



# CLIMATE DECLARATION

**CERAMIC TILES EN 14411:2016**  
GLAZED AND UNGLAZED CERAMIC TILES OF MEDIUM SIZE

**Functional unit: 1 m<sup>2</sup> covering of a surface for 50 years with ceramic tiles (water absorption groups Bla, BIII)**  
The climate declaration shows the emissions of greenhouse gases, expressed as CO<sub>2</sub>-equivalents.  
It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD<sup>®</sup>,  
in accordance with ISO 14025.



Programme: The International EPD<sup>®</sup> System  
EPD registration number: S-P-01479  
Validity: 2025/10/19  
PCR 2012:01 V. 2.32 UN CPC: 3731  
PCR review conducted by: the technical committee  
of The International EPD<sup>®</sup> System

Independent verification of the declaration and data, according to ISO:  
external verifier: Certiquality S.r.l.  
Accredited / Approved by: Number of accreditation:  
003h rev15, [www.certiquality.it](http://www.certiquality.it)  
Climate Declarations from different programs may not be comparable.

This Climate Declaration only addresses one impact category and does not  
assess other potential social, economic and environmental impacts arising  
from the provision of this product. These aspects may be of equal or greater  
importance than the impact category displayed.

## Information about the product

The stoneware tiles (Bla, glazed and unglazed) are produced at the production sites in Orel and Malino (Moscow region). The ceramic tile (BIII, glazed) is produced only at the production site in Orel.

The intended use of the product is surface covering. The versatility of the ceramic tile allows the installation in different environments such as homes, offices, shops, restaurants, hospitals, and etc, both indoor and outdoor, for walls and floors cladding. BIII type tiles are, in particular, intended for the tiling of interior walls, which are not exposed to climatic effects. This type of tiles is suitable for tiling walls in kitchens, bathrooms, and other premises.

## Information about the company

KERAMA MARAZZI is a leading manufacturer of ceramic decorative and finishing materials with a well-developed mono-brand retail network in Russia and abroad. The company represents Italian solutions and creative approach to designing ceramic items that are popular throughout the world and Russia's enormous potential, production capacity, and personnel. The high quality of KERAMA MARAZZI products, their compliance with Russian and international standards, norms and technical requirements are confirmed with appropriate certificates, technical approvals, and expert reports.

## Climate declaration

The diagram below shows the carbon footprint of the product, calculated as kg carbon dioxide equivalents (GWP, 100 years).

Type of tiles	Unit of the GWP100a	A1-A3	A4-A5	B2	C1-C4
Bla, glazed (Orel)	kg CO2-eq	1.02E+01	3.25E+00	1.31E+00	3.82E-01
Bla, unglazed (Orel)		9.56E+00	3.23E+00	1.31E+00	3.82E-01
BIII, glazed (Orel)		8.07E+00	2.51E+00	1.02E-01	2.6E-01
Bla, glazed (Malino)		1.40E+01	3.49E+00	1.31E+00	4.31E-01
Bla, unglazed (Malino)		1.34E+01	3.47E+00	1.31E+00	4.31E-01

## Other environmental impacts

For the full EPD, see [www.environdec.com](http://www.environdec.com) and [www.epdrussia.org](http://www.epdrussia.org)

## Contact information

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