	National declaration of performance	Number: 73/KAN-DWU/22E
	System KAN-therm Housing distributors	Page 1 z 2

1. Name and trade name of building product:

System KAN-therm Housing distributors

- PN16 (S3,2/SDR7,4) DN 20 – DN 110
- PN20 (S2,5/SDR6) DN 16 – DN 110
- manifolds on 1" profile made of stainless steel 1.4301
- manifolds on 1" profile made of carbon steel

2. Designation type of building product:

System KAN-therm Housing distributors

3. Intended use or uses:

For use in internal installations of cold and hot utility water, drinking water, chilled water, central heating radiator and cooling systems in accordance with the "Designer's and contractor's guide" published by KAN Sp. z o.o., 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 constancy:

System 3 and 4

7. National technical specification:

7a. Polish product standard:

PN-EN ISO 15874-2:2013-06 - Plastics piping systems for hot and cold water installations. Polypropylene (PP).
Part 2: Pipes

PN-EN ISO 15874-3:2013-06 - Plastics piping systems for hot and cold water installations. Polypropylene (PP).
Part 3: Fittings


Name of the accredited laboratory and accreditation number:

IMA Materialforschung und Anwendungstechnik GmbH, akredytacja DAkkS nr D-PL-13119-02-00

7b. National technical assessment:

ITB-KOT-2018/0502 edition 1 - KAN-therm system manifolds and pump groups

ITB Warszawa accreditation AC 020, notification: 1488

	National declaration of performance	Number: 73/KAN-DWU/22E
	System KAN-therm Housing distributors	Page 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: PN-EN ISO 15874-2:2013-06 PN-EN ISO 15874-2:2013-06 ITB-KOT-2018/0502 edition 1	
Mechanical properties	Internal pressure resistance : PN-EN ISO 15874-2:2013 PN10 (S5/SDR11) - 20 °C, 10 bar PN16 (S3,2/SDR7,4) – class 1/8 bar, 2/6 bar, 4/10 bar, 5/6 bar PN20 (S2,5/SDR6) - class 1/10 bar, 2/8 bar, 4/10 bar, 5/6 bar ITB-KOT-2018/0502 e. 1 ,Manifolds: without flow meters : Pmax-1MPa with flow meters : Pmax - 0.6MPa	
Physical properties	Application class: PN-EN ISO 15874-2:2013, pkt. 8 class 1 – T _{rob} =60 °C /T _{max} =80 °C class 2 – T _{rob} =70 °C /T _{max} =80 °C class 4 – T _{rob} =60/ °C T _{max} =70 °C class 5 – T _{rob} =80 °C /T _{max} =90 °C ITB-KOT-2018/0502 e. 1 Manifolds: without flow meters : T _{max} =90 °C with flow meters : T _{max} =80 °C	
Suitability for use	PN-EN ISO 15874-2:2013 pkt. 9 ITB-KOT-2018/0502 e. 1	
Marking	Accordance to: PN-EN ISO 15874-2:2013-06 ITB-KOT-2018/0502 e. 1	
Reaction to fire	Class F	
Impact on drinking water	Approved for contact with drinking water - excluding part with carbon steel manifold	B.BK.60110.0833.2022 B.BK.60110.0861.2022 B-BK-60210-1514/21 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 – 30.06.2022
(place – date of issue)