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|  | National declaration of performance | Number: 31/KAN-DWU/21E |
| | KAN-therm Push System PE-Xc pipe with EVOH 5-layer | Page 1 z 2 |

1. Name and trade name of building product:

KAN-therm Push System PE-Xc pipe with EVOH 5-layer [Ø16-32 mm]

2. Designation type of building product:

KAN-therm Push System PE-Xc pipe with EVOH 5-layer

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 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 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, akredytacja DAkkS nr D-PL-19033-01-00

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 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, For pipes: 12x2, 14x2, 18x2,5, 25x3,5, 32x4,4 Class 2/10 bar ; class 5/10 bar For pipes 18x2 Class 2/8 bar; class 5/8 bar | |
| Physical properties | Thermal stability : class 2 – T=70 °C /T _{max} =80 °C class 5 – T=80 °C /T _{max} =90 °C Crosslinking acc. to PN-EN ISO 15875-2:2005, pkt 8 T _{max} = 90 °C (T _{mal} = 100 °C) | |
| Marking | Accordance to: PN-EN ISO 15875-2:2005 | |
| Reaction to fire | Class E | |
| Impact on drinking water | Approved for contact with drinking water | Hygienic certificate PZH B-BK-60210-1265/19, 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



Janusz Żukowski
(signature)

Kleosin – 10.06.2021
(place – date of issue)