	National Declaration of Performance	No: 123/KAN-DWU/21_1E
	System KAN-therm Copper fittings	Page 1 of 2

1. Name and trade name of building product:

System KAN-therm Copper fittings

2. Designation type of building product:

System KAN-therm Copper fittings M (XPress Copper 12-108 mm)

System KAN-therm Copper fittings V (SudoPress Copper 12-54 mm)

3. Intended use or uses:

- hot and cold potable water systems,
- central heating systems,
- cooling systems,
- compressed air systems,
- solar systems, fuel oil installation (o-ring FPM).

Press fittings made of copper and copper alloys for connecting copper pipes (R220, R250 and R290) are intended for the above-mentioned application by pressing using a special press devices in accordance with the instructions and guidelines of the KAN Technical Department.

4. Name and address of the producer :

Aalberts Intergrated Piping Systems B.V.

Oude Amersfoortseweg 99

Hilversum1212 AA , Nederlands

Place of manufacture:

- Aalberts Intergrated Piping Systems SAS,
46 Rue de l'Industrie, 45550 Saint Denis-de-l'Hotel, France
- Aalberts Intergrated Piping Systems KFT,
Maglodi ut 16, Budapest H-1106, Hungary

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 3 and 4

7. National technical specification:

7a. Polish product standard:

PN-EN 1254-2:2021-10 - Copper and copper alloys. Plumbing fittings- Part 2: Compression fittings for use with copper tubes.

BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: +44 845 080 9000. Licence No. KM 586758

	National Declaration of Performance	No: 123/KAN-DWU/21_1E
	System KAN-therm Copper fittings	Page 2 of 2

7b. National technical assessment: Not applicable.

8. Declared performance:

Essential characteristics of the construction product for the intended use or uses	Declared performance	Remarks
Geometrical features	Dimensions acc. to PN-EN 1254-2:2021 p.4.3, Diameter range 12 – 108 mm	
Mechanical properties	Maximal operating temperature (without time limitation) is 120°C with EPDM Max. operating pressure: for diameter 12-54 mm 16 bar, for diameters > 54 mm 10 bar	
Physical properties	Material: Copper CW024A(Cu-DHP)- PN-EN 12499:2006 Bronze CC491K(Rg5)- CuSn5Zn5Pb5-C – PN-EN1982:2017-10 O-ring seal – EPDM or FPM	
Intended purpose	For performing connections of copper pipes in installation systems by radially pressing fitting over the pipe utilizing electrically driven press machines	List of approved press tools: see Manufacturer's guidance
Fire reaction class	Class A1	
Marking	According to PN-EN 1254-2:2021 p.6	
Impact on drinking water	Allowed for contact with drinking water	Hygienic approval PZH BK/W/0498/01/2019 PCA Accreditation No 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 – 07.12.2021 r.
(place – date of issue)

Janusz Żukowski
(signature)