

DECLARATION OF PERFORMANCE

No 4/F/IZOL/2018/EN

1. Unique identification code of the product type:

IZOROL – PP EPS T 045

2. Intended use/es:

Product IZOROL – PP EPS T 045 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:

- **MPA BAU HANNOVER, Jednostka notyfikowana numer – 0764**
- **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 0,045 W/m·K	EN 13163:2012 +A1:2015
	Thickness	$T(0) (\pm 0\text{mm})$ 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 0,045 W/m·K	
	Durability characteristics	NPD	
Compressive strength	Compressive stress or Compressive strength	NPD	
Tensile/Flexural strength	Bending strength	BS50 (≥ 50 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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Sąd Rejonowy dla Wrocławia-Fabrycznej,
IX Wydział Gospodarczy Krajowego
Rejestru Sądowego
KRS: 0000708604
Kapitał Zakładowy 1.100.000,00 zł

NIP: 917-000-27-93
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	SD20 for thickness ≤ 30mm SD15 for thickness > 30mm
	Thickness	NPD
	Compressibility	CP3
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
Declared Value [$m^2K/$]	0,40	0,55	0,65	0,75	0,85

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

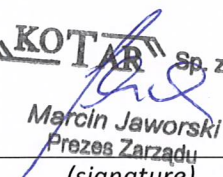
Name and signature of entitled person:

Marcin Jaworski

(name and surname)

Wołów, 02.01.2018 r.

(place and date)

KOTAR Sp. z o.o.

 Marcin Jaworski
 Prezes Zarządu
(signature)