

# PRECONTRAIT® 502

## Textile membranes for awnings and sail shades

Main applications: fixed blinds, awnings, sail shades, canopies, light structures, etc.

### A unique coordinated range

The 40 new colors in the Précontraint® 502 range have been specially created by a designer with all industrial and architectural applications in mind. The adaptation to current and future color trends and the addition of metallic finishes and interferential colors bestow enduring individual traits to every project.

This unique range is very closely coordinated with other Ferrari® products ranges and facilitates the harmonization of awnings to interior solar blinds, exterior canopy structures, façades and other textile coverings.



White Water World - Australia

### High-performance thermal protection



Sail shade, France

The wide color range makes selections easy, to obtain required heat protection properties. New formulations ensure high-performance thermal protection systems for window blind, shading fabric or canopy designs.

High heat-reflection capacities of certain colors can contribute to enhanced user comfort.

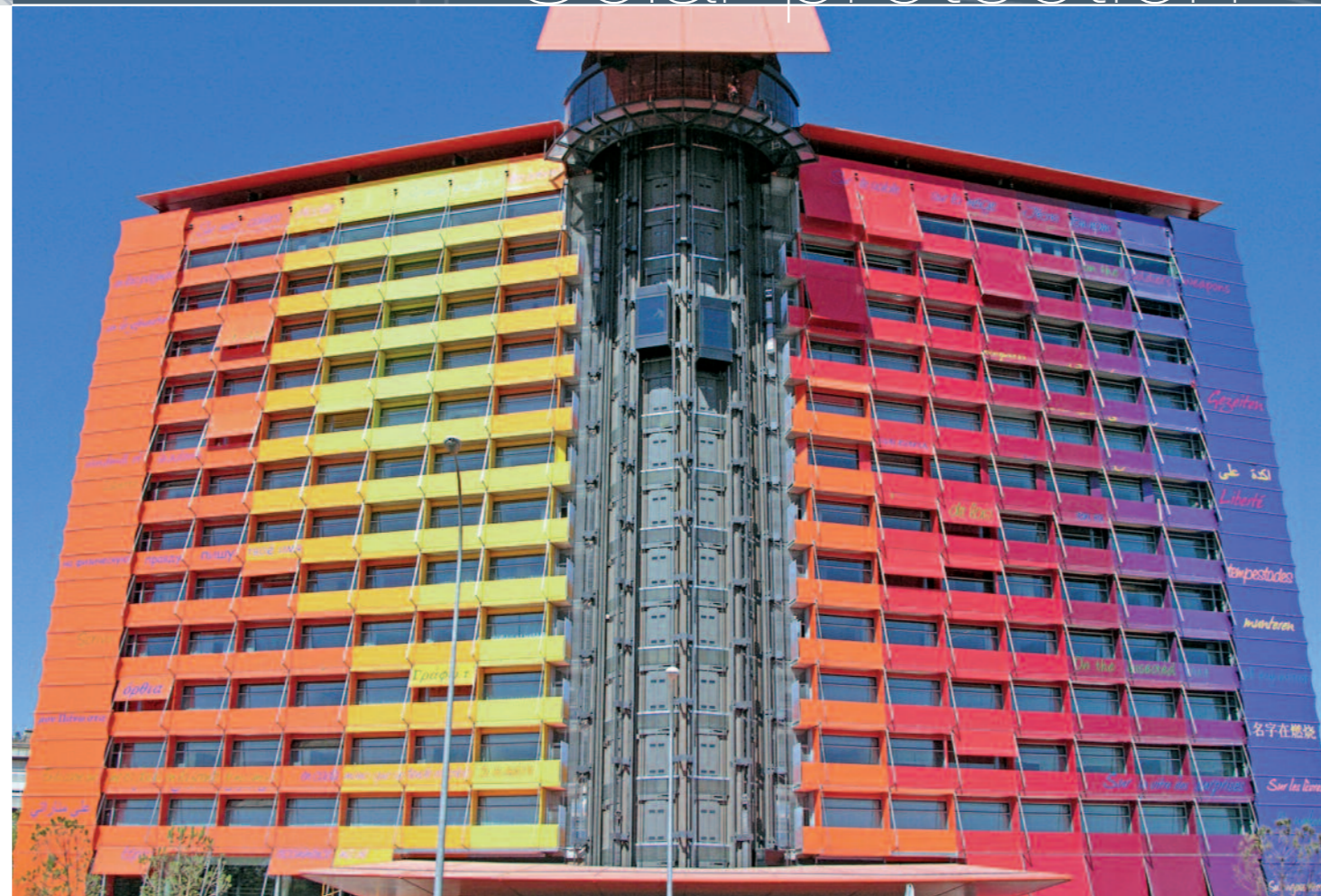
### Enduring technical benefits

The full advantage of Ferrari® Précontraint® technology is reflected in the Précontraint® 502 range. It offers many advantages to every type of project: dimensional stability for shading fabrics; unmatched strength for canopies and large-sized applications; high UV resistance due to rigorous pigment and surface treatments; ease of maintenance with a consistent smooth appearance.



