



NATIONAL DECLARATION OF PERFORMANCE no. 179

1. Name and trade name of the construction product: Pipes for pressure rainwater and sanitary sewage system (PE) DN/OD 20÷500
2. Designation of the construction selection type: PE100 single-layer pipes, SDR 7.4÷SDR41, PN 4÷PN 25, PFA ≤ 25
3. Intended use or uses: for pressurized stormwater and sanitary sewers, vacuum sewer systems
4. Name and address of the manufacturer's registered 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: PN-EN 12201-2+A1:2013-12 Plastic piping systems for water transmission and for the pressure rainwater and sanitary sewage system. Polyethylene (PE). Part 2: Pipes
Name of the accredited certification body, accreditation number and national certificate number or name of the accredited laboratory/laboratories and accreditation number: not applicable
7.b National technical assessment: not applicable
Technical Assessment Body/National Technical Assessment Body: not applicable
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 PN-EN 12201-2+A1:2013, point 4 and PN-EN 12201-1:2012, point 4.2, 4.3, 4.4, 4.5, 4.6, 5 | Based on the declaration / certificate of the material manufacturer |
| Appearance | Conforms to PN-EN 12201-2+A1:2013, point 5.1 | |
| Colour | Conforms to PN-EN 12201-2+A1:2013, point 5.2 | |
| Geometric features | In accordance with PN-EN 12201-2+A1:2013, points 6.2, 6.3, 6.4, 6.5 | |
| Mechanical properties | Hydrostatic resistance in accordance with PN-EN 12201-2+A1:2013, point 7.2 20°C, 100h 80°C, 165h 80°C, 1000h | |
| | Elongation at break ≥ 350%, PN-EN 12201-2+A1:2013, point 7.2 | |
| Physical properties | Mass flow rate (MFR) in accordance with PN-EN 12201-2+A1:2013, point 8.2 | Only for wall thickness ≤ 16 mm |
| | Oxidation induction time ≥ 20 minutes in accordance with PN-EN 12201-2+A1:2013, point 8.2 | |
| | Longitudinal shrinkage ≤ 3% according to PN-EN 12201-2+A1:2013, point 8.2 | |
| Suitability for use | Suitability for the use of butt joints in accordance with PN-EN 12201-2+A1:2013, point 10 and PN-EN 12201-5:2011+A1:2013, point 4.2.2 | |
| Marking | PN-EN 12201-2+A1:2013, point 11 | |

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