

# CLIMATE DECLARATION FOR RIGIPS RBI 12.5 MM MOISTURE RESISTANT PLASTERBOARD

Declared unit: 1 m<sup>2</sup> of board @ 8.34 kg/m<sup>2</sup>

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

Rigips RBI 12.5 mm is a gypsum plasterboard consisting of an aerated gypsum core encased in, and firmly bonded to, strong paper liners. The gypsum core contains mineral fibres and other additives to improve core adhesion at high temperature. Rigips RBI 12.5 is a type A plasterboard conforming to the requirements of EN 520:2004+A1:2009 standard. Rigips RBI 12.5 is a plasterboard that is suitable for dry lining internal surfaces in humid areas and for constructing partitions.



## Information about the company

In striving to maintain high standards in its manufacturing systems Saint-Gobain Rigips applies principles of World Class Manufacturing (WCM), which aims to reduce the impact on resources (natural gypsum, water use, energy consumption, waste generation and polluting emissions).

The company has the following certifications:

- ISO 9001:2008 Quality Management System
- ISO 14001:2004 Environmental Management System
- BS OHSAS 18001:2007 Occupational Health and Safety Management

## Climate declaration

The table presents the emissions of greenhouse gases, calculated as kg carbon dioxide equivalents (kg CO<sub>2</sub> eq.) per 1 m<sup>2</sup> of board. The life cycle of the product includes Cradle to Gate with Options: Upstream & Core processes (A1 – A3), Downstream processes (A4 – A5, B1 – B7, C1 – C4):

|     | A1-A3   | A4      | A5      | B1-B7   |
|-----|---------|---------|---------|---------|
| GWP | 3,0E+00 | 1,6E-01 | 1,9E-01 | 0       |
|     | C1      | C2      | C3      | C4      |
| GWP | 3,9E-02 | 3,4E-02 | 0       | 1,4E-01 |

## Other environmental information

This Climate Declaration is limited to declaring a single environmental impact. For information about other impacts, see the full EPD available at [www.environdec.com](http://www.environdec.com).

## Contact information

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|---|---------------|--|---|
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| PCR: 2012:01 V2   | UN CPC: 37510 | PCR REVIEW CONDUCTED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM |   |
| INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025:<br>EXTERNAL VERIFIER: ANDREW NORTON     |               |  | ACCREDITED / APPROVED BY:<br>THE INTERNATIONAL EPD SYSTEM |
| LINK TO MORE INFORMATION: <a href="http://environdec.com/en/detail/epd783">HTTP://ENVIRONDEC.COM/EN/DETAIL/EPD783</a> |               |  |   |
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