



## NATIONAL DECLARATION OF PERFORMANCE no. 170

1. Name and trade name of the construction product: HERKULES polyethylene pipes for water transmission DN/OD 32 -500
2. Designation of the type of construction selection: PE100RC double-layer pipes, SDR 11, SDR17, PN 10, PN 16
3. Intended use or uses: for the construction of water supply systems and networks
4. Name and address of the manufacturer's head office and place of production: SKOPLAST Stanisław i Krzysztof Szkopek sp.j.  
ul. Raszkowska 9a 63-430 Kaczory
5. Name and address of the authorized representative, if any: not applicable
6. National application system for the assessment and verification of constancy of performance: 4
7. National technical specification:  
7.a Polish product standard: not applicable  
Name of the accredited certification body, accreditation number and national certificate number or name of accredited laboratory/laboratories and accreditation number: not applicable  
7.b National technical assessment: ITB-KOT-2017/0292 of 2017. HERKULES sandwich pipes made of PE100RC polyethylene.  
Technical Assessment Body/National Technical Assessment Body: Building Research Institute  
Name of the accredited certification body, accreditation number and certificate number: not applicable
8. Declared performance characteristics:

Essential characteristics of the construction product for intended use or uses	Declared performance characteristics	Comments
Material properties	In accordance with ITB-KOT-2017/0292 point 3.1	Based on the declaration / certificate of the material manufacturer
Impact on water quality	Compliant with ITB-KOT-2017/0292 point 3.2.3	Has a hygienic certificate of the National Institute of Public Health / National Institute of Hygiene B.BK.60110.0922.2022 valid until 2025-06-27
Appearance	Compliant with ITB-KOT-2017/0292 point 3.2.1	
Colour	Compliant with ITB-KOT-2017/0292 point 3.2.1	
Geometric features	In accordance with ITB-KOT-2017/0292 point 3.2.1	
Mechanical properties	Resistance to internal pressure in accordance with ITB-KOT-2017/0292 point 3.2.1 Elongation at break $\geq 350\%$ , ITB-KOT-2017/0292 point 3.2.1	
Physical properties	Mass flow rate (MFR) in accordance with ITB-KOT-2017/0292 point 3.2.1 Oxidation induction time $\geq 20$ minutes in accordance with ITB-KOT-2017/0292 point 3.2.1 Resistance to slow crack propagation: no damage, ITB-KOT-2017/0292 point 3.2.1	
Suitability for use	Compliant with ITB-KOT-2017/0292 point 3.2.2	
Marking	In accordance with ITB-KOT-2017/0292 point 3.3.	

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

Signed on behalf of the manufacturer by:

Sebastian Szkopek, Quality Department Manager

Kierownik Kontroli  
Jakości Laboratorium  
*inż. Sebastian Szkopek*

Kaczory 2022-06-28

Signed on behalf of the manufacturer by: Sebastian Szkopek, Quality Department Manager