











**DECLARATION OF PERFORMANCE N. CPR-IT4/R026 ver. 26/07/2021**

1) Unique identification code of the product-type: **POLYDREN PP HT 500**

2) Intended uses:

**Geotextiles and related products - Characteristics required for use:**

- in the construction of roads and other areas subject to traffic (F + S)
- in railway construction (F + S)
- in the construction of earth, foundations and support structures (F + S)
- in drainage systems (F + S + D)
- in erosion control works (F + S)
- in the construction of reservoirs and dams (F + S + P)
- in the construction of canals (F + S + P)
- in tunnels and underground structures (P)
- in landfills for solid waste (F + S + P)
- in liquid waste containment projects (F + P)

For	Application	Functions	For	Application	Functions
Roads		Filtration Separation	Reservoirs and dams		Filtration Separation Protection
Railways		Filtration Separation	Canals		Filtration Separation Protection
Foundations and walls		Filtration Separation	Tunnels		Protection
Drainage systems		Filtration Separation Drainage	Solid waste disposals		Filtration Separation Protection
Erosion control		Filtration Separation	Liquid waste disposals		Filtration Protection

3) Manufacturer: **POLYGLASS S.P.A Via Giorgio Squinzi, 2- 31047 Ponte di Piave (TV) ITALY**  
**www.polyglass.com**

4) System of VVCP: **System 2 +**

5) Harmonized standards: **EN 13249:2016 / EN 13250:2016 / EN 13251:2016 / EN 13252:2016 / EN 13253:2016 / EN 13254:2016 / EN 13255:2016 / EN 13256:2016 / EN 13257:2016 / EN 13265:2016**

Notified bodies: **SKZ - Testing GmbH, N. 1213**

6) Performances declared:

Essential characteristics	Units	Performance
<b>TENSILE STRENGTH</b>		
- longitudinal	kN/m	36 (-4,2)
- transversal	kN/m	38 (-4,5)
<b>ELONGATION AT MAXIMUM LOAD (L/T)</b>	%	90 (±18)
<b>STATIC PUNCTURE</b>	N	6500 (-650)
<b>DINAMIC PERFORATION</b>	mm	5 (2)
<b>PYRAMID PUNCTURE</b>	N	520 (-50)
<b>CHARACTERISTIC OPENING SIZE</b>	µm	70 (±20)
<b>WATER PERMEABILITY NORMAL TO THE PLANE</b>	l/(s m <sup>2</sup> )	33 (-11)
<b>WATER FLOW IN THE PLANE</b>	m <sup>2</sup> /s	6,9 *10 <sup>-6</sup> (-2,4)
<b>WEATHERING RESISTANCE</b>	To be covered within 1 month after installation	
<b>OXIDATION RESISTANCE</b>	Predicted to be durable for 100 years service in natural soils with 4 ≤ pH ≤ 9 and soil temperature ≤ 25 °C	
<b>Dangerous substances:</b>	Less than required by national regulations in EU Member States	

The performance of the product identified above is in conformity with the set of declared performances.  
This declaration of performance 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: **Ing. P. Ciferni**



**In Ponte di Piave 26/07/2021**

*REACH information: this product is an article pursuant to Article 3 of the REACH Regulation (EC) n. 1907/2006 and consequently, according to Articles 31 and 33 of the same Regulation, it does not require a Safety Data Sheet. During use, it is recommended to refer to the information on the Technical Data Sheet and the safety requirements provided for in the workplace.*



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Via Giorgio Squinzi, 2 - 31047 Ponte di Piave (TV) ITALIA -  
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EN 13249 / EN 13250 / EN 13251 / EN 13252 / EN 13253 /  
EN 13254 / EN 13255 / EN 13256 / EN 13257 / EN 13265

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**Note:**

*Polyglass supplies the current annex along with the DoP to make the consultancy of the CE marking easier for the international clients. The enclosed CE marking can be slightly different compared to the one printed on the relevant packaging or documentation because of:*

- *graphic adaptations due to lack of space on the packaging or printing methods used,*
- *different language (the same packaging can be shared by several countries),*
- *the product is already in stock when the updating of the CE marking is implemented,*
- *printing mistakes.*