DECLARATION OF PERFORMANCE (DoP)

Nº DoP: GEO-PY-0003

11/11/2020

VERSION 07

1. Unique identification code of the product-type:

POLYESTER GEOTEXTILE

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the PRC:

DANOFELT PY 200

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Polyester geotextile for application in: roads, traffic routes, railways, earthworks, foundations, retaining structures, drainage systems, erosion control, reservoirs, dams, canals, tunnels, underground structures, solid waste landfills, and projects for liquid waste containers.

Intended uses: "F", "F+S", "F+S+D" y "P"

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5) of the PRC:

DANOSA- POL. IND. SECTOR 9-19290 FONTANAR-GUADALAJARA-ESPAÑA

Tel.: +34 949 88 82 10 - info@danosa.com

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) of the PRC:

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

2+

7. Products covered by a harmonised standard: Name and number of the notified body / performed / Under system (1 +, 1, 2 +, 3) / certificate number and date of grant:

AENOR:0099

Evaluation of Factory Production Control

System 2 +

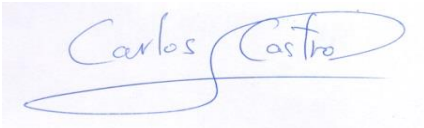
Certificate of Factory Production Control, number and date:: 0099/CPR/A42/0046/0047/0048/0049 - 05/03/2007

8. Declared performance:

Essential Characteristics	Performance	Harmonized Technical Specification
Tensile strength:		
Maximum tensile force L*, (kN/m)	2,3 (-0,3)	EN-13249:2016
Maximum tensile force T*, (kN/m)	2,3 (-0,3)	EN-13250:2016
Elongation at maximum force L*, (%)	110 ± 40	EN-13251:2016
Elongation at maximum force T*, (%)	110 ± 40	EN-13252:2016
Static puncture resistance (CBR), (kN)	0,6 (-0,2)	EN-13253:2016
Dynamic puncture resistance (cone) (mm)	25 (+3)	EN-13254:2016
Aperture measurement, (µm)	90 ± 20	EN-13255:2016
Water permeability, (m / s)	0,03731 (-0,005)	EN-13256:2016
Water flow capacity in the plane, (m^2/s)	20 kPa: $1,57*10^{-6}$ ($-0,2*10^{-7}$)	EN-13257:2016
Protection effectiveness, (kN/m^2)	$12,0*10^3$ ($-0,3*10^3$)	EN-13265:2016
Durability, (years)	>25; natural soil; 4<pH<9;T<25ºC	

L* means longitudinal direction , T* means transverse direction

The performances of the product identified in points 1 and 2 are in conformity with the declared performance in point 8.

This DoP is issued in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:

Name and function	Place and Date of issue	Signature
Carlos Castro Martín Technical responsible	Fontanar 11/11/2020