

# DECLARATION OF PERFORMANCE (DoP)

## Nº FPLPL0027

Unique identification code of the product-type	Flexiplast L/300
Intended uses	PVC membrane for waterproofing of tunnels and underground structures (EN 13491:2004/A1:2006) PVC membrane for waterproofing for rising damp from the ground (EN 13967:2012)
Name, registered trade name	EUROIZOL EOOD 172 Naycho Tsanov Str., 1309 Sofia, Bulgaria monotex@monotex.eu www.monotex.eu
Mandatory AVPC systems	Not applicable System 2+
Harmonized standard	EN 13491:2004/A1:2006 EN 13967:2012
Notified Body	Notified Body 1085 OFI Technologies & Innovation GmbH

Main characteristics	Test method	Performance	Technical specification harmonized
Tensile strength, N/5 cm longitudinal transverse	EN 12311-2	> 1000 > 1000	EN 13967:2012
Elongation, % longitudinal transverse	EN 12311-2	> 200 > 200	
Tear resistance (2,0 mm), N	EN 12310-1	> 500	
Water tightness at 2kPa and 60 kPa	EN 1928 (met. B)	watertight	
Joint strength (2,0 mm), N/50 mm	EN 12317-2	> 1100	
Resistance to impact (2,0 mm), mm	EN 12691	≥ 800	
Reaction to fire	EN 13501-1	E	
Resistance to static loading, kg	EN 12730	> 20	
Durability: against ageing at 2kPa and 60 kPa against chemicals at 2kPa and 60 kPa	EN 1296 EN 1847	watertight watertight	

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Main characteristics	Test method	Performance	Technical specification harmonized
Tensile strength LxT, N/5 cm 2,0 mm 2,5 mm 3,0 mm	EN ISO 527-4	> 1150 (-150 N/5 cm) > 1400 (-150 N/5 cm) > 1650 (-150 N/5 cm)	EN 13491:2004/A1:2006
Resistance to static puncture, kN 2,0 mm 2,5 mm 3,0 mm	EN ISO 12236	> 2,77 (-0,17 kN) > 3,40 (-0,20 kN) > 4,00 (-0,20 kN)	
Water permeability	EN 14150	< $10^{-6} \text{m}^3 \text{m}^{-2} \text{d}^{-1}$	
Durability: - oxidation, variation in tensile properties, % - environmental stress cracking	EN 14575 ASTM D 5397	≤ 25 not applicable	

The performance of the product identified above is in conformity with the set of declared performances. The present declaration of responsibility is issued, in compliance with regulation (EU) n. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Sofia, 15/02/2024



Zapalska Renata, Managing Director