

DECLARATION OF PERFORMANCE (DoP)

Nº MONRP0011

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| Unique identification code of the product-type | Monotex RSM Monotex RSM Energy |
| Intended uses | PVC membrane for roof waterproofing (EN 13956:2012) PVC membrane for waterproofing reservoirs, dams and channels (EN 13361:2004+A1:2006 – 13362:2005) |
| Name, registered trade name | EUROIZOL EOOD 172 Naycho Tzanov Str., fl. 3 1309 Sofia, Bulgaria TEL. +359889728985 monotex@monotex.eu www.monotex.eu |
| Mandatory | Not applicable |
| AVPC systems | System 2+ |
| Harmonized standard | EN 13956:2012 EN 13361:2004+A1:2006 – 13362:2005 |
| Notified Body | Notified Body 1085 OFI Technologies & Innovation GmbH |

| Essential characteristics | Test method | Performance | Technical specification harmonized | |
|--|------------------------------|--------------------------|------------------------------------|--------|
| Tensile strength, N/5 cm | EN 12311-2 (met. A) | ≥ 1 100 | EN 13956:2012 | |
| Elongation, % | EN 12311-2 (met. A) | ≥ 15 | | |
| Resistance to impact, mm | EN 12691 (met. A) | 1,2 mm | | ≥ 450 |
| | | 1,5 mm | | ≥ 800 |
| | | 1,8 mm | | ≥ 900 |
| | | 2,0 mm | | ≥ 1250 |
| Resistance to static loading, kg | EN 12730 | ≥ 20 | | |
| External fire performance | EN 13501-5 | Froof | | |
| Reaction to fire | EN ISO 11925-2 EN 13501-1 | E | | |
| Watertightness | EN 1928 (met. B) | passed | | |
| Tear resistance, N | EN 12310-2 | ≥ 200 | | |
| Joint peel resistance, N/50 mm | EN 12316-2 | ≥ 200 | | |
| Joint shear resistance, N/5 cm | EN 12317-2 | ≥ 600 Break out joint | | |
| Foldability at low temperature, °C | EN 495-5 | ≤ -25 | | |
| Root resistance | EN 13948 | resistant | | |
| Durability UV-exposure, elevated temper. and water | EN 1297 | grade 0 | | |
| Dangerous substances | - | compliant | | |

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| Essential characteristics | Test method | Performance | Technical specification harmonized |
|--|---|--|--|
| Tensile strength - Longitudinal (MD) (N/5cm) - Transversal (CMD) (N/5cm) | EN ISO 527-4 | > 1 200 (-100 N/5 cm) > 1 200 (-100 N/5 cm) | EN 13361:2004 + A1:2006 EN 13362:2005 |
| Resistance to static puncture, kN 1,2 mm 1,5 mm 1,8 mm 2,0 mm | EN ISO 12236 | >1,54 (-0,09 kN/m) >1,91 (-0,11 kN/m) >2,30 (-0,14 kN/m) >2,60 (-0,15 kN/m) | |
| Water permeability | EN 14150 | < 10 ⁻⁶ m ³ m ⁻² d ⁻¹ | |
| Durability: Oxidation, change of tensile properties, % Environmental stress cracking Atmospheric agents, variation of tensile properties after 10500 hours, % | EN 14575 ASTM D 5397 EN 12224 | ≤ 25 not applicable ≤ 25 | |
| Dangerous substances | - | compliant | |

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, 27/06/2023

Zapalska Renata, Managing Director