

Manufacturer: Norgips Norge AS
Product: Hardboard type IR
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This product can support collecting BREEAM-NOR credits.

Indoor climate

Emissions of gases
 Odor dissatisfaction (voluntary, does not contribute to points)

Hazardous substances





Hazardous substances

Resource usage

Renewable / non-renewable materials
 Energy









Greenhouse effect

Global Warming Potential

| Rating | Overall rating |
|--------|---|
| 2 |  |
| 3 |  |
| 2 7 |  |
| 3 * |  |

Basis for assessment: EPD type III acc. EN 15804, externally verified
Assessment applicable to: 14.06.2020 (31.12.2016)**
Life Cycle Perspective: Cradle to gate (A1 – A3)
Declared unit (DU): 1 m²
Thickness and weight DU: 12,5 mm / 12 kg
Product category: Plasterboard
Moisture resistance: Sensitive to moisture
Cleaning possibility: Not relevant
Estimated service life: 60 years

Explanation of symbols

| | |
|---|-----------------------------|
|  | 1 Excellent |
|  | 2 Good |
|  | 3 Average to good |
|  | 4 Average |
|  | 5 Adjoining average |
|  | 6 Marginally average |
|  | 7 Poor |
|  | 8 Very poor (or incomplete) |

** Reference values for GWP is adjusted once a year, and can influence the rating.

Comments to the assessment

Indoor climate

Emissions of gases:
 Certificate/Approval: SINTEF Certification Technical Approval.

Odor dissatisfaction (does not contribute to points):
 -

Overall rating for indoor air quality is green (2), ie. «good».

Hazardous substances

The product meets the requirements set in BASTA, SINTEF Technical Approval or BVD category accepted. May contain substances on the Candidate List of Substances of Very High Concern (REACH) and/or the Norwegian priority list, but not more than 0.1%.

Overall rating for hazardous substances is green (3), ie. «average to good».

Resource usage

Renewable / non-renewable materials:
 The product consists of 3,2 % renewable and 95 % non-renewable raw materials.
 Percentage of secondary materials:
 The product consists of 198 % secondary/recycled materials.

Energy:

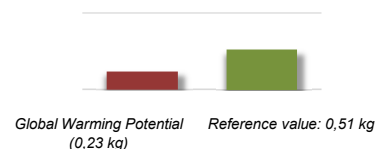
The energy consumption is distributed on 0,6 % renewable primary energy resources used as raw materials, 7,1 % renewable primary energy, 0,4 % non renewable primary energy used as raw materials, 91,8 % non renewable primary energy.

Overall rating for resource usage is white (5), ie. «adjoined to average».

Greenhouse effect

Global Warming Potential:
 Global Warming Potential is 44 % of the reference value.

Overall rating for Global Warming Potential is green (3), ie. «average to good»



* Reference values apply pr. kg product.

This report is intended to be an exchange of information from Byggtjeneste to Norgips Norge AS, and shall not be used for other purposes. Current environmental profile of the product can be downloaded from www.byggtjeneste.no.