



DECLARATION OF PERFORMANCE No. 11/10/2015

1. Unique identification code of the product-type

EPS EN 13163-T2-L3-W3-S5-P10-BS500-CS(10)300-DS.(N)5-DS.(70)2-WL(T)1-CC(2/1,5/25)100

2. Identification number

305/11/11/10/15

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification

According to EN 13163 - for thermal insulation in construction

4. Registered trade name and contact address

Płyty Fundamentowe Systemu Izodom EPS 300 – 034 - Peripor
(Foundation slabs of the Izodom System EPS 300 – 034 - Peripor)

Izodom2000 Polska SP. z o.o., Zduńska Wola.

5. System of assessment and verification of constancy of performance of the construction product

3 system was used for the conformity assessment in accordance with EN 13172 and EN 13163 standards.

Declaration of the performance of the essential characteristics of the construction product was performed by the manufacturer on the basis of factory production control results and the tests by notified testing laboratories which carried out determination of the product-type. The levels and classes of performance related to the construction product under the EN 13163 harmonised standard were used for carrying out conformity assessment.

6. Notified bodies participating in the determination of the product-type

Instytut Techniki Budowlanej Zespół Laboratoriów Badawczych w Warszawie (Building Research Institute, Testing Laboratories in Warsaw), notification no. 1488 and Laboratorium Badawcze PCBC Gdańsk (Testing Laboratory of the Polish Centre of Testing and Certification in Gdańsk), notification no. 1396.

Test reports nos. as performed by the above notified bodies: no. 324/T/2013 and no. 46/T/2011, LK01-1084/11/ZOONK and Izodom Laboratory Report no. 11/300/ZN/FN.

Constancy of performance of the product is confirmed by audit tests carried out by the factory production control with the frequency specified in the EN 13163 specification standard.

**DECLARATION OF PERFORMANCE No. 11/10/2015****7. Declared performance**

Essential characteristics for the intended use, for thermal insulation in construction	Declared performance, class or level	Test standard	Harmonised technical specification
Dimensional tolerance: thickness, length, width, squareness, flatness	T2 (± 2 mm) L3 (0.6%) W3 (± 3 mm) S5 (± 5 mm) P10 (± 10 mm)	EN 823 EN 822 EN 822 EN 824 EN 825	PN-EN 13163:2013-05E
Flexural strength	BS 500 ≥ 500 kPa	EN 12089	
Dimensional stability under fixed and standard lab conditions.	DS(N)5 $\pm 0.5\%$	EN 1603	
Dimensional stability at 70 °C for 48 h	DS(70,-)2 $\leq 2\%$	EN 1604	
Compressive stress at 10% deformation	CS(10)300 ≥ 300 kPa	EN 826	
Declared thermal conductivity coefficient λ_D *	0.034 W/(m K)	EN 12667	
Long-term compressive strength at compressive stress of 90 kPa (9 Mg/m ²)	2% relative deformation for compressive creep	EN 13163	
Water absorption by total immersion	WL(T)1 1%	EN 12087	
Water steam diffusion coefficient	MU70	EN 13163	
Compressive creep	CC(2/2,5/25)100)	EN 1606	
Reaction-to-fire class	EUROCLASS E	EN 11925-2	PN-EN 13501-1:2007+A1:2009

*Converted into design conditions acc. to PN-EN ISO 10456; determined that the declared thermal conductivity coefficient is equal to the design thermal conductivity value.

8. Summary

Product performance defined in items 1 and 3 complies with the performance declared in item 7.

Verified on: 20.10.2015.

On behalf of the manufacturer:

Dyrektor Produkcji
Production Manager

mgr inż. Marcin Marczykowski