

# NATIONAL DECLARATION OF PERFORMANCE



Document number: 01 / RES / 2019

1. Name and trade name of the construction product: PRAWTECH - ground source system for ground source heat pumps  
- vertical exchangers (geothermal probes), horizontal exchangers, chambers and multi-section distributors.
2. Identification of the type of the construction product: Multisection manifolds and manifold chambers of ground heat source as well as horizontal and vertical Terra heat exchangers made of fittings and HDPE 100 / RC pipes for glycol distribution and cooperation with a ground heat pump. Manifolds: R and D, wells R and D: Terra Mini and Opti and probes: Prawtech 240, HDPE 100 / RC pipes and fittings.
3. Intended use or uses: Piping systems for low temperature solutions and for installation of a ground source system for the needs of heat pumps.
4. Name and address of the manufacturer and production site of the product: PRAWTECH Sp. z O.o., Wolbrom 32-340, ul. Garbarska 43, Poland
5. Name and address of the authorized representative, where applicable: not applicable
6. National system applied of assessment and verification of constancy of performance: 4
7. National technical specification:
  - *PN EN 12201 Plastic pipe system for transferring water. Polyethylene (PE)*
  - *PN ISO 9623: 2001 PE / metal adapters for pipes transferring fluids under pressure*
  - *Suitability of the system for transporting low-temperature solutions, Manufacturer's chemical resistance table.*
  - *PN-85 / M- 42371 Flowmeters - general requirements and tests.*
  - *PE-EN ISO 6259 Thermoplastic pipes.*

8. Declared properties of the construction product:

Essential product characteristics for the intended use or uses	Declared performance of the product
Maximum working pressure: type R type D	1,0 Mpa 1,6 Mpa
Maximum working temperature	20 ° C
Series of pipes	SDR 11, SDR 13,6, SDR 17

9. The performance of the product specified above is in conformity with all declared performance in point 8. This national declaration of performance is issued in accordance with the act on construction products dated 16 April 2004. under the sole responsibility of the manufacturer.

Manufacturer's authorized representative: 22.10.2019 Włocławek (date and place)

**TECHNOLOG**  
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(legible signature)