPLICATIONS

• Facade blinds, awnings
• Canopies
• Shade sails
• Light structures

Précontraint is a Serge Ferrari registered trade mark.

Jean Vasseur Communication - GB 946 FEV 2012/V9.01

Cover photos: Puerta de America Hotel, Madrid (ES)
Interior photos: White Water World, Coomera (AU) • Casa San Domingo, Antigua (GT) • Children’s Hospital, Saint Louis (US)
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Finish Varnish both sides

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Rating

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Colours range meets current architectural trends

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COLOUR RANGE

A palette of 40 colours including metallic finishes and interferential colours.

5 colour collections to give personality to the most varied designs.

A unique range coordinated with other Serge Ferrari products to harmonise blinds, facades and other textile coverings.

MAIN FEATURES

• Flexibility and strength

• Heat and weather protection

• High UV resistance

• Permanent translucence

• Wide range of colours

APPLICATIONS

• Facade blinds, awnings

• Canopies

• Shade sails

• Light structures

Durability and reliability guaranteed by Précontraint Serge Ferrari® technology
Emerging colours

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
Mastic  502-2144
Shifting grey  502-1499
Lagoon  502-2160
Turtledove  502-2163
Aluminium  502-2168
Concrete  502-2167
Cornflower  502-2159
Design illusion
Contemporary architecture ventures flashy, almost fluorescent colours, which assert themselves. This bright, saturated colour harmony clearly reflects a current trend, allowing every contrast.

Evolving with time
The colours appear to be taken directly from nature’s palette; evoking an evolving plant world.
Body Language
This powerfully carnal harmony is inspired by a variety of skin complexions. These colours are soft and velvety: they convey a certain neutrality by remaining sober and subtle.

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

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**TS**: Solar Transmission [%]
**RS**: Solar Reflection [%]
**AS**: Solar Absorption [%]
**TS + RS + AS = 100% of incident energy**
Technical properties
Précontraint 502 Standards

Yarn: 1100 dtex PES HT
Weight: 590 g/m² EN ISO 2286-2
Width: 180 cm

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:
- /NFP 92-507
- /DIN 4102-1
- BS 7837
- /AS/NZS
- /SP METHOD 2205
- /UNE 23.727-90
- /SN 198898
- /ONORM A 3800-1
- /UNI 9177-87
- /NFPA 701
- CSFM T19
- /ASTM E84
- /GOST 30244-94
- CAN ULCS109
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for Quality
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• www.texyloop.com

Tools and services
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Matching colours with Précontraint 502 stripes

Colours range meets current architectural trends
Protects from external attack, maintains natural light supply

Durability and reliability guaranteed by Précontraint Serge Ferrari® technology

Main features
• Flexibility and strength
• Heat and weather protection
• High UV resistance
• Permanent translucence
• Wide range of colours

Applications
• Facade blinds, awnings
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Jean Vasseur Communication - GB 946 FEV 2012/V9.01

Cover photos: Puerta de America Hotel, Madrid (ES)
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Technical properties Précontraint 502 Standards

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