



1020-CPR-010038073

**BONDEX 400
PES**

Declaration of Performance GTXF20NW400PES

AoC System 2+ The notified body NB 1020, performed the initial inspection of the company's manufacturing plant in Kanapitsa, 35200, Atalanti, Greece and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.

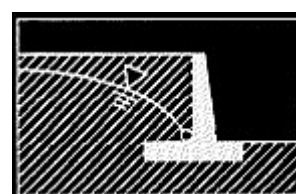
UV stabilized colored polyester needle punched non woven geotextile



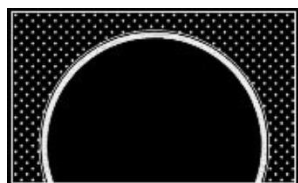
EN 13249



EN 13250



EN 13252



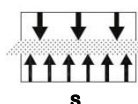
EN 13256



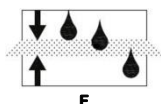
EN 13257



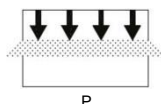
EN 13265



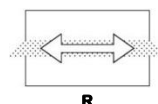
S



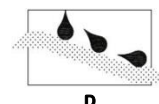
F



P



R



D

Essential characteristics	Harmonized technical specification	Performance	Unit of measurement	Tolerance
Mass per unit area	EN 9864	400	gr/m ²	± 40
Thickness at 2 kPa	EN ISO 9863-1	2.0	mm	± 0.1
Thickness at 20 kPa	EN ISO 9863-1	1.5	mm	± 0.1
Tensile Strength MD	EN 10319	6.0	kN/m	- 1.0
Elongation MD	EN 10319	65	%	± 10
Tensile Strength CMD	EN 10319	5.1	kN/m	- 1.5
Elongation CMD	EN 10319	60	%	± 15
Static Puncture Test (CBR)	EN 12236	900	N	- 100
Dynamic Perforation Resistance (cone drop)	EN ISO 13433	32	mm	+ 4
Characteristic Opening Size O ₉₀	EN ISO 12956	50	µm	± 20
Water permeability normal to the plane (Velocity Index, 20°C)	EN ISO 11058	60	m/s*10 ⁻³	- 10
Durability	EN 13438	To be covered on the day of installation. ¹ Predicted durability for at least 25 years in natural soils with 4<pH <9 and soil temperatures of 25°C		

• The values contained herein are average based on laboratory results with the above declared tolerances with a 95% confidence limit. •¹In accordance with Annex B of the harmonised standards. • The non woven geotextile is packaged in rolls that carry a dark wrap for protection from the sun's rays. • It is the responsibility of all users to satisfy themselves that the above data are current. The geotextiles listed are CE marked and they come along with a CE certificate and installation manual upon a customer request. • This declaration of performance is issued under the sole responsibility of the producer Fibralco S.A. • The performance of the product identified above is in conformity with the set of declared performance/s in accordance with Regulation (EU) No 305/2011.



QUALITY ASSURANCE SYSTEM