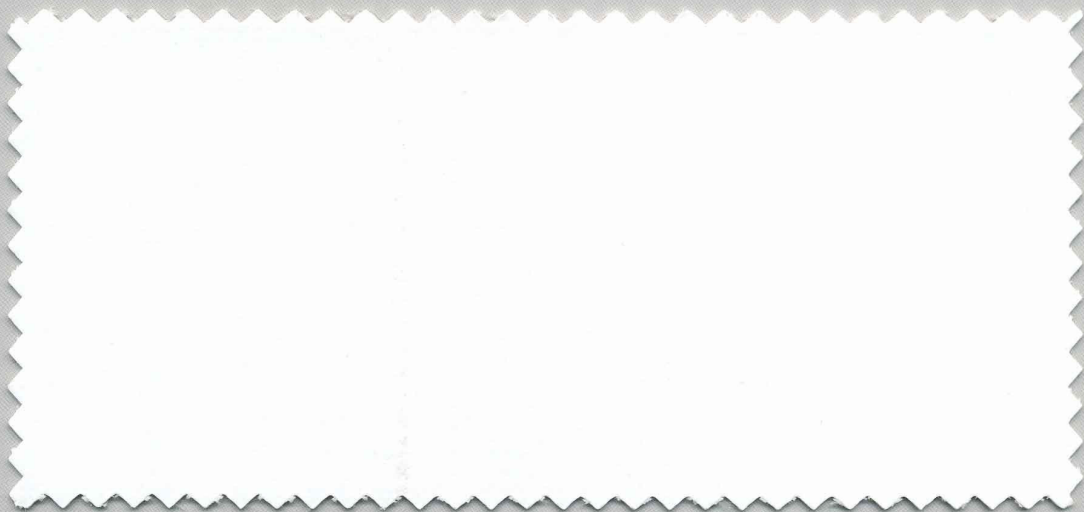


# Textile Architecture



www.ferrari-architecture.com

**PRECONSTRAINT**<sup>®</sup>  
**1002T2** back  
PVDF



1002 - 1746

**FERRARI**  
architecture



Technical properties	Preconstraint® 1002 T2 back PVDF	Standards
Yarn	PES HT 1100 Dtex	<b>TERSUISSE</b>
Weight	1050 g/sqm - 31 oz/sqyd	EN ISO 2286-2
Width	178 cm	(-1mm/+1mm)
Tensile strength (warp/weft)	420/400 daN/ 5 cm 480/450 Lbs	EN ISO 1421 ASTM D 751-00 Cut Strip Method
Tear resistance (warp/weft)	55/50 daN 105/100 Lbs	DIN 53.363 ASTM D 751-00 Trapezoid Tear Method
Adhesion	12 daN/ 5 cm	EN ISO 2411
Flame retardancy	<b>M2/NF P92-507 • B1/DIN 4102-1 • BS 7837 • Test 2/NFPA 701 • CSFM T19 Class C/ASTM E 108 • ASTM E84 • VKF 5.2/SN 198898</b>	
Surface treatment	Fluotop® T2 (High concentration PVDF)	
Back side treatment	Weldable PVDF (for a better resistance to pollution of the back side of the fabric)	
Destination du produit	Static & permanent structures	

**1002T2** back PVDF capitalizes on the excellent PVDF weathering and without changing the making up process allows a better aesthetical performance of the membrane under any shape and from any angle.

The technical data here above are average values with a +/- 5% tolerance.

#### Additional information

Coating thickness at the top of the yarns	350 µ	
Total thickness	0,78 mm	
Light transmission	8%	NFP 38-511
White index	82%	CIE: International Light Commission
Thermal values	ASHRAE standard 74-1988	EN ISO 410
Transmission	Ts 6%	Ts 6%
Reflexion	Rs 78%	Rs 80%
Absorption	As 16%	As 14%
Shading coefficient	g 12%	g 10%
Visible transmission	-	Tv 4,5%
Visible reflexion	-	Rv 88%
UV transmission	T-UV 0%	Eppley Solar & Sky U-V radiometer
Global thermal conductivity*	Vertical position: U = 5,6W/m² °C Horizontal position: U = 6,4W/m² °C	
Acoustical weakening index	15 dBA	ISO 717
Extreme working temperatures	- 30°C/+70°C	in static position
Quality management system		ISO 9001

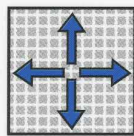
\* Those data are obtained by calculation through simulations of the average conditions of use, those values must be considered as approximation.

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 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 to check that the here above data are still valid.



Préconstraint  
Ferrari®



Dimensional  
stability



Long life



Easy  
maintenance



U.V.  
resistant



Guarantee  
15 years



100%  
recyclable textile

### 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)

### Sustainable development

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

### 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, fill in a form on:  
[www.ferrari-architecture.com](http://www.ferrari-architecture.com)

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