

## CERTIFICATE OF CONFORMITY

**23 – HYPBCΠCPБ – SP – 038 - 61**

Issued pursuant to Art. 14, par.1 and/or par.2 of Ordinance № RD-02-20-1 from 05.02.2015 on the terms and the conditions for the use of construction products in the construction works of the Republic of Bulgaria of the Ministry of Regional Development and Public Works for the construction product

**Pipes from polyethylene (PE)**  
**Trademark "SPT pipes – profil PR and OP"**

**SPIRALLY FORMED STRUCTURED-WALL PIPES WITH SMOOTH INTERNAL AND PROFILED EXTERNAL SURFACE**

**System type "B"**

Designed for non-pressure underground drainage and sewerage. Produced from PE100, with range, dimensions, ring stiffness and evaluated characteristics in accordance with Annex № 1 to this Certificate

Released on the market by:

**SPIRAL PIPES TECHNICS d.o.o.**  
**Dragljane 7, 21276 VRGORAC V., Croatia**

Produced in:

**SPIRAL PIPES TECHNICS d.o.o.**  
**Dr. Franje Tuđmana 63, 21270 ZAGVOZD, Croatia**

This Certificate certifies that the product has been evaluated and conforms to the national requirements, defined in

**BDS EN 13476-3:2018 + A1:2020**  
**BDS EN 13476-3:2018 + A1:2020 /NA:2021**

*and point 12 from Annex № 2 to item 2 of Order № ПД-02-14-1329 from 03.12.2015 of the Minister of the Regional Development and Public Works*

The Certificate was issued for the first time on **27.01.2021**, **re-issued on 18.03.2024** and remains valid until **17.03.2027**, provided that the producer ensures consistency of product characteristics and the conditions of production or production control have not been changed significantly.

**Place of issuance: Sofia**  
**Date: 18.03.2024**

**CEO:**  
**(Dipl. Ing. Alexander Marinchev)**

*This certificate includes 1 Annex of 1 page, which is an integral part of the same.*

## Annex №1

to Certificate of conformity № 23 – HYPBCПCПБ – SP – 038 - 61

issued on 18.03.2024 and valid until 17.03.2027

## 1. Range, ring stiffness and dimensions

Nominal sizes DN/ID, mm	Ring stiffness SN, kN/m <sup>2</sup>
300 ≤ DN/ID ≤ 3000	4
300 ≤ DN/ID ≤ 3000	8
300 ≤ DN/ID ≤ 3000	16

## 2. Evaluated characteristics in accordance with the national requirements

Characteristic	Declaration requirement
Appearance and colour	According to BDS EN 13476-1:2018, item 6 smooth, clean and free from grooving, blistering, pores and any other surface defects color: black, orange-brown or dusty grey
Geometrical characteristics, mm: - average external diameter, DN/OD - average internal diameter, DN/ID - wall thickness	According to BDS EN 13476-3:2018+A1:2020 item 6, Tables 5 and 6
Impact resistance (round the clock method) at 0 °C	TIR ≤ 10 % % of damaged samples According to BDS EN 13476-3:2018+A1:2020 item 9.1, Table 14
Ring stiffness SN, kN/m <sup>2</sup>	≥ from the declared value of SN According to BDS EN 13476-3:2018+A1:2020 item 9.1, Table 14
Ring flexibility, kN	Without deformation at minimum 30 % from d <sub>em</sub> According to BDS EN 13476-3:2018+A1:2020 item 9.1.2, Table 14
Tensile strength of seam, N	According to BDS EN 13476-3:2018+A1:2020 item 9.1.3, Table 15
Effect of heating, %	No damage, declamations, cracks, or bubbles on the pipe According to BDS EN 13476-3:2018+A1:2020 item 8.3.1, Table 12

Place of issuance: Sofia  
Date: 18.03.2024CEO:  
(Dipl. Ing. Alexander Marinchev)