

DECLARATION OF PERFORMANCE
No. 2021-23-CPSZ2

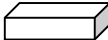
1. Unique identification code of the product-type:
CL-U-II-20-CPSZ2

2. Intended use:
U unit for use in unprotected masonry.

5. System of AVCP: **system 4**

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

7. Declared performance:

Essential characteristics		Performance
Dimensions	Length x width x height Tolerance Range	250x120x50 mm T1 NPD
Configuration	Shape (drawing) Group (according to EN1996-1-1) Flatness of bed faces Plane parallelism of bed faces	 G1 NPD NPD
Compressive strength	Category Mean compressive strength Normalized compressive strength Direction of load	II 24,8 N/mm² 20,0 N/mm² perpendicular to bed faces
Dimensional stability		NPD
Bond strength	Fixed value	0,15 N/mm²
Active soluble salts content	Category	S0
Reaction to fire	Euroclass	A1
Water absorption		< 14 %
Water vapour permeability	Coefficient of water vapour diffusion	50/100
Direct airborne sound insulation	Net dry density Density tolerance category Dimensions and tolerance Shape	1850 kg/m³ D1 as above as above
Thermal resistance		NPD
Durability against freeze/thaw	Category	F1 (20) – moderate exposure (20 cycles)
Dangerous substances		not occurrence (f1 < 1; f2 < 200 Bq/kg)

The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Radoszyce, 12.05.2021

Signed for and on behalf of the manufacturer by:

CO-OWNER

Włodzisław Zawrzykraj

INSTRUCTIONS FOR USE

THE BRICK 250x120x50 (20 class) is a U-type clay masonry unit designed for use in unprotected (as well as protected) masonry - common and structural, brick columns, partition walls, chimney flue casings, etc.

Considering the declared category of durability against freeze/thaw, the product can be used in masonry subjected to moderate (F1*) or passive (F0*) exposure. The product is not intended for use in masonry subjected to severe exposure (F2*).

The following requirements must be observed:

- lay bricks with normal, completely filled bonds
- use traditional or ready masonry mortar,
- apply the requirements of the adopted bricklaying system and the principles of the building art,
- using the product outside, impregnation should be done, when the wall is dry. Remember that incorrect impregnation may cause flaking.

The product should be stored in original packaging, and products used directly for construction works should be stored temporarily in a way that protects them against continuous and systematic influence of moisture. The product can be stored under a roof or in the open air, where it should be protected against penetration of water, especially when stored during the winter. In the case of interruption of construction works before their completion for a period longer than a few days, the wall with the applied product must be permanently protected against moisture or getting wet.

* Categories of durability against freeze/thaw (according to PN-EN 771-1+A1:2015):

F0 – passive exposure – masonry in internal walls and the inner leaves of cavity walls; also masonry in external walls if provided with suitable protection, the extent of which depends on climatic conditions: in some parts of Europe, experience suggests that a thick layer of suitable external render provides such a protection; in situations where there is a risk of wetting accompanied by freezing, the protection should take the form of an impermeable cladding;

F1 – moderate exposure – suitable measures to prevent saturation of the masonry are given: protection to wall heads by roof overhangs or copings; projecting throated sills; damp proof courses at the top or base of walls;

F2 – severe exposure – unrendered masonry near to external ground level where saturation with freezing can occur; unrendered parapets where saturation with freezing can occur, e.g. where the parapet is not provided with an effective coping; unrendered external chimney masonry where saturation with freezing may occur; cappings, copings, and sills in areas where freezing conditions can occur.

INFORMATION ON SAFETY

THE BRICK 250x120x50 (20 class) does not belong to the category of dangerous products. The use of the product does not cause danger. The product is non-flammable, does not decompose when used as intended, it is not subject to dangerous reactions. The product does not contain dangerous substances as referred to in art. 31 and 33 of REACH or any other dangerous substances.

Transportation of the product is possible by land, sea and air.

Storage of the product is possible in bulk cargo units (pallets), in a maximum of 4 layers or in bulk up to a height of 1.5 m.

Moving of the product by one person is possible from 1 to 4 pcs. at once.

Collective packaging (pallets) should be moved individually, using transport devices and with the protection of unauthorized persons.

In connection with the use of the product, the following types of waste may occur: used packaging, damaged products. Possible waste product user as the owner is obliged to develop in accordance with the applicable legal requirements. Wastes that may arise in connection with the use of the product are not dangerous, do not pose a threat to the user, and managed in accordance with the requirements of the regulations do not pose a threat to the environment.