

CLIMATE DECLARATION

FOR MIXED MORTAR DOLOMITE MORTAR

Functional unit: 1 tonne

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 EN 15804.

Information about the product



It is used in ladles, arc furnaces and converters in the iron and steel industry. Mixed mortar + dolomite mortar is used in melting furnaces in nonferrous metal production facilities and mixed mortar is used in cement furnaces in the cement industry, but dolomite mortar is not used in the cement industry.

Information about the company

KÜMAŞ Magnesite Inc. is located at the address of Kütahya Province, Eskişehir Road 9. Km 43001 and operates in a total area of 695.270 m² and 68.561 m² closed area. KÜMAŞ Magnesite Inc. produces "Sintered Magnesite, Calcined Magnesite, Fused Magnesite, Kures Powder, Refractory Brick and Mortar".

Climate declaration

The table below lists the emissions of greenhouse gases for the product in kg CO₂ eq. per 1 tonne of product.

GWP	A1-A3	A4	A5	C1
Fossil	2.21E+03	4.57E+01	0.00E+00	0.00E+00
Biogenic	-1.29E+01	0.00E+00	1.29E+01	0.00E+00
Luluc	4.54E+00	2.27E-02	0.00E+00	0.00E+00
Total	2.20E+03	4.57E+01	1.29E+01	0.00E+00
GWP	C2	C3	C4	D
Fossil	5.01E+01	6.40E+02	1.24E+02	-1.19E+03
Biogenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Luluc	2.44E-02	1.27E+00	5.00E-02	-2.37E+00
Total	5.01E+01	6.42E+02	1.24E+02	-1.20E+03

Other environmental impacts

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.epdturkey.org and www.environdec.com.

Contact information

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INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: HUDAI KARA PHD, INDIVIDUAL VERIFIER		ACCREDITED / APPROVED BY: THE INTERNATIONAL EPD® SYSTEM	
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