

# PRECONTRAIN

1502 S2



1502-8626 S2

  
**Serge Ferrari**

# PRECONTRAIT

## 1502 S2

Technical properties	Précontrait 1502 S2	Standards
Surface treatment (top/back)	S2 PVDF / PVDF	
Yarn	PES HT 1670/2200 Dtex	
Weight	1500 g/sqm • 44.2 oz/sqyd	EN ISO 2286-2
Width	180 cm • 70.86 in	(+1mm /-1mm)
Tensile strength (warp/weft)	1000/800 daN/5cm 1150/900 lbs/in	EN ISO 1421 ASTM D 751-00 Cut Strip
Tear resistance (warp/weft)	160/140 daN 350/250 lbs	DIN 53.363 ASTM D 751-00 Trapezoid
Adhesion	15 daN/5cm	EN ISO 2411
<b>Flame retardancy</b>		
Euroclass	<b>C-s2,d0</b> /EN 13501-1	
Rating	<b>B1</b> /DIN 4102-1 • BS 7837 • CSMFT19	
<b>Warranty*</b>		



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

ADDITIONAL INFORMATION				
Total thickness	1.14 mm			
Coating thickness at the top of the yarns	200/200 microns			
Varnish adhesion longevity	QUVA 4000 h	pass	Scotch tape test	
<b>Dimensional stability</b>				
Elongation 24h -10daN/5cm (warp/weft)	<1% / <1%			EN 15977
Residual elongation	<0.4% / <0.4%			EN 15977
<b>Solar optical values</b>				
Solar Transmittance (Ts)	ASHRAE 74-1988	4%	EN 410	
Solar reflectance (Rs)	76%	81%		
Solar Factor (g)	9%	8%		
Visible light Transmittance (Tv)	--	2.4%		
Visible light Reflectance (Rv)	--	89%		
UV transmission		0%		
<b>Thermal and Acoustic performances</b>				
Thermal conductivity (vertical/horizontal)	ca. U=5.6 / 6.4 W/sqm/°C			Calculated
Acoustic Weakening index	ca. 16dBA			ISO 717-1
<b>LEED Heat island Effect</b>				
Solar Reflectance Index	SRI >95%			SSc 7.2/SSc 7.1 (Roof/Non Roof)
<b>Environmental Impact: LCA (Life Cycle Assessment)</b>				
Comparative analysis depending on end-of-life scenarios	Texyloop® Recycling	Incineration	Landfill	1 sqm membrane
Global warming	3.389	6.636	5.725	Kilograms eq. CO <sub>2</sub>
Energy consumption	73.6	144.6	144.6	Megajoult eq.
Water consumption	168.8	433.9	431.5	Litre
<b>Management systems</b>				
Quality in conformity with				ISO 9001
Environmental communication in conformity with				ISO 14021
<b>Certifications, labels, recycling capacity</b>				



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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### → TEXYLOOP®

- The Serge Ferrari operational recycling chain
- Secondary raw materials of high intrinsic value compatible with multiple processes
- A quantified response to combat depletion of natural resources

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