

# LAI-Porellina® 2.0

traspirante - assorbente - antibatterica

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# LAI-Porellina<sup>®</sup> 2.0

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Always combining tradition and sustainability, Fiscatech introduces in its collections Lai Porellina 2.0, the first footwear lining granting a bio-based content of more than 75%.

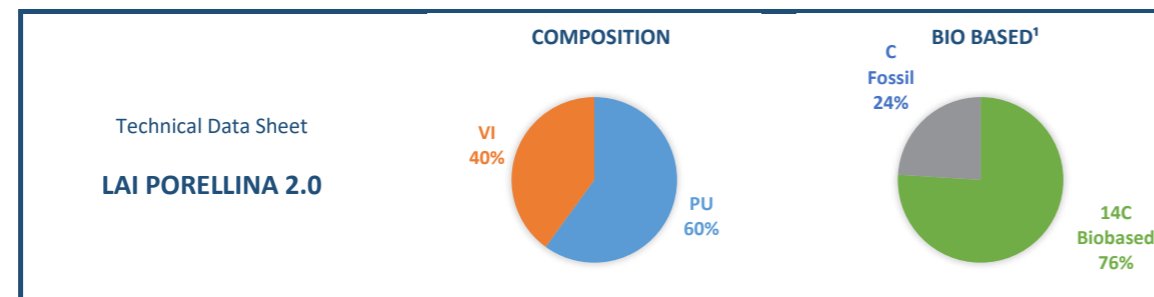
Manufactured in full respect for the environment, Lai Porellina 2.0 is breathable, absorbent and anti-bacterial: it offers the greatest performance in humidity transpiration and, thanks to its soft, plump, hand allows the highest comfort. Thanks to its vertical production process, all Fiscatech processing stages are guaranteed by the Quality System, which has the following certifications: ISO 9001:2015, ISO 14001:2015 OHSAS 18001:2007



The bio based material used in the production of Lai Porellina 2.0 are obtained from cultivations dedicated to industrial use and not to human and animal nutrition.



The viscose fibre used to make Lai-Porellina 2.0 has been also certified by the Forest Stewardship Council (FSC), the brand that ensures responsible forest management.



	Unit of measurement		Values	Method	Reference standard
Weight	[g/m <sup>2</sup> ]		310 ± 10%	FIS_LAB_TEST_A01	UNI EN ISO 2286-2
Thickness	[mm]		0,7 ± 0,1	FIS_LAB_TEST_A02	UNI EN ISO 2286-3
Tensile	Warp	[N]	≥ 140	FIS_LAB_TEST_A07	UNI EN ISO 1421
	Weft		≥ 130		
Elongation at Break	Warp	[%]	≥ 20	FIS_LAB_TEST_A07	UNI EN ISO 1421
	Weft		≥ 35		
Delamination	Warp	[N/5cm]	≥ 25	FIS_LAB_TEST_A03	UNI EN ISO 2411
	Weft		≥ 30		
Tear	Warp	[N]	≥ 7,5	FIS_LAB_TEST_A05	UNI EN ISO 4674/1
	Weft		≥ 7,5		
Flexion <sup>2</sup>	Warp	[n°]	≥ 80.000		ISO 17694
	Weft		≥ 80.000		
Abrasion <sup>2</sup>	Dry	[n°]	≥ 25.600		ISO 17704
	Wet		≥ 12.800		
Water Vapour Permeability <sup>2</sup>	[mg/cm <sup>2</sup> h]		1,8		ISO 17699
Water Vapor Coefficient <sup>2</sup>	[mg/cm <sup>2</sup> ]		15,9		ISO 17699
Water absorption <sup>2</sup>	[mg/cm <sup>2</sup> ]		34,4		ISO 22649
Water desorption <sup>2</sup>	[%]		99		ISO 22649
Roll width	[cm]		137 – 140		
Roll length	[m]		50	PG13	

**Notes**

NA = Non Applicabile / Not Applicable – ND = Non Disponibile / Unavailable  
 Composition tolerance is ±2  
<sup>1</sup> Beta Analytic Test Report n. 579871  
<sup>2</sup> Cimac Test Report n. 2020\3542-2-RP-1  
 Gently clean the product surface using a cloth dampened with water and mild soap. Don't use alcohol-based products, domestic degreaser or harsh cleaners.  
 Colour inhomogeneity from one batch to another is due to special processing. We recommend not using different batches for the same production.  
 Fiscatech S.p.a. is not responsible for any blemish caused by the migration of colours from other materials

**Laboratory Number** Beta-579871  
**Percent modern carbon (pMC)** 76.43 +/- 0.23 pMC  
**Atmospheric adjustment factor (REF)** 100.0; = pMC/1.000

Water vapour Breathability		Technical features	<b>RESULT:</b> ( $x_B^{TC}$ )  76% Bio-based carbon as a fraction of total carbon
HIGHEST	> 400 g/m <sup>2</sup> .24h	450 g/m <sup>2</sup> .24h	
HIGH	from 200 to 400 g/m <sup>2</sup> .24h		
MEDIUM	from 100 to 200 g/m <sup>2</sup> .24h		
LOW	< 100 g/m <sup>2</sup> .24h		



\* 300 LM/COL minimum quantity is required unless the colour is already in stock.



LAI-Porellina 2.0 is treated with Ultra Fresh additive to protect against mould and bad odours resulting from bacteria.

