	Declaration of performance	Number: 03/KAN-CPR/21E
	System KAN-therm Tacker Polystyrene board EPS T-30 dB	Page 1 z 2

1. Unique identification code of the product-type :

Tacker polystyrene board EPS T-30 dB with metalized foil

Code, batch number, production date placed on the product label.

Classification according to the standard PN-EN 13163+A2:2016-12 :

T2-L3-W3-S1-P10-DS(N)5-BS50- DLT(2)5

2. Intended use or uses :

The boards are used as sound insulation for water underfloor heating and cooling in residential and public utility buildings in rooms where the maximum load does not exceed 5.0 kN / m² 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.

3. Producer :

KAN Sp. z o.o.
ul. Zdrojowa 51;
16-001 Kleosin-Białystok; Poland
www.kan-therm.com
e-mail: kan@kan-therm.com

4. Authorized representative :

Not applicable

5. System or systems of assessment and verification of constancy of performance :

System 3

6. Harmonized standard:


PN-EN 13163+A2:2016-12 –Thermal insulation products for buildings - Factory made expanded polystyrene (EPS) products – Specification

Name of the accredited laboratory and accreditation number:

- Instytut Techniki Budowlanej – Notification no.: 1488
- Forschungsinstitut für Wärmeschutz e.V. (FIW) München– Notification no.: 0751
- Centralny Ośrodek Badawczo-Rozwojowy Izolacji Budowlanej – Notification no.:1486

European Technical Assessment :

Not refers

	Declaration of performance	Number: 03/KAN-CPR/21E
	System KAN-therm Tacker Polystyrene board EPS T-30 dB	Page 2 z 2

7. Declared technical properties:

Characteristic	Usage properties	Harmonized technical specification
Reaction for fire class	E	PN-EN 13163+A2:2016-12
Heat conduction factor - λ_D	0,040 W/(m·K)	
Impact sound reduction indicator	ΔLW do 30 dB	
Bending endurance	At least 50 kPa (class BS50)	
Dimension stability in normal laboratory environment	$\pm 0,5\%$ (class DS(N)5)	
Dimensional stability under certain temperature and humidity conditions	Requirements - 2% in conditions: 48 h and 70°C Class (DS(70,-)2)	
Deformation under certain conditions of compressive load and temperature	Maximum 5% under the conditions of: Load – 40 kPa; Temp. – (70 \pm 1)°C; Time – (168 \pm 1)h Class DLT(2)5	
Heat resistance - R_D : Thickness 35 mm	0,85 m ² K/W	

The performance of the product identified above is consistent with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer by:

Janusz Żukowski - Quality Assurance Manager



Kleosin – 24.05.2021r.

(place - date of issue)

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(signature)