

CLIMATE DECLARATION

FOR A1 COREX PLASTERBOARD

Declared unit: 1 m² gypsum based plasterboard

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

A1 COREX is a plasterboard used in the cladding of existing walls and partition walls, in the construction of suspended ceilings, shaft walls and ventilation ducts, and in the reinforcing of steel and wooden structural components' fire resistance.

It can be used for: Non-load-bearing partition walls by screwing it to both faces of a metal frame, drywall lining by screwing it to one face of a metal frame or by bonding it to the existing wall and suspended ceilings by screwing it to the metal frame that has been fastened to the existing floor with a hanger system.



Information about the company

DALSAN Alçı is an ineradicable company almost as old as Turkish Republic, has developed first workshop establishment from fabrication of teeth plaster by baking and pestling them in neighborhood bakery oven, and today, the company has fabrication capacity of 1 million ton of plaster based products manufactured by using modern and high technology in facilities located in Gebze and Ankara. DALSAN Alçı also manufactures galvanized profiles used in drywall systems in these facilities.

The emphasis of Dalsan Alçı on the quality of work, human capital and environment proven with the award of national and international standards such as EN 9001:2008 and Greenguard Certificates for its products.

Climate Declaration

The table below shows the emissions of greenhouse gases, calculated as kg carbon dioxide equivalents for 1 m² A1 COREX plasterboard.

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
2.75 kg CO ₂ e	0.081 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.

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

Contact information



Dalsan Alçı Sanayi ve Ticaret A.Ş.

Kızılcaşar Mahallesi 1184. Cadde No:22/1
İncek 06830 Gölbaşı / Ankara - TÜRKİYE
T:(+90) 312 303 4900 F:(+90) 312 341 2640

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doc. Ing. Vladimír Kočí, Ph.D, INDIVIDUAL VERIFIER

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THE INTERNATIONAL EPD® SYSTEM

LINK TO MORE INFORMATION: <http://www.environdec.com/en/Detail/epd796>

CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE