

	National declaration of performance	Number: 130/KAN-DWU/25_2E
	KAN-therm ultraLINE Pipes	Page 1 z 2

1. Name and trade name of building product:

System KAN-therm ultraLINE Pipes

2. Designation type of building product:

Pipe KAN-therm ultraLINE PERT²

Pipe KAN-therm ultraLINE PEXA

Pipe KAN-therm ultraLINE PEXC

Pipe KAN-therm ultraLINE PERTAL²

3. Intended use or uses:

For use in internal installations of cold and hot utility water, drinking water, chilled water, compressed air, radiator and surface heating as well as in cooling installations using glycol water solutions in accordance with the "Designer's and Contractor's Guide" issued by KAN Sp. z o. o., the KAN-therm System catalog and the guidelines of the KAN Technical Department.

When used in drinking water installations , national regulation must be observed.

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 constancy:

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.

Name of the accredited laboratory and accreditation number:

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

IMA Materialforschung und Anwendungstechnik GmbH, akreditation 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	Dimensions in accordance with the KAN catalog and specifications, as well as printed on the pipe and label 14x2, 16x2,2, 20x2,8, 25x2,5, 32x3	
Material: ultraLINE PERT ² ultraLINE PEXA ultraLINE PEXC ultraLINE PERTAL ²	PE-RT II/glue/EVOH/glue/PE-RT II PE-Xa/glue/EVOH/glue/PE-RT II PE-Xc/glue/EVOH/glue/PE-Xc PE-RT II/glue/Al/glue/PE-RT II	
Layers: 1. internal PE-RT II, PE-Xa, PE-Xc 2. Glue 3. EVOH or Aluminum 4. Glue 5. Outer layer PE-RT II, PE-Xc	Pressure transfer capacity (layers 1,2,3,4,5) Ability to block oxygen permeability (L 3) Ability to create interlayer adhesion (L 2,4) Ability to block (L 3) or significantly reduce the effects of UV and/or sunlight (L 1,2,4,5) Ability to mechanically protect all other layers (L 5) Ability to limit elongation (L 3) Ability to color the pipe (L 2,4,5)	
Mechanical properties	Design internal pressure resistance determined in accordance with PN-EN ISO 21003-2:2009 +A1:2011, Class 2/10 bar Class 5/10 bar	
Physical properties	Thermal stability : $T_{max}=90\text{ }^{\circ}\text{C}$ ($T_{mal}=100\text{ }^{\circ}\text{C}$)	
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 Poland hygienic certificate PZH: B.BK.60110.0710.2025, B.BK.60110.1482.2025 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 – 26.09.2025
(place – date of issue)

Janusz Żukowski
(signature)