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	KAN-therm UltraLine Insulated Pipes	Page 1 z 2

1. Name and trade name of building product:

KAN-therm UltraLine System Insulated Pipe [Ø14÷32 mm]

2. Designation type of building product:

KAN-therm UltraLine System PE-RT Insulated Pipe
KAN-therm UltraLine System PE- Xc Insulated Pipe
KAN-therm UltraLine System PE- Xa Insulated Pipe
KAN-therm UltraLine System PE-RT/Al/PE-RT Insulated Pipe

3. Intended use or uses:

For use in internal installations of cold and hot utility water, drinking water, central radiator heating in accordance with the "Designer's and contractor's guide" published by KAN Sp. z o.o., the KAN-therm UltraLine System catalog 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 e-mail: kan@kan-therm.com

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

6. National system used for assessment and verification of performance consistency:

System 3 and 4

7. National technical specification:


7a. Polish product standard:

PN-EN ISO 21003-2:2009+A1:2011 - Multilayer piping systems for hot and cold water installations inside buildings - Part 2: Pipes.

PN-EN 14313:2016-04 – Thermal insulation products for building equipment and industrial installations - Factory made polyethylene foam (PEF) products - Specification.

Name of the accredited laboratory and accreditation number:
SKZ - Testing GmbH, akredytacja DAkkS nr D-PL-19033-01-00
IMA Materialforschung und Anwendungstechnik GmbH, akredytacja DAkkS nr D-PL-13119-02-00

7b. National technical assessment: Not applicable.

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8. Declared performance:

Essential characteristics of the construction product for the intended use or uses	Declared performance	Remarks
Geometric features	Accordance to KAN specifications	
Mechanical properties	Design internal pressure resistance determined in accordance with PN-EN ISO 21003-2:200 + A1:2011, Class 2/10 bar Class 5/10 bar	
Physical properties	Thermal stability : $T_{max}=90\text{ }^{\circ}\text{C}$ ($T_{mal}=100\text{ }^{\circ}\text{C}$) Coefficient of thermal conductivity of insulation : $\lambda\text{ w }t_{sr.40^{\circ}\text{C}} - 0,036\text{W/mK}$	
Marking	Accordance to: PN-EN ISO 21003-2:2009+A1:2011,	
Reaction to fire	Class E	
Impact on drinking water	Approved for contact with drinking water	Hygienic certificate PZH B.BK.60110.0862/2022 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 – 26.01.2024 r.
(place – date of issue)

Janusz Żukowski
(signature)