

Textile Architecture



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PRECONSTRAINT
1202T2 back PVDF



1202 - 1746

FERRARI
architecture



Technical properties	Preconstraint® 1202 T2 back PVDF	Standards
Yarn	PES HT 1100 Dtex/1670 Dtex	TERSUISSE
Weight	1050 g/sqm - 31 oz/sqyd (1250 g/m ²)	EN ISO 2286-2
Width	178 cm	(-1mm/+1mm)
Tensile strength (warp/weft)	560/560 daN/ 5 cm 565/565 Lbs	EN ISO 1421 ASTM D 751-00 Cut Strip Method
Tear resistance (warp/weft)	80/65 daN 130/110 Lbs	DIN 53.363 ASTM D 751-00 Trapezoid Tear Method
Adhesion	12 daN/ 5 cm	EN ISO 2411
Flame retardancy	B1/DIN 4102-1 • BS 7837 • Test 2/NFPA 701 CSFM T19 • Group 2/AS/NZS 3837 • VKF 5.2/SN 198898	
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)	
Product application	Static & permanent structures	

1202 T2 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	270 µ	
Total thickness	0,78 mm	
Light transmission	10%	NFP 38-511
White index	82%	CIE: International Light Commission
Thermal values	ASHRAE standard 74-1988	EN ISO 410
Transmission	Ts 7%	Ts 7%
Reflexion	Rs 77%	Rs 79%
Absorption	As 16%	As 14%
Shading coefficient	g 13%	g 11%
Visible transmission	-	Tv 5%
Visible reflexion	-	Rv 87%
UV transmission	T-UV 0%	Eppley Solar & Sky U-V radiometer
Global thermal conductivity**	Vertical position: U = 5,6W/m ² °C Horizontal position: U = 6,4W/m ² °C	
Acoustical weakening index	15 dBA	ISO 717
Extreme working temperatures	- 30°C/+70°C	in static position
Quality management system		ISO 9001

* M2 only available on special order at 1250 g/m².

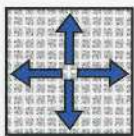
** Those data are obtained by calculation through simulations of the average conditions of use, those values must be considered as approximation.

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 Texyloop® 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.texyloop.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

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