

# CLIMATE DECLARATION

## FOR NG KÜTAHYA CERAMIC WALL TILES

Declared unit: 1 m<sup>2</sup> of product

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®, in accordance with ISO 14025.

### Information about the product

Ceramic wall tiles, covered under this Environmental Product Declaration, are primarily made of naturally occurring materials such as clay and mineral modifiers such as quartz and feldspar. Wall tile is defined as glazed vitreous ceramic ware used primarily for technical purposes. Wall tiles have water absorption of about higher than %10 by volume. They are used on internal surfaces. The full composition is available in the EPD.



### Information about the company

NG Kütahya Seramik Porselen Turizm A.Ş. operates in ceramic and tourism sectors in Turkey. Ceramic tile products are produced and marketed under the brand of NG Kütahya Seramik.

The production ranges from 10cmx20cm to 120cmx240cm dimensions, as floor-wall tiles, porcelain tiles and glass mosaics. The company has become the first manufacturer in the world for the production of the biggest green body tiles in its Technical Granit Ceramic Factory in Kütahya, Turkey.

The emphasis NG Kütahya Seramik places on the quality of work, human capital and environment proven with the award of national and international standards such as TS EN ISO 9001:2008, EN 14411:2012, TSE K 149:2012.

### Climate Declaration

The table below shows the emissions of greenhouse gases, calculated as kg carbon dioxide equivalents for 1 m<sup>2</sup> of product.

The included life cycle stages are raw material supply, transport and product manufacture (A1-A3) and disposal (C4). Other modules are not included.

Manufacturing A1-A3	End of life C4
10.8 kg CO <sub>2</sub> e	0.195 kg CO <sub>2</sub> e

### Other environmental information

This declaration is limited to the impact on climate change by emissions of greenhouse gases. Further information about other relevant environmental aspects is available in the EPD® at [www.environdedec.com](http://www.environdedec.com) and [www.epdturkey.org](http://www.epdturkey.org).

The EPD is also available via the ECO Platform website, <http://www.eco-platform.org/list-of-all-eco-epds.html>

### Contact information

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**NG KÜTAHYA**  
SERAMİK

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INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: MARCUS WENDIN, INDIVIDUAL VERIFIER		APPROVED BY: THE INTERNATIONAL EPD® SYSTEM	
LINK TO MORE INFORMATION: <a href="http://www.environdedec.com/en/Detail/?Epd=10405#VbJPNhnb_j4">http://www.environdedec.com/en/Detail/?Epd=10405#VbJPNhnb_j4</a>			
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			