



PLAST MASTER
Teresa i Ryszard Sudoł
Ul. Polna 4b, 37-100 Łańcut



Declaration of Performance

No PM1/D/2013
Version nr 2

DRENFOL 500+110

1. Unique identification code of the product type	Drenfol 500+110
2. Intended use or uses	Geocomposite for use in external insulation systems of walls, foundations, terraces, ceilings, flat roofs, green roofs, as well as for the needs of civil engineering in drainage systems for roads, areas exposed to traffic, railroads, water reservoirs and dams, channels, tunnels and underground structures, earthworks, retaining structures, with the F+S+D function (FILTRATION + SEPARATION + DRAINAGE), PN EN 13252:2002 (EN 13252:2000)
3. Manufacturer	Plast Master Teresa i Ryszard Sudoł Ul. Polna 4b 37-100 Łańcut
4. Authorised Representative	Not applicable
5. System of assessment and verification of constancy of performance as per the Attachment 5	System 2+
6a. Harmonized Standard. Notified Body.	PN EN 13252:2002 Instytut Techniki Budowlanej 1488. (Building Research Institute)

7. Declared performance.				
	Characteristics	Performance	Harmonized Standard	
GCO	Water flow within the plane of a product PN EN ISO 12958	2,59 (- 0,24) l/(sxm)	EN 13252:2000	
	Tensile strength, machine direction PN EN 10319	13,4 (- 1,9) kN/m		
	Tensile strength, cross machine direction PN EN 10319	13,4 (-1,7) kN/m		
	Hazardous Substances	NPD		
GTX	Puncture resistance, static PN EN ISO 12236	1,00(- 0,10) kN		
	Puncture resistance, dynamic PN EN ISO 13433	35 (+7) mm		
	Characteristic opening size PN EN ISO 12956	140 (± 42) µm		
	Water permeability PN EN ISO 11058	70×10^{-3} (- 21×10^{-3}) m/s		
Durability	- Cover within 2 weeks after application - Expected durability: at least 25 years in natural soil of $4 < \text{pH} < 9$ and temperature $< 25^{\circ}\text{C}$			

The performance of the product identified above is in conformity with the declared performance. This declaration of performance is issued according to EU Directive No. 305/2011 under the sole responsibility of the manufacturer identified above.

On behalf of the manufacturer signed by:
 **PLAST MASTER**
Teresa i Ryszard Sudol

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