

DECLARATION OF PERFORMANCE

No 005 ENERGETSKI BLOK 20 - 1871 - CPR – 0274

1. Unique product identification code:

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

ENERGETSKI BLOK EB 20

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

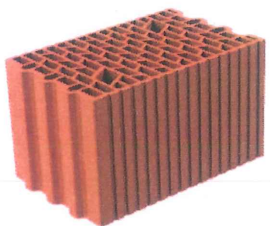
4. Authorized representative: we do not attach

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: Class T1 Dimension category: Class R2 | EN 771-1:2011+A1:2015 | |
| Configuration-void percentage |  | | 62 % |
| Compressive strength | Category | | Element I category |
| | Average compressive strength | | 14,8 N/mm² |
| | Load direction | | Perpendicular to the adjacent side |
| Content of active soluble salts | S0 | | |
| Water absorption | 10,5 % | | |
| Water vapor permeability | Water vapor diffusion coefficient (I): 5/10 | | |
| Gross mass volume in dry state | (D1) 723,1 kg/m³ | | |
| Reaction to fire: | Class A1 | | |
| Thermal conductivity: | $\lambda_{10,dry,unit,2} = 0.246 \text{ W/(mK)}$ | | |
| 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- branch director

(name, jurisdiction)

Stalać, 04.04.2024.

(place and date of issue)



(signature)