

DECLARATION OF PERFORMANCE

No 5/F/IZOL/2018/EN

1. Unique identification code of the product type:

IZOROL – L EPS 100

2. Intended use/es:

Product IZOROL – L EPS 100 is used in thermal insulation in construction

3. The manufacturer:

Kotar Sp. z o.o.
ul. Kościuszki 33, 56-100 Wołów
Tel.: **+48 71 389 23 16** Fax: **+48 71 389 44 94** Email: **kotar@kotar.pl**

4. System or systems of assessment and verification of constancy of performance of the construction:

System 3

5. Harmonised standard:

EN 13163:2012+A1:2015, „Thermal insulation products for buildings- Factory made expanded polystyrene (EPS) products- Specification.”

6. Notified body/ies:

- **Instytutu Techniki Budowlanej, Jednostka notyfikowana numer – 1488**
- **FIW MUNCHEN, Jednostka notyfikowana numer - 0751**
- **Centralny Ośrodek Badawczo – Rozwojowy Przemysłu Izolacji Budowlanej, Jednostka notyfikowana numer - 1486**

7. Declared performance/s:

Table no.1

Essential characteristics	Clauses in this and European standard(s) related to Essentials characteristics	Regulatory classes/NPD ¹	Harmonised technical specification
Thermal resistance	Thermal resistance and Thermal conductivity	R_D – (Table no.2) At most 0,038 W/m·K	EN 13163:2012 +A1:2015
	Thickness	T(2) (± 2mm) d_N (Table no.2)	
Reaction to fire	Reaction to fire	E	
Durability of reaction to fire against heat, weathering, ageing /degradation	Durability characteristics	NPD	
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance and Thermal conductivity	R_D – (Table no. 2) At most 0,038 W/m·K	
	Durability characteristics	NPD	
Compressive strength	Compressive stress or Compressive strength	CS(10)100	
Tensile/Flexural strength	Bending strength	BS150 (≥ 150 kPa)	
	Tensile strength perpendicular to faces	NPD	
Durability of reaction to fire against heat, weathering, ageing /degradation	Compressive creep	NPD	
	Freeze-thaw resistance	NPD	
	Long-term thickness reduction	NPD	
Water permability	Long term water absorption by immersion	NPD	
	Long term water absorption by diffusion	NPD	
Water vapour permeability	Water vapour transmission	NPD	

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Kapitał Zakładowy 1.100.000,00 zł

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NIPUEPL9170002793
Regon: 931615130
KONTO BZ WBK SA 1 o/Wołów:
62 1090 2460 0000 0006 2200 1593

Impact noise transmission index (for floors)	Dynamic stiffness	NPD
	Thickness	NPD
	Compressibility	NPD
Continuous glowing combustion	Continuous glowing combustion	NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD

¹ NPD – No performance determined

Table no.2: Declared thermal resistance R_D [m^2K/W]:

Thickness [mm]	20	25	30	35	40	50
Declared Value [m^2K/W]	0,50	0,65	0,75	0,90	1,05	1,30

Website address where is available this declaration of performance:

<http://www.kotar.pl>

The performance of the product identified above is in conformity with a set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (UE) no 305/2011 under the sole responsibility of the manufacturer identified above.

Information provided with declaration of performance

1. Information referred to in article 31 of ordinance (EC) no. 1907/2006 (REACH)

- Not applicable

2. Information about substances contained in the product specified in article 33 of ordinance (EC) no. 1907/2006 (REACH)

- Not applicable

Name and signature of entitled person:

Marcin Jaworski

(name and surname)

Wołów, 02.01.2018 r.

(place and date)

KOTAR Sp. z o.o.

 Marcin Jaworski
 Prezes Zarządu

(signature)