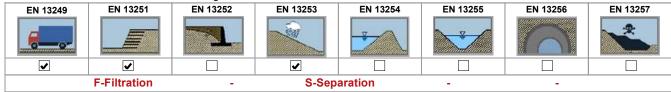
Declaration of Performance no: DoP - 083110 - 11



1. The unique product identification code:

Terasin NS 110 - Nonwoven geosynthetic made of polyester fibers

2. Applications and intended uses: in construction as filtration, reinforcement, separation, drainage, protection and combinations thereof, according to the table below.



- 3. Manufactured by: SC MINET SA, Ramnicu Valcea, Valcea County, Depozitelor Street no.12,
- 4. Authorized representative; Not applicable
- 5. System or systems of assessment and verification of constancy of performance: System 2+
- 6.a. Harmonised standards:
- EN 13249:2016 Geotextiles and geotextile-related products Characteristics required for use in the construction of roads and other trafficked areas (excluding railways and asphalt inclusion)
 - EN 13250:2016 Geotextiles and geotextile-related products Characteristics required for used in the construction of railways
 - EN 13251:2016 Geotextiles and geotextile-related products Characteristics required for use in earthworks, foundations and retaining structures
 - EN 13252:2016 Geotextiles and geotextile-related products Characteristics required for use in drainage systems
 - EN 13253:2016 Geotextiles and geotextile-related products Characteristics required for use in erosion control works
 - EN 13254:2016 Geotextiles and geotextile-related products Required characteristics for use in the construction of reservoirs and dams
 - EN 13255:2016 Geotextiles and geotextile-related products Characteristics required for use in the construction of canals
 - EN 13256:2016 Geotextiles and geotextile-related products Charact.s required for use in the construction of tunnels and underground structures
 - EN 13257:2016 Geotextiles and geotextile-related products Characteristics required for use in solid waste disposals
- 6.b. *INCERTRANS-OC* Notified body to the European Commission for conformity assessment of construction products with Identification Number 1833 conducted (1) initial inspection of the factory and factory production control; (2) continuous monitoring and evaluation of factory production control, under the system of assessment and verification of constancy of performance of construction product, *System 2+*, and issued certificate of conformity with No.: *1833-CPR-0053*

7. Declared performance

Properties		Declared performance/tolerance	Test method	
Mass / unit area gr/m ²		110 (+/- 11)	SR EN ISO 9864:2007	
Thickness under 2 kN/m² mm		1.10 (+/- 0.2)	SR EN ISO 9863-1: 2017	
Tensile strength MD/CD kN/m		1.0 (- 0.2) 1.0 (- 0.2)	SR EN ISO 10319:2015	
Elongation at break MD/CD %		75% (+/-) 23% 85% (+/-) 26%	SR EN ISO 10319:2015	
Static puncture (CBR test) N		220 (-33)	SR EN ISO 12236:2007	
Dynamic cone drop mm		45 (+ 11.2)	SR EN ISO 13433:2007	
Permeability VIH50 l/m² s mm/s		130 (-39)	SR EN ISO 11058:2010	
Opening pore size O90 in μm		100 (+/- 30)	SR EN ISO 12956:2010	
Energy absorbtion index MD/CMD kJ/m²		0.4 / 0.4	SR EN ISO 10319:2015	
Pyramid puncture resistance N		N/A	SR EN 14574:2015	
Water flow in the plane (i=1;20 kPa) I/m/h		N/A	SR EN ISO 12958:2010	
	To be covered within 2 weeks after installation.			SR EN 12224:2001
Durability	Predicted to be durable for a minimum of 120 years in natural soils with 4 < pH < 9 and soil temperatures < 25°C		SR EN 12447:2003	
Protection efficiency %		-300 kPa N/A -600 kPa N/A -1200 kPa N/A	SR EN 13719:2016	

8. The performance of the product identified above is in accordance with the set of declared performance. This declaration of performance is issued under Regulation (EU) no. 305/2011, the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Production Manage Petre Popescu in Rm. Valcea, Date: 27.05.2022