	Declaration of performance	Number: 06/KAN-CPR/21E
	System KAN-therm Polystyrene board TBS EPS150	Page 1 z 2

1. Unique identification code of the product-type :

Polystyrene board TBS EPS 150 - milled
Polystyrene board TBS EPS 150 - complementary

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

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

T1-L1-W1-S1-P3-DS(N)5-DLT(1)5-BS250-CS(10)150.

2. Intended use or uses :

The boards are used as thermal and anti-damp insulation for water heating and underfloor cooling in residential and public utility buildings for heavily loaded floors 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:

- Güteschutzgemeinschaft Hartschaum e.V (GSH) Celle – Notification No. 0919
- Forschungsinstitut für Wärmeschutz e.V. (FIW) München– Notification No. 0751

European Technical Assessment :

Not refers

	Declaration of performance	Number: 06/KAN-CPR/21E
	System KAN-therm Polystyrene board TBS EPS150	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	0,036 W/(m·K)	
Compression behave at 10% deformation	At least 150 kPa (CS(10)150)	
Bending endurance	At least 250 kPa (class BS250)	
Dimension stability in normal laboratory environment	$\pm 0,5\%$ (class DS(N)5)	
Compressibility factor	3 mm (CP3)	
Length	± 1 mm (class L1)	
Width	± 1 mm (class W1)	
Perpendicularity	± 1 mm/1000 mm (class S1)	
Flatness	3 mm (class P3)	
Thickness	± 1 mm (class T1)	
Heat resistance - R_D : Thickness 25 mm	0,71 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 – 17.06.2021r.
(place - date of issue)

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(signature)