



**BUILDING RESEARCH INSTITUTE - NISI**  
**CONFORMITY ASSESSMENT BODY FOR CONSTRUCTION PRODUCTS**  
Licence granted by Ministry of Development and Public Works (MRRB) № ПООСП 07 from 15.09.2016  
Registration number 07 from the register of MRRB

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**CERTIFICATE  
OF CONFORMITY**

**No 07-HYPBCПCPE-21.5Г**



Issued according to Article 14, paragraph 1 and/or 2 of the Ordinance No ПД-02-20-1/05.02.2015 on the terms and conditions for use of construction products in the construction of the Republic of Bulgaria (HYPBCПCPE) of the Ministry of Regional Development and Public Works for construction products:

**PLASTIC HIGH DENSITY POLYETHYLENE PIPES (PE-HD) WITH  
STRUCTURED DESIGN OF THE WALL (SMOOTH INNER AND PROFILED  
OUTER SURFACE),  
with trade brand ECOCORR**

**FOR NON-PRESSURE UNDERGROUND DRAINAGE AND SEWERAGE, TYPE B, INTENDED TO BE USED  
BURIED UNDERGROUND BOTH OUTSIDE THE BUILDING STRUCTURE (APPLICATION AREA CODE "U")  
AND WITHIN THE BUILDING STRUCTURE (APPLICATION AREA CODE "D")**

**nominal sizes  $160 \leq DN/OD \leq 400$  mm and  $300 \leq DN/ID \leq 1000$  mm; ring stiffness class SN 4, SN 8**

**in pipe range and dimensions according to Annex 1 and  
declared performance according to Annex 2 of this certificate**

placed on the market by

**PIPELIFE BULGARIA EOOD**  
**3 Industrialna Str., Botevgrad, Bulgaria**

and produced at

the factory of **PIPELIFE BULGARIA EOOD**  
**3 Industrialna Str., Botevgrad, Bulgaria**

This certificate attests that the products have been assessed and meets the national requirements set out in

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

**Order No ПД-02-14-1329/03.12.2015 of the Minister of Regional Development and Public Works,  
Item 12 of Annex 2**

This certificate withdraws and replaces the Certificate No 07-HYPBCПCPE-21.5B of 15<sup>th</sup> August 2023, first issued on 24<sup>th</sup> June 2021 and will remain valid to 23<sup>th</sup> June 2024 provided that the manufacturer ensures the consistency of performance of the products and that the conditions of the production and production control are not significantly modified.

**Head of the CAB**  
Res.Assoc. Eng. Victoria Vassileva, Ph.D.

**General Manager of NISI Ltd**  
Maya Koseva



Sofia, 24<sup>th</sup> June 2024

*This Certificate includes two annexes of a total of 2 pages which are an integral part of it.*



## PIPE RANGE AND DIMENSIONS

of high density polyethylene pipes (PE-HD) with trade brand ECOCORR  
produced by PIPELIFE BULGARIA EOOD, included in the Certificate scope

Pipe range	Mean outside diameter DN/OD (mm)	Mean inside diameter DN/ID (mm)
Pipes of PE, <i>Nominal sizes</i> $110 \leq DN/OD \leq 400 \text{ mm}$ $300 \leq DN/ID \leq 1000 \text{ mm}$ , <i>Ring stiffness class SN 4, SN 8</i>	110;160; 200; 250; 315; 400	300; 400; 500; 600; 800; 1000

Continued



## DECLARED PERFORMANCE

of high density polyethylene pipes (PE-HD) with trade brand **ECOCORR**  
 produced by PIPELIFE BULGARIA EOOD, included in the scope of the Certificate

Characteristic	Test method	Performance	
		Dimension group $110 \leq DN/OD \leq 400 \text{ mm}$ Ring stiffness class <i>SN4, SN 8</i>	Dimension group $300 \leq DN/ID \leq 1000 \text{ mm}$ Ring stiffness class <i>SN4, SN 8</i>
Appearance and color	Visually	Confirm to item 6 of BDS EN 13476-1	Confirm to item 6 of BDS EN 13476-1
Geometrical characteristics, - Mean outside diameter - Mean inside diameter - Wall thickness	BDS EN ISO 3126	Conform to the threshold levels according to the tables 5, 6 and Clause 7.2 of BDS EN 13476 -3: 2018+A1:2020	Conform to the threshold levels according to the tables 5, 6 and Clause 7.2 of BDS EN 13476 -3: 2018+A1:2020
Impact strength 0°C (Round the clock method)	BDS EN ISO 3127	$TIR \leq 10 \%$	$TIR \leq 10 \%$
Ring stiffness, SN	BDS EN ISO 9969	$\geq 4 \text{ kN/m}^2$ (for SN 4) $\geq 8 \text{ kN/m}^2$ (for SN 8)	$\geq 4 \text{ kN/m}^2$ (for SN 4) $\geq 8 \text{ kN/m}^2$ (for SN 8)
Ring flexibility	BDS EN ISO 13968	No delamination, cracking in wall structure and permanent buckling according to Clause 9.1.2 of BDS EN 13476-3:2018+A1:2020	No delamination, cracking in wall structure and permanent buckling according to Clause 9.1.2 of BDS EN 13476-3:2018+A1:2020
Resistance to heating (oven test)	BDS ISO 12091:2017	No delamination, cracks and bubbles according to Table 12 of BDS EN 13476-3: 2018+A1:2020	No delamination, cracks and bubbles according to Table 12 of BDS EN 13476-3: 2018+A1:2020

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 Maya Koseva

