



1. Name and trade name of building product:

KAN-therm Steel fittings and pipes made of galvanized steel of the XPress Sprinkler System (DN20-DN100)

2. Designation type of building product:

Metal pipe systems crimped (pressed)

3. Intended use or uses:

For use in installations:

- water sprinkler systems
- fire-fighting water supply systems - hydrant
- 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:

VSH Fittings B.V. , Oude Amersfoortseweg 99 , NL-1212AA Hilversum, Netherland

Production facility :

- VSH Fittings B.V. , Oude Amersfoortseweg 99 , NL-1212AA Hilversum, Netherland (fittings Inox 22-54 mm, fittings Steel 22-108 mm)
- Marcegalia Carbon Steel, LOMAGNA PLANT Via Milano, 41 I-23871 Lomagna, Italy (steel pipes)
- Eurotubi srl., Via Croce Rossa Italiana, 12 I-20834 Nova Milanese, Italy (fittings Inox 76.1-108 mm)
- ATI srl., Viale Resegone, 7 I-22036 ERBA, Italy (pipes Inox)

5. Name and address of the authorized representative:

KAN Sp. z o.o., Zdrojowa 51 PL-16-001 Białystok-Kleosin, Poland

www.kan-therm.com e-mail: kan@kan-therm.com

6. National system used for assessment and verification of performance constancy: **System 1**

National Certificate of Constancy of Performance No. 063-UWB-0682 for Metal pipe systems clamped (pressed) - for use in buildings - KAN-therm Steel fittings and pipes of the XPress Sprinkler system made of galvanized carbon steel and KAN-therm Inox fittings and pipes of the XPress Sprinkler system made of stainless steel for fixed water extinguishing devices - CNBOP-PIB-KOT_2019/2024/0128-1005 edition 1. Scientific and Research Center for Fire Protection, National Research Institute, 05-420 Józefów, ul. Nadwiślańska 213; PCA accreditation: AC 063

7. National technical specification:

7a. Polish product standard: Not applicable.

7b. National technical assessment:

National Technical Assessment CNBOP-PIB-KOT_2019/2024/0128-1005 edition 1- Metal pipe systems clamped (pressed) - for use in buildings - KAN-therm Steel fittings and pipes of the XPress Sprinkler system made of galvanized carbon steel and KAN-therm Inox fittings and pipes of the XPress Sprinkler system made of stainless steel for fixed water extinguishing devices and fittings from DN20 to DN100 of the KAN-therm Inox Sprinkler System, for fixed water fire extinguishing systems.

**National Declaration of Performance****No: 83/KAN- DWU/25E**

KAN-therm Steel fittings and pipes made of galvanized steel of the XPress Sprinkler System

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8. Declared performance:

Essential characteristics of the construction product for the intended use or uses	Declared performance	Remarks
Mechanical properties	Maximum working pressure: Galvanized steel pipes (steel 1.0031) and fittings (Steel 1.0034, o-rings EPDM) - DN20 do DN50 : 16 bar - DN65 : 12,5 bar - DN80 i DN100 : 10 bar	
Physical properties	Temperature range from -20 °C to 110 °C	
Marking	Accordance with p.1.4	
Geometrical features	Accordance to specification tab. 1 w app. A and PN-EN 10305-3:2016-06	
Installation ensuring tightness of connections	Ensured using tools compliant with the manufacturer's documentation Instruction No. 5007134 and KAN-therm XPress Sprinkler Instructions	
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 – 13.02.2025

(place – date of issue)

Janusz Żukowski

(signature)