Children's Hospital, St. Louis, United States

# Solar protection



# Solar protection

## PRECONTRAIT® 502

Technical properties	Précontraint® 502	Standards
Yarn	1100 dtex PES HT	<b>TERSUISSE</b> ☉
Weight	17.4 oz/sqyd	EN ISO 2286-2
Width	70.87 inches	
Tensile strength (warp/weft)	270/240 Lbs/inch	ASTM D 751-06 Cut Strip Method
Tear strength (warp/weft)	40/30 lbs	ASTM D 751-06 Trapezoidal Tear Method
Adhesion	20 lbs/2"	EN ISO 2411
Finish	Biface varnish	
Flame retardancy	<b>Test 1/NFPA 701 • CSFM T19 • Class A/ASTM E84 • Test 2/CAN ULCS 109 M2/NFP 92-507 • M2/UNE 23.727 • B1/DIN 4102-1 • B1/ONORM B 3800-1 BS 7837 • Classe 1/UNI 9177 • LP7 • VKF 5.3/SN 198898 G1/GOST 30244-94 • UBC 31-1 • Group 1/AS/NZS 3837 • 1530.3/AS/NZS SP METHOD 2205 •</b>	
Extreme working temperatures	-22°F/+158°F	
Quality management system		ISO 9001

The technical data shown here are average values, given for information only, and may be modified.

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, use and customs and safety rules of the countries where they are used. Concerning the contractual warranty, please refer to the text of our warranty.

The values here above mentioned are the results of tests performed in conformity with the use and customs in terms of studies, they are given as an indication in order to allow our customers to make the best use of our products. Our products are subject 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 to check that the here above data are still valid.

### www.soltis-textiles.com

Downloading, technical data, references, photos, description of tenders, and much more. All in real time.



### Sustainable development

Ferrari® development is based on strict adherence to good safety and environmental practices, that include an understanding of Life Cycle Analysis (LCA), selection of the best materials, and eco-design. The Company obtained its first ISO 14001 certification in 2003.

### 100% recyclable

Ferrari® developed the Taxyloop® technology specifically for the recycling of composite PVC membranes and textiles. Through the management of its end-of-life products Ferrari® is committed to sustainable development. [www.taxyloop.com](http://www.taxyloop.com)

### Specification service

The Ferrari® specification service is available to inform you, advise you and suggest innovative solutions for your specific requirements.

To detail your project, visit: [www.soltis-textiles.com](http://www.soltis-textiles.com)  
Come and fill out our project detail form.

CSI Specifications Available

www.ferrari-architecture.com

## PRECONTRAIT® 502

**FERRARI**  
architecture



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The colors and textures represented in this digital image are provided as a reference only. Whether seen on a screen or printed, they cannot in any way match the actual item. We recommend procuring an actual sample when specifying these products.



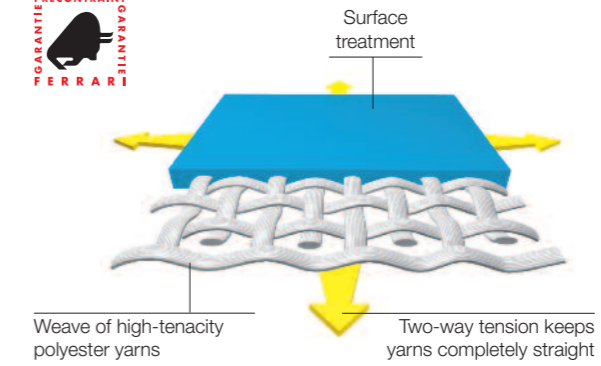
502-2148 Cocoa



502-2152 Metallic Red

502-2171 Light Grey	502-1499 Interferential	502-2168 Alu	502-2167 Dark Grey	502-8450 Black
502-8102 White	502-2144 Ivory	502-2135 Sand	502-2141 Camel	502-2012 Putty
502-1013 Medium Yellow	502-2166 Sunflower	502-8204 Orange	502-2173 Tuscan	502-2172 Carrot
502-8341 Champagne	502-8861 Vanilla	502-2151 Pink	502-2150 Fuchsia	502-8255 Dark Red
502-2163 Mauve	502-2164 Lavender	502-2165 Violet	502-8284 Bordeaux	502-2137 Brown
502-2159 Cornflower Blue	502-2160 Lagoon Blue	502-2161 Blue	502-1125 Marine Blue	502-2162 Slate
502-2157 Lime Green	502-2158 Moss Green	502-8056 Tennis Green	502-2156 Spruce	
502-2145 Gold	502-2138 Metallic Taupe	502-2149 Metallic Scarab	502-2136 Metallic Onyx	

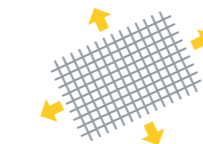
## Exclusive Précontraint® Ferrari® technology



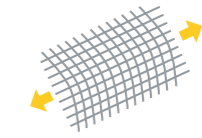
Made using the exclusive patented Ferrari® Précontraint® technology, Précontraint® 502 textiles are manufactured under equal tension throughout the manufacturing cycle.

The result of that is — exceptional dimensional stability — perfect tensioning and finish — shape that is retained at installation and over time — long-lasting mechanical resistance — substantially extended lifespan — exceptional flexibility that ensures architectural freedom and ease of fitting.

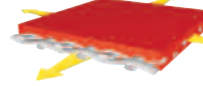
### Greater coating thickness over the surface of the yarns



Ferrari® Précontraint® textiles respect the weft yarn direction which stays identical from one batch to the other.



Conventional coated textiles exhibit serious deformation of the weft yarn which in addition varies greatly from one batch to the other.



Précontraint® textiles have very low crimp, that is similar in both warp and weft direction.



Conventional coated textiles present a high level of crimp in the weft direction.



Précontraint® 702  
650 g/m

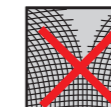


Type I classic coated textile  
650 g/m

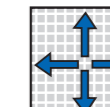
## Technical features **PRECONTRAIT® 502**



Long life



Tear resistance



Dimensional stability



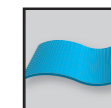
U.V. resistant



No pockets or bubbles



Easy maintenance



Flexibility



Flame retardant



Thermal comfort



Custom graphics



Creative freedom



5 Year Warranty for mobile products



8 Year Warranty for fixed awnings



100% recyclable textile



Safe Textile