

# CLIMATE DECLARATION

## FOR FIRED CHROMITE BRICKS

Functional unit: 1 tonne

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 EN 15804.

### Information about the product



The fired chromite brick is used as lining brick in the furnace in the lead, nickel, copper, gold, ferrochrome etc. sectors. Raw materials are fed from the silos in the blend building according to the recipe of the product. The mixed blends are shaped in hydraulic presses and turned into fired chromite bricks.

### 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 m<sup>2</sup> and 68.561 m<sup>2</sup> 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 CO<sub>2</sub> eq. per 1 tonne of product.

GWP	A1-A3	A4	A5	C1
Fossil	4.26E+03	4.16E+01	1.81E+01	0.00E+00
Biogenic	-2.51E+01	0.00E+00	2.51E+01	0.00E+00
Luluc	3.28E+00	2.15E-02	1.73E-02	0.00E+00
Total	4.24E+03	4.16E+01	4.34E+01	0.00E+00
GWP	C2	C3	C4	D
Fossil	5.01E+01	4.45E-03	7.11E+01	-1.00E+03
Biogenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Luluc	2.44E-02	5.81E-06	2.86E-02	-8.03E-01
Total	5.01E+01	4.46E-03	7.11E+01	-1.00E+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](http://www.epdturkey.org) and [www.environdec.com](http://www.environdec.com).

### Contact information

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