

	National Declaration of Performance	No.: 51/KAN-DWU/24E
	System KAN-therm Steel fittings	Page 1 of 2

1. Name and trade name of building product:

KAN-therm Steel system fittings made of galvanized carbon steel 1.0034 [Ø12 ÷ 108 mm].

2. Designation type of building product:

System KAN-therm Steel fittings (marked VSH Xpress)

3. Intended use or uses:

For use in indoor installations:

- heating systems in a closed system (pressure)
- dry compressed air
- cooling systems using glycol water solutions
- other listed in KAN technical literature in accordance with the "Designer 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

Place of manufacture : European Union

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

6. National system used for assessment and verification of performance constancy: System 3

7. National technical specification:

7a. Polish product standard: Not applicable.

Name of the accredited certification body, accreditation number and national certificate number or name of accredited laboratory(s) and accreditation number : Not applicable.

7b. National technical assessment:

National Technical Assessment ITB-KOT-2019/1106 edition 3 - KAN-therm Inox and KAN-therm Steel pressed connectors for joining steel pipes.

Technical Assessment Body/National Technical Assessment Body : ITB Warsaw.

Name of the accredited certification body, accreditation number and certificate number :

ITB Warsaw – accreditation No AC 020.



8. Declared performance:

Essential characteristics of the construction product for the intended use or uses	Declared performance	Remarks
Geometrical features	Dimension According to ITB-KOT-2019/1106 w. 3	
Material	Galvanized carbon steel 1.0034 O-rings: EPDM	
Mechanical properties	Maximum working pressure: a / up to 16 bar - for joints pressed with standard tools b / up to 25 bar - for joints pressed with HP tools c / up to 16 bar - for diameters Ø12-108 mm - for compressed air	
	Joint tightness in accordance with ITB-KOT-2019/1106 e. 3	
Physical properties	Temperature range -35 °C to 135 °C (EPDM)	
Reaction to fire	Class A1	
Marking	Accordance to: ITB-KOT-2019/1106 e. 3	
Impact on drinking water	Not permitted for contact with drinking water.	

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 – 05.03.2024
(place – date of issue)

Janusz Żukowski
(signature)