

**Manufacturer:** Knauf USG Systems GmbH & Co. KG  
**Product:** Aquapanel® Cement Board  
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Assessment report, ID number 188  
 Date: 13.04.2016

**This product can support collecting BREEAM-NOR credits.**

**Indoor climate**

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

**Hazardous substances**

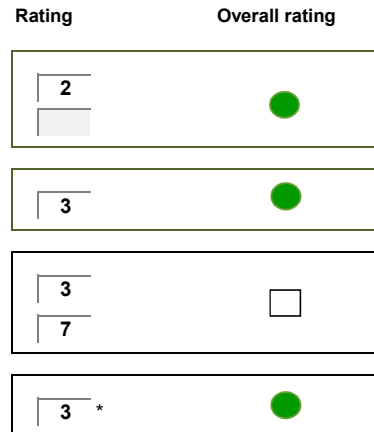
Hazardous substances

**Resource usage**

Renewable / non-renewable materials  
 Energy

**Greenhouse effect**

Global Warming Potential



**Basis for assessment:** EPD type III acc. EN 15804, externally verified  
**Assessment applicable to:** 10.10.2018 (31.12.2016)\*\*  
**Life Cycle Perspective:** Cradle to gate (A1 – A3)  
**Declared unit (DU):** 1 tonn  
**Thickness and weight DU:** 12,5 mm / 14,4 kg  
**Product category:** Fiber cement sheets  
**Moisture resistance:** Not affected by 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 1 % renewable and 99 % non-renewable raw materials.  
 Percentage of secondary materials:  
 The product consists of 8 % secondary/recycled materials.

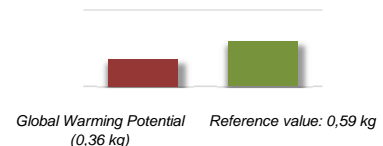
Energy:  
 The energy consumption is distributed on 8,6 % renewable primary energy, 91,4 % non renewable primary energy.

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

**Greenhouse effect**

Global Warming Potential:  
 Global Warming Potential is 60 % 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 Knauf USG Systems GmbH & Co. KG, and shall not be used for other purposes. Current environmental profile of the product can be downloaded from [www.byggtjeneste.no](http://www.byggtjeneste.no).**