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# PRODUCT DECLARATION



No of declaration: **0101 - 21**

**PERLIT P-1**

sheet  
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## 1.0. Product identification

<b>Manufacturing company</b>	Termika doo , Požeška 4, 23000 Zrenjanin, Serbia
<b>Product type</b>	100% expanded perlite
<b>Product</b>	Factory prepared building material
<b>Product code</b>	6801010
<b>Name of product</b>	PERLIT P-1
<b>Organoleptic</b>	White powder, odorless, tasteless

## 2.0. Product Features

### 2.1. Chemical composition



SiO <sub>2</sub>	68 - 75 %
Al <sub>2</sub> O <sub>3</sub>	10 - 12 %
Fe <sub>2</sub> O <sub>3</sub>	1 - 2,5 %
CaO	1,5 - 2 %
MgO	0,2 - 1,5 %
Na <sub>2</sub> O	2,8 - 4,5 %
K <sub>2</sub> O	3,2 - 4,5 %

### 2.2. Physico-chemical characteristics

No flammable material (melting at temperatures over 1230°C) with strong thermal insulating properties. Ecological does not pollute the environment (improving soil characteristics, dirt collects in the water).

Parameters	Methods	Units	Average value	STD
Bulk density	Internal methods TR-UP-01-021	kg/m <sup>3</sup>	<b>100</b>	10,9

Parameters	Methods	Sieves diameter [mm]	Average value	STD
Granulometric content	Internal methods TR-UP-01-023	+ 1,000	<b>53,2</b>	8,1
		- 1,000 + 0,315	<b>27,2</b>	3,1
		- 0,315 + 0,200	<b>5,9</b>	1,2
		- 0,200	<b>13,7</b>	4,3

 <p>Tel: +381 23 543 020  Web: <a href="http://www.termika.rs">www.termika.rs</a>  e-mail: <a href="mailto:termika@termika.rs">termika@termika.rs</a></p>	<b>PRODUCT  DECLARATION</b>	 ISO 9001:2015 Cert No: GKSR-0294-QC
<b>№ of declaration: 0101 - 21</b>	<b>PERLIT P-1</b>	
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### 3.0. Application

It is used in construction for thermal and the acoustic insulation of residential, industrial and the business buildings where other elements of the structure closed space into which poured perlite P-1 without binders. It is used for the production of lightweight pearlite concrete and the pearlite thermal insulation mortar.

### 4.0. Packaging

Natron bag volume 67L.

### 5.0. Terms of storage and transport

Transported in a closed transportations means. The product is delivered twice stretch with plastic foil on wooden pallets. The product can be delivered in bulk quantities on request.

Store in a covered dry places and should be protected from the influence of moisture.

### 6.0. Expire date

Unlimited duration with above mentioned storage conditions.

### 7.0. Advice for safe use

The product is not harmful to health. It is advisable to use protective glasses when handling product. In the event that the product gets into the eye, eye cannot by rubbed wash it off with water in case of increasing irritability seek medical treatment.

### NOTE

Average values and the standard deviations are result of several years of product laboratory measurements, obtained from the raw materials of different origin and the they are for your information only. Manufacturer retains the right to change the declaration without prior notification.

<b>Date of specification:</b>	<b>Made by:</b>
01.03.2021.	
	<b>Approved by:</b>