

Technical properties	Précontrait 1002 S2	Standards
Surface treatment (top/back)	S2 PVDF / PVDF	
Yarn	PES HT 1100 Dtex	
Weight	1050 g/sqm • 31 oz/sqyd	EN ISO 2286-2
Width	267 cm • 105.1 in	[+1mm /-1mm]
Tensile strength (warp/weft)	420/400 daN/5cm 480/450 Lbs/in	EN ISO 1421 ASTM D 751-00 Cut Strip
Tear resistance (warp/weft)	55/50 daN 80/75 Lbs	DIN 53.363 ASTM D 751-00 Trapezoid
Adhesion	12 daN/5cm	EN ISO 2411
Flame retardancy		
Euroclass	B-s2,d0 /EN 13501-1	
Rating	M2/NFP 92-507 • B1/DIN 4102-1 • BS 7837 • NFPA 701 • CSMF T19 • AS/NZS 1530.3 & 3877 group 1	
Warranty*		



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

ADDITIONAL INFORMATION				
Total thickness	0.78 mm			
Coating thickness at the top of the yarns	200/200 microns			
Varnish adhesion longevity	QUV A 4000 h	pass	Scotch tape test	
Dimensional stability				
Elongation 24h - 10daN/5cm (warp/weft)	<1% / <1%			EN 15977
Residual elongation	<0.4% / <0.4%			EN 15977
Solar optical values				
	ASHRAE 74-1988	EN 410		
Solar Transmittance (Ts)	6%	6 %		
Solar reflectance (Rs)	78%	81%		
Solar Factor (g)	12%	9.5%		
Visible light Transmittance (Tv)	--	4 %		
Visible light Reflectance (Rv)	--	90 %		
UV transmission			0%	
Thermal and Acoustic performances				
Thermal conductivity (vertical/horizontal)	ca. U=5.6 / 6.4 W/sqm/°C		Calculated	
Acoustic Weakening index	ca. 14dBA		ISO 717-1	
LEED Heat island Effect				
Solar Reflectance Index	SRI >95%		SSc 7.2/SSc 7.1 (Roof/Non Roof)	
Environmental Impact: LCA (Life Cycle Assessment)				
ISO 14041-44				
Depending on end-of-life scenarios	Texyloop® Recycling	Incineration	Landfill	1 sqm membrane
Global warming	2.572	4.757	4.104	Kilograms eq. CO2
Energy consumption	59.7	103.3	103.3	Megajoul eq.
Water consumption	139.6	341.3	339.6	Litre
Management systems				
Quality in conformity with				ISO 9001
Environmental communication in conformity with				ISO 14021
Certifications, labels, recycling capacity				



LCA and LEED reports available on request

> **ADDITIONAL INFORMATION** above are non-contractual and 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.

* Warranty: Please refer to the text of our warranty. The warranty is valid only after confirmation on case-by-case basis of warranty application. The warranty will not apply to mobile structures. 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.

→ **Contact**

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