

CLIMATE DECLARATION

FOR CERAMIC TILES

Declared unit: 1 m² of ceramic wall tiles

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-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

Kaleseramik Ceramic Wall Tiles are primarily made of kaolin, clay and feldspar, but they also include other raw materials such as marble, frit, dolomite, bentonite and quartz.

Kaleseramik Ceramic Wall Tiles are largely used as interior and exterior wall coverings.



Information about the company

Laying its foundation with Çanakkale Ceramic Factories Corporation in 1957, Kale Group pioneered the formation of the ceramics industry in Turkey. Today, Kale Group is Europe's 3rd and the world's 12th largest ceramics manufacturer. Kale Group provides its products to consumers in over 100 countries via more than 400 sales points. Kale, a company of Kale Group, manufactures ceramic tiles with a production capacity of 66 million m² ceramic tile/year. Kaleseramik's tile products take place in market under Çanakkale Seramik, Kalebodur and Kale brand names. Kaleseramik, being aware of its environmental responsibilities, takes necessary measures in all stages from planning, production and delivery to protect the environment.

Climate Declaration

The table below shows the emissions of greenhouse gases, calculated as carbon dioxide equivalents (kg CO₂ eq.) for 1 m² of ceramic wall tile. This LCA is cradle-to-grave; includes the product, construction/installation, use and end of life stages.

Product Stage (A1-A2-A3)	Construction/Use/EoL (A4-A5/B2-B6-B7/C2-C4)	TOTAL
8.34 kg CO ₂ eq.	3.33 kg CO ₂ eq.	11.7 kg CO ₂ eq.

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. Vladimir Kočí, Ph.D, INDIVIDUAL VERIFIER		APPROVED BY: THE INTERNATIONAL EPD® SYSTEM	
LINK TO MORE INFORMATION: https://www.environdec.com/Detail/?Epd=11680			
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE. THIS SINGLE-ISSUE EPD ONLY ADDRESSES ONE ENVIRONMENTAL 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 SINGLE IMPACT CATEGORY DISPLAYED.			