

DECLARATION OF PERFORMANCE

No 1 BM/EN



1. Unique identification code of the product-type:

Concrete paving blocks
GT, Nida, Prizma, Dito, Troja, Tavr, Eco line,
Plaza 2x2, Nord, Nostal, Antika, Kuba

2. Intended use(s):

Precast concrete paving blocks and additional details are used for: pedestrian paths, vehicle areas, areas around buildings, bicycle paths, parking lots, roads, highways, industrial areas (including docks and ports), airport pavements, bus stations, filling stations.

3. Manufacturer:

SIA "Betono mozaika" Mazā Apakšgrāvja iela 5, Rīga. Tālr. +37127773354, e-pasta adrese: info@betonomozaika.lv

4. Authorised representative - not applicable.

5. System of assessment and verification of constancy of performance: System 4

6. Harmonised standard: LVS EN 1338:2003/AC:2006 Concrete paving blocks. Requirements and test methods

7. Declared performance

<u>Essential characteristics</u>	<u>Performance</u>	<u>Harmonised technical specification:</u>
Water absorption	2B ($\leq 6\%$)	LVS EN 1338:2003, LVS EN 1338:2003/AC:2006
Freeze/thaw resistance	3D ($\leq 1.0 \text{ kg/m}^2$ after 28 cycles)	LVS EN 1338:2003, LVS EN 1338:2003/AC:2006
Resistance to abrasion	4I	LVS EN 1338:2003, LVS EN 1338:2003/AC:2006
Tensile splitting strength	$\geq 3.6 \text{ Mpa}$	LVS EN 1338:2003, LVS EN 1338:2003/AC:2006
Destructive load per unit length	$\geq 250 \text{ N/mm}$	LVS EN 1338:2003, LVS EN 1338:2003/AC:2006
Dimensional tolerance of the product when thickness is $< 100 \text{ mm}$	length $\pm 2 \text{ mm}$, width $\pm 2 \text{ mm}$, thickness $\pm 3 \text{ mm}$	LVS EN 1338:2003, LVS EN 1338:2003/AC:2006
Dimensional tolerance of the product when thickness is $\geq 100 \text{ mm}$	length $\pm 3 \text{ mm}$, width $\pm 3 \text{ mm}$, thickness $\pm 4 \text{ mm}$	LVS EN 1338:2003, LVS EN 1338:2003/AC:2006
Diagonal tolerance when diagonal length is $> 300 \text{ mm}$	$\leq 3 \text{ mm}$	LVS EN 1338:2003, LVS EN 1338:2003/AC:2006
Slip/skid resistance	Satisfactory	LVS EN 1338:2003, LVS EN 1338:2003/AC:2006
Asbestos release	none	LVS EN 1338:2003, LVS EN 1338:2003/AC:2006
Flammability	A1	LVS EN 1338:2003, LVS EN 1338:2003/AC:2006

8. Relevant technical documentation and/or specific technical documentation:

The performance of the specified product corresponds to all declared performance. This declaration of performance is provided in accordance with Regulation (EU) No 305/2011. Only the manufacturer referred to in item 3 shall be responsible for its content.

Technical information

The selection and installation of concrete paving blocks requires specific knowledge, skills and tools. In order for the concrete paving blocks to maintain the performance declared by manufacturer and to be suitable to be used for their intended purpose for the entire warranty period, we recommend entrusting product selection and installation work to a certified company.

When purchasing concrete paving blocks, their thickness should be selected taking into account the design load of the planned pavement, the pavement structure class, and the design requirements:

- for pavements where no motorised traffic is planned, the thickness of the concrete paving blocks must be at least 50 mm;
- for pavements where passenger vehicle traffic is planned, the thickness of the concrete paving blocks must be at least 80 mm;
- for pavements where heavy vehicle traffic and/or special loads are planned, the thickness of the concrete paving blocks must be selected in accordance with the design instructions for that structure.

The occurrence of defects in the products as well as deterioration of the performance of the products may be caused by: 1) improper prediction of the loads actually acting on the pavement or failure to assess environmental factors, 2) improper installation of the pavement, 3) improper usage of the pavement.

The Minimum Requirements for the Installation and Use of Concrete Products are available on the manufacturer's website, www.betonomozaika.com. These requirements are an integral part of this Declaration of Performance.

The existence/occurrence of white spots on the surface of the products is the consequence of the release of calcium carbonate (lime). The formation of such spots only confirms that Portland cement was used in the manufacture of the product, the natural hardening consequence of which is the release of lime.

The products can be transported by all modes of transport in accordance with the rules for the carriage of goods laid down for such transport. The products should be stored in packages, bulk bags or stacks on a solid base, in accordance with occupational safety requirements. The products should be loaded, unloaded and stored in such a way that the products are not damaged.

The manufacturer provides a warrantee in accordance with the procedure established by the Civil Code. The warranty conditions for the concrete products can be found on the manufacturer's website,

www.betonomozaika.com. If the warranty conditions are not complied with, the manufacturer cannot guarantee conformity of the products with the declared performance. No warranty is provided/applicable for the aesthetic appearance of a product laid in a pavement.

Signed (on behalf of the manufacturer):

Production Manager Mantas Malinauskas
(name, surname, position)

Rīga, Mazā Apakšgrāvja iela 5, 2021 03 01
(place and date of issue)

(signature)