

CLIMATE DECLARATION

FOR PORCELAIN TILE

Declared unit: 1 m² of Porcelain Tile

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a life cycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025.

Information about the product

Graniser Glazed Porcelain Tile is produced from kaolin, clay and feldspar.

After production, the final products are packed. Products are packaged with recyclable cardboards and plastics.



Information about the company

GRANİSER GRANİT SERAMİK A.Ş. was established in 1997 by focusing on infrastructure, technology, design and quality standards. The company has grown rapidly with the innovations it has brought to the sector and has become one of Turkey's leading ceramic tile manufacturers aiming for excellence in customer care.

The Head Office of GRANİSER GRANİT SERAMİK A.Ş., is in İzmir/ Turkey. The production facility is located in Akhisar / Manisa Organized Industrial Zone, which is 1 kilometer distance to the Izmir-Istanbul highway. The production facility established on an area of 275 decares and the factory has an annual production capacity of 22 million square meters. The double-fired wall tiles, floor tiles and glazed porcelain tiles in various sizes and designs are produced with 11 kilns and 20 production lines.

Our company has a strong distribution channel with over 40 authorized dealers in the Turkish market. Meanwhile it continues to increase its strength in the foreign market day by day with its exports to more than 60 countries.

Climate Declaration

The table below shows the emissions of greenhouse gases, calculated as carbon dioxide equivalents (kg CO₂ eq.) for 1 m² of Porcelain Tile. The included life cycle stages are product (A1-A3), construction process (A4-A5), use (B2-B5), end of life (C1-C4) and benefits and loads (D).

Product Stage (A1-A3)	Construction/Use/EoL (A4-A5/B2-B5/C1-C3)	TOTAL
11.6 kg CO ₂ e	8.2 kg CO ₂ e	19.8 kg CO ₂ 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.environdec.com and www.epdturkey.org.

Contact information

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INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: doc. Ing. Prof. Vladimir Kočí, INDIVIDUAL VERIFIER	APPROVED BY: THE INTERNATIONAL EPD® SYSTEM	
LINK TO MORE INFORMATION: https://www.environdec.com/library/epd4110		
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE		