

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 | $T(0)$ (± 0 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/W] | 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

- Information referred to in article 31 of ordinance (EC) no. 1907/2006 (REACH)
 - Not applicable
- 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)

Wotów, 02.01.2018 r.

(place and date)

KOTAR Sp. z o.o.

 Marcin Jaworski
 Prezes Zarządu
(signature)

Kotar Sp. z o.o

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