

DECLARATION OF PERFORMANCE

DoP Nr. 1000000 rev. 0

Type:

HELUZ NATURE Energy 12/25

1. Unique identification code of the product-type: **24120.00**

2. Intended use:

The drawing is indicative and may be modified slightly

3. Manufacturer:

HELUZ cihlá ský pr mysl v.o.s. U Cihelny 295, CZ 373 65 Dolní Bukovsko I : 46680004
Factory: **Hevlín**

5. System of assessment and verification of constancy of performance of the construction product: **System 2+**

6a. Harmonised standard: EN 771-1:2011+A1:2015; Notified body/ies: 1020 TZÚS Praha, s.p.

7. Declared performance:

Essential characteristic		Performance		Harmonized technical specification
Compressive strength (bedface)*, Category I, P	mean	0	N/mm ²	
	normalized	0		
Dimensional stability	moisture movement		mm/m	
Active soluble salts content		NPD (S0)		
Reaction to fire		Euroclass A1		
Water absorption	Not to be left exposed!			
Direct airborne sound insulation	wall with the both side plaster		dB	
Gross dry density	category of tolerance	1680	kg/m ³	
Work dimensions	Length:	250	mm	
	Width:	120	mm	
	Height:	240	mm	
Flatness of bed faces		NPD	mm	
Plane parallelism of bed faces		0	mm	
Group of masonry units	vertically perforated element with a tongue and groove system, see attached picture			
Bond strength (for elements intended for use in load-bearing structures)	determined value		N/mm ²	
Water vapor permeability	Diffusion resistance factor	5/10		

Essential characteristic		Performance		Harmonized technical specification
Thermal conductivity <small>10,dry , unit</small>	Method		W/mK	
Durability against freeze-thaw	Not to be left exposed!			
Hazardous substances	Mass activity $^{226}\text{Ra} < 120 \text{ Bq.kg}^{-1}$			

* Test according to EN 772-1, treating compressed areas according to article 7.2.4 and conditioning according to article 7.3.2. A single strength value is not less than 0.8 times of the declared compressive strength.
 ** T_m : At the calibrated bricks is the maximum height difference +/- 0.5 mm. The dimensional tolerance category of width and length is T2 +.

Next characteristics Acoustic brick

The minimum thickness of the face side shells is mm	Minimum area for concrete infill canal is mm²
and of the perpend shell is mm	and its smallest dimension is mm
The minimum thickness of the webs is mm	The average volume of the recess (mortar pockets) is ml
Percentage of voids is %	Percentage of grip hole is %

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:



Ing. Jan Smola
Proxy holder