All.I CPR 305/2011

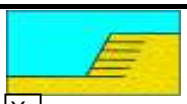
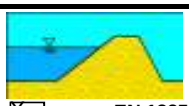
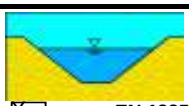
Declaration of Performance

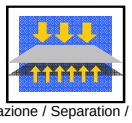
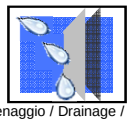
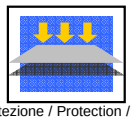
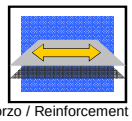
DoP n°:43CPR 4944/20-05/2010

1. Product name: **ECOFELT**

2. Product type, lot.n. see label on product: **PES-SB 200**

3. Intended use:

 X **EN 13249** Strade / Roads Strassen / Routes	 X **EN 13250** Ferrovie / Railways Schienenbau / Rail	 X **EN 13251** Fondazioni / Foundations Fundamenten / Fondations	 X **EN 13252** Drenaggio / Drainage System Draensystem / Drainage	 X **EN 13253** AntiErosione / Erosion Control Erosionsschutz / Erosion
 X **EN 13254** Bacini / Dams Staudaemme / Barrages	 X **EN 13255** Canali / Canals Kaenalenbau / Canaux	 **EN 13256** Tunnel / Tunnels Tunnelbau / Tunnel	 X **EN 13257** Rifiuti Solidi / Solid Waste Deponiebau / Dechets Solid	 X **EN 13265** Rifiuti Liquidi / Liquid Waste Fluessige Deponieabfall / Dechets Liquides

X  Separazione / Separation / Séparation / Trennung	X  Filtrazione / Filtering / Filtration / Filterung	X  Drenaggio / Drainage / Drainage / Dränung	 Protezione / Protection / Schutzfunction/ Protection/	X  Rinforzo / Reinforcement / Renforcement / Verstärkung

Ecofibre s.r.l. Via Paolo Paoletti, 10 51037 Montale (PT) Italy

4.Name, registered trade name: **Tel +39 0573959474 e-mai: info@ecofibre.it**

5.Address of representative authorised: ***n.a.***

6. AVCP, assessment and verification of costancy of performance:

System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V: System 2+

7. Notify body: **1213**

In case of the declaration of performance (DoP) concerning a construction product covered by the harmonized Notified body SKZ – TeConA GmbH (identification no. 1213) performed the initial inspection of the manufacturing plant and of factory production control (FPC) and the continuous surveillance, assessment and evaluation of FPC and issued the certificate of conformity of the FPC no. 4944

8. Declared performance

FEATURES	NORM	U.M	AVERAGE	TOLLERANCE
AERIC MASS	**EN ISO 9864**	g/m^2	200	+/- 10%
THICKNESS (2kPa)	**EN ISO 9863**	mm.	0,7	+/- 20%
LONGITUDINAL TRACT. RESISTANCE	**EN ISO 10319**	kN/m	2,7	+/- 10%
TRASNVERSAL TRACT. RESISTANCE	**EN ISO 10319**	kN/m	2,8	+/- 10%
LONGITUDINAL ELONGATION	**EN ISO 10319**	%	>50	-
TRANSVERSAL ELONGATION	**EN ISO 10319**	%	>50	-
ENERGY ABSORPTION INDEX	**EN ISO 10318**	kJ/m^2	1,1	+/- 20%
STATIC PUNCHING	**EN ISO 12236**	kN	0,45	+/- 10%
DYNAMIC PUNCHING	**EN ISO 13433**	mm.	32	+/- 10%
OPENING SIZE	**EN ISO 12956**	um.	50	+/- 30%
WATER PERMEABILITY PERP. ON PLANE	**EN ISO 11058**	m/s	0,08	+/- 30%
DRAINING CAPACITY IN PLANE (20kPa)	**EN ISO 12958**	m^2/s	1,14E-06	+/- 30%
DURABILITY	**UNI EN 12224**	Predicting durability of minimum 5 years in natural soils with 4 <pH <9 and soil temperature <25 °.Be covered within 2 weeks from istallation.		

9. Declaration:

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Quality Control Manager

ing.Francesco Nicolai

ECOFIBRE s.r.l.

Montale 29-ott-13

(place and date of issue)