

## DECLARATION OF PERFORMANCE

No 003 ENERGETSKI BLOK 25 STRONG - 1871 - CPR – 0274

1. Unique product identification code:

**Clay element for masonry with vertical cavities /P/ element  
380/250/238**

**ENERGETSKI BLOK 25 STRONG**

2. Intended use/purpose:

**A clay masonry element designed to be used in insulated walls**

3. Manufacturer: IGM „MLADOST” d.o.o., Puškinova b.b., Leskovac, Srbija, Ogranak Stalać

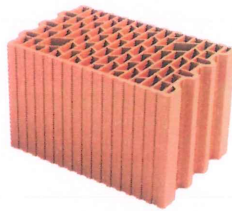
4. Authorized representative: we do not attach

5. System/Systems for procedure and verification of performance constancy: System 2+

6. a) Harmonized standard: EN 771-1:2011+A1:2015

Notifying body: "Center for testing and European certification" EOOD, gr. Stara Zagora, Notified body number NB 1871  
from the register of the European Commission,

7. Declared performance

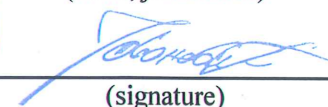
Essential characteristics	Declared performance	Harmonized technical specification
Dimensions and dimensional tolerance	Dimensions: Length: <b>380 mm</b> Width: <b>250 mm</b> Height: <b>238 mm</b> Category on the tolerance of the mean values of the dimension: <b>Class T1</b> Dimension category: <b>Class R2</b>	<b>EN 771-1:2011+A1:2015</b>
Configuration-void percentage	 <b>62 %</b>	
Compressive strength	Category: <b>Element I category</b>	
	Average compressive strength: <b>13 N/mm<sup>2</sup></b>	
	Load direction: <b>Perpendicular to the adjacent side</b>	
Content of active soluble salts	<b>S0</b>	
Water absorption	<b>10,7 %</b>	
Water vapor permeability	<b>Water vapor diffusion coefficient (I): 5/10</b>	
Gross mass volume in dry state	<b>( D1 ) 724,2 kg/m<sup>3</sup></b>	
Reaction to fire:	<b>Class A1</b>	
Thermal conductivity:	<b><math>\lambda_{10,dry,unit,2} = 0.241 \text{ W/(mK)}</math></b>	
The operational performance of the product, listed above, is in accordance with the declared performance. This declaration of performance is issued in accordance with Regulation (EU) 305/2011 under the sole responsibility of the manufacturer.305/2011 po isključivoj odgovornosti proizvođača.		

signed for the manufacturer and on his behalf:



**Milan Jovanović- branch director**

(name, jurisdiction)



(signature)

Stalać, 09.04.2024.

(place and date of issue)