

DECLARATION OF PERFORMANCE

No 020 ENERGETSKI BLOK 20 AKUSTIK - 1871 - CPR – 0274

1. Unique product identification code:

**Clay element for masonry with vertical cavities /P/ element
380/200/238**

ENERGETSKI BLOK EB 20 AKUSTIK

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

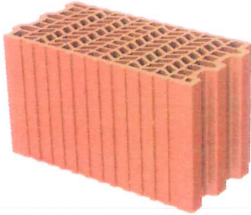
4. Authorized representative: **we do not attach**

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: 380 mm Width: 200 mm Height: 238 mm Category on the tolerance of the mean values of the dimension Dimensions: Class T1 Dimension category Class R2	EN 771-1:2011+A1:2015	
Configuration-void percentage	 Percentage of voids: 53 %		
Compressive strength	Category		Element I category
	Average compressive strength		16,2 N/mm²
	Load direction		Perpendicular to the adjacent side
Content of active soluble salts	S0		
Water absorption	10,9 %		
Water vapor permeability	Water vapor diffusion coefficient (μ): 5/10		
Gross mass volume in dry state	(D1) 928,6 kg/m³		
Reaction to fire:	Class A1		
Sound insulation	55 dB	EN ISO 10 140-1	
Thermal conductivity	$\lambda_{10, dry, unit, 2} = \mathbf{0.189 W/(mK)}$		
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, director of the Stalać branch

(name, jurisdiction)

Stalać, 09.04.2024.
(place and date of issue)



(signature)