

NATIONAL DECLARATION OF FUNCTIONAL PROPERTIES

NO. PE/KGK

1. Trade name of a building product: **Pipes and fittings "ZINPLAST" with structural walls type B, polyethylene (PE)**
2. Marking/label of the building product: **ZINPLAST, internal diameter range from 200 mm to 1200 mm, SN 2.4 and 8**
3. Intended use or applications: **Pipes and fittings ZINPLAST with structural walls type B, polyethylene (PE), are designed to be applied in underground non-pressurized drainage systems and sewerages.**
4. Name and address of a manufacturer/production site: **ZINPLAST Sp. z o. o. - ul. Garbarska 41, 32340 Wolbrom**
5. Name and address of the registered office of the representative, if applicable: **Not applicable**
6. Domestic system of verification and assessment of usable (functional) properties: **4**
7. Domestic technical specification:

7a. Polish standard for the product: PN-EN 134763:2018 System of pipe conduits from plastics intended for underground non-pressurized storm water and sanitary systems — Non-plasticized polyvinyl chloride (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 3: Specifications of pipes and fittings with smooth internal areas and profiled outer area and the B type system.

Name of the accredited certification body, the accreditation number of the accredited laboratory(ies) and the certificate number : **not applicable** number of domestic certificate and name

7b. Domestic technical assessment: **not applicable**

Technical Assessment Body/National Technical Assessment Body: **not applicable**

Name of the accredited certification body, the accreditation number and certificate number : **not applicable**

8. Declared usable (functional) properties:

Basic characteristics of the building product for intended use.	Declared usable (functional) properties	Remarks
Dimensions	Internal diameter from 200 to 1200 mm	-
Heating resistance - oven test (110± 2)°C	No delamination, cracks or blisters	-
Pipe circumferential stiffness, kN/m ²		-
SN 2	≥ 2 kN/m ²	
SN4	≥ 4 kN/m ²	
SN8	≥ 8 kN/m ²	
SN 16	≥ 16 kN/m ²	
Impact strength at 0°C (falling weight method)	TIR ≤ 10	-
Circumferential elasticity (23 ±2) 30 % deflection of the outer diameter	No cracks or fractures during the test, increasing force, no falls	-
Pipe creep index	≤4	-
Tightness of connections	No leaks	-

9. The performance of the product referred to above shall be in accordance with all the declared performance characteristics 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.

In the name of the manufacturer:

Bartosz Stempel,

Head of the Quality Assurance Department Wolbrom, 15.01.2020