	<b>National declaration of performance</b>	<b>Number: 36/KAN-DWU/21 EN</b>
	<b>System KAN-therm Push</b> PE-Xa Pipes	Strona 1 z 2

1. Name and trade name of building product:

KAN-therm Push System PE-Xa pipe with EVOH [Ø16-32 mm]

2. Designation type of building product:

KAN-therm Push System PE-Xa pipe with EVOH

3. Intended use or uses:

For use in indoor installations of cold and hot utility water, drinking water, central radiator and underfloor heating and installations using glycol water solutions in accordance with the "Designer's and contractor's guide" issued by KAN Sp. z o.o., the catalog of the KAN-therm System and the guidelines of the KAN Technical Department.

4. Name and address of the producer and place of manufacture:

KAN Sp. z o.o.  
Zdrojowa 51 PL-16-001 Białystok-Kleosin  
Poland  
[www.kan-therm.com](http://www.kan-therm.com) e-mail: [kan@kan-therm.com](mailto:kan@kan-therm.com)

5. Name and address of the authorized representative, if appointed: not applicable

6. Domestic system used for assessment and verification of performance constancy:

System 3 and 4

7. National technical specification:

7a. Polish product standard:

PN-EN ISO 15875-2:2005; PN-EN ISO 15875-2:2005/A2:2021-06 – Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) – Part 2: Pipes


Name of the accredited laboratory and accreditation number:

SKZ - Testing GmbH, accreditation DAkkS nr D-PL-19033-01-00

7b. National technical assessment:

Not applicable.

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	<b>National declaration of performance</b>	<b>Number: 36/KAN-DWU/21 EN</b>
	<b>System KAN-therm Push</b> PE-Xa Pipes	Strona 2 z 2

8. Declared performance:

Essential characteristics of the construction product for the intended use or uses	Declared performance	Remarks
Geometric features	Accordance to KAN specifications and PN-EN ISO 15875-2:2005, pkt 6	
Mechanical properties	Design internal pressure resistance determined in accordance with PN-EN ISO 15875-2:2005, tab. A2 class 1 – 3,85 MPa class 2 – 3,54 MPa class 4 – 4,00 MPa class 5 – 3,24 MPa	
Physical properties	Thermal stability in accordance with PN-EN ISO 15875-2:2005, p. 4 : class 1 – $T_{rob}=60\text{ }^{\circ}\text{C} / T_{max}=80\text{ }^{\circ}\text{C}$ class 2 – $T_{rob}=70\text{ }^{\circ}\text{C} / T_{max}=80\text{ }^{\circ}\text{C}$ class 4 – $T_{rob}=60\text{ }^{\circ}\text{C} / T_{max}=70\text{ }^{\circ}\text{C}$ class 5 – $T_{rob}=80\text{ }^{\circ}\text{C} / T_{max}=90\text{ }^{\circ}\text{C}$  cross-linking $\geq 70\%$  acc. to PN-EN ISO 15875-2:2005	
Marking	Accordance to: PN-EN ISO 15875-2:2005	
Reaction to fire	Class E	
Impact on drinking water	Approved for contact with drinking water	PZH BK/W/0437/01/2019, PCA accreditation Nr AB 509

9. The performance of the product described above is in accordance with all of the declared performance characteristics mentioned in point 8. This national declaration of performance is issued in accordance with the Act of 16 April 2004 regarding construction products, under the sole responsibility of the manufacturer.

On behalf of manufacturer signed by:

Manager of the Quality Assurance Department



Kleosin – 20.08.2021  
(place – date of issue)

Janusz Żukowski  
(signature)