

# CLIMATE DECLARATION

## FOR BOARDEX AND BOARDEX ROOF EXTERIOR SHEATHING BOARDS

Declared unit: 1 m<sup>2</sup> gypsum based plasterboard

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 ISO 14025.

### Information about the product

BoardeX is an exterior sheathing board used in exterior wall, with its reinforced core against humidity and special orange fiberglass mats. It prevents any growth of bacteria or mold and it is an A1 class non-combustible construction material. BoardeX Roof is an A1 noncombustible roof board integrated with special white fiberglass mesh on the back surface.

BoardeX can be used for: On exterior wall systems, under all kinds of claddings (including metal claddings, PVC, wood sidings and decorative brick claddings), on rain screen systems, in wet areas, for all kind of soffit applications. BoardeX Roof can be used instead of OSB or wood under roofing materials such as clay/concrete tiles and shingles, etc.



### 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 m<sup>2</sup> BoardeX plasterboard. BoardeX product name represents BoardeX and BoardeX Roof plasterboards.

The included life cycle stages are raw material supply, transport and product manufacture (A1-A3) and disposal (C4). Other modules are not included.

Manufacturing	End of life
A1-A3	C4
2.85 kg CO <sub>2</sub> e	0.076 kg CO <sub>2</sub> 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](http://www.environdec.com) and [www.epdturkey.org](http://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



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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