	<b>National declaration of performance</b>	<b>Number: 81/KAN-DWU/21E</b>
	System KAN-therm Groove	Page 1 z 2

1. Name and trade name of building product:

System KAN-therm Groove Fittings (DN20 – DN300)

2. Designation type of building product:

System KAN-therm Groove fittings :

- DN32 do DN150 - type K9;
- DN200, type K-9H;
- DN40 do DN300, type 7771;
- DN25 do DN150, type 7705;
- DN200, type 7705H;
- DN 65x32 do DN 150x100, type Model 7721;
- DN 80x40 do DN 150x100, type Model 7722.

3. Intended use or uses:

For connecting additional pipelines to existing distribution lines, connecting branches supplying sprinklers in steel pipelines of fixed water extinguishing devices and for connecting pipes in overground pipelines of water extinguishing devices designed and installed in accordance with PN 12845 or other, comparable in terms of the level of requirements and tests, manufacturer's standards and guidelines.

These connectors can also be used in fire water systems.

4. Name and address of the producer and place of manufacture:

Shurjoint Metals Inc.  
No. 295, Sec. 3, Wandan Rd.  
Wandan Township, Pingtung, Taiwan

5. Name and address of the authorized representative, if appointed:

KAN Sp. z o.o.  
Zdrojowa 51, PL-16-001 Białystok-Kleosin, Poland  
[www.kan-therm.com](http://www.kan-therm.com) e-mail: [kan@kan-therm.com](mailto:kan@kan-therm.com)

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


7. National technical specification:

7a. Polish product standard: Not applicable.

7b. National technical assessment:

National Technical Assessment CNBOP-PIB-KOT-2019 / 0092-1005, edition 1 - Pipe sleeves DN 65x32 to DN 150x100, type Model 7721 and DN 80x40 to DN 150x100, type Model 7722, for fixed water extinguishing devices of the KAN-therm Groove system - issued by CNBOP-PIB Józefów near Otwock - PCA accreditation AC 063, notification: 1438

National Certificate of Constancy of Performance No. 063-UWB-0200 - Fasteners – for use in construction projects - Pipe sleeves DN 65x32 to DN 150x100, type Model 7721 and DN 80x40 to DN 150x100, type Model 7722, for fixed fire extinguishing water systems, KAN-therm Groove system - issued by CNBOP-PIB Józefów near Otwock - PCA accreditation AC 063, notification: 1438

	<b>National declaration of performance</b>	<b>Number: 81/KAN-DWU/21E</b>
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National Technical Assessment CNBOP-PIB-KOT-2019 / 0116-1005 edition 1 - Fasteners - connectors grooved for steel pipes, for fixed water extinguishing devices, rigid: DN32 to DN150, type K-9; DN200, type K-9H and DN40 to DN300, type 7771 and flexible: DN25 to DN150, type 7705 and DN200, type 7705H, KAN-therm Groove system - issued by CNBOP-PIB Józefów near Otwock - PCA accreditation AC 063, notification: 1438

National Certificate of Constancy of Performance No. 063-UWB-0201 - Fasteners – for construction site applications - Steel pipe grooved joints for fixed equipment water extinguishing systems, rigid: type K-9, K-9H, 7771 and flexible type 7705, 7705H, KAN-therm Groove - issued by CNBOP-PIB Józefów near Otwock -PCA accreditation AC 063, notification: 1438

8. Declared performance:

Essential characteristics of the construction product for the intended use or uses	Declared performance	Remarks
Mechanical properties	Maximum working pressure : 16 bar	
Physical properties	Working temperatures from -20°C to 110 °C	
Reaction to fire	Klasa A1	
Marking	CNBOP-PIB-KOT-2019/0092-1005 e.1 CNBOP-PIB-KOT-2019/0116-1005 e.1	
Geometric features	CNBOP-PIB-KOT-2019/0092-1005 e.1 CNBOP-PIB-KOT-2019/0116-1005 e.1	
Assembly	CNBOP-PIB-KOT-2019/0092-1005 e.1 CNBOP-PIB-KOT-2019/0116-1005 e.1	
Tightness	CNBOP-PIB-KOT-2019/0092-1005 e.1 CNBOP-PIB-KOT-2019/0116-1005 e.1	
Impact on drinking water	Not approved 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



Janusz Żukowski  
(signature)

Kleosin – 22.06.2021  
(place – date of issue)