

**Manufacturer:** Cembrit Holding A/S  
**Product:** Cembrit True, Cembrit Zenit. Pigmented cladding panels with colored surface. Grey cement baseboard  
**Contact person:** Stian Kjærnes  
**Email:** [stian.kjaernes@cembrit.no](mailto:stian.kjaernes@cembrit.no)

Assessment report, ID number 28  
 Date: 07.03.2016

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

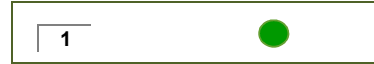
**Indoor climate**

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



**Hazardous substances**

Hazardous substances



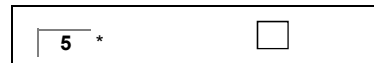
**Resource usage**

Renewable / non-renewable materials  
 Energy



**Greenhouse effect**

Global Warming Potential



**Basis for assessment:** EPD type III acc. EN 15804, externally verified  
**Assessment applicable to:** 13.01.2018 (31.12.2016)\*\*  
**Life Cycle Perspective:** Cradle to gate (A1 – A3)  
**Declared unit (DU):** 1 m<sup>2</sup>  
**Thickness and weight DU:** 9 mm / 15,53 kg  
**Product category:** Fiber cement sheets  
**Moisture resistance:** Not affected by moisture  
**Cleaning possibility:** Good  
**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:  
 Not applicable

Odor dissatisfaction (does not contribute to points):  
 Not applicable

**Hazardous substances**

The product meets the requirements set by the BVD recommended, and contains no more than 0.1% by weight of substances on REACH authorization list, candidate list and/or the Norwegian priority list.

**Overall rating for hazardous substances is green (1), ie. «excellent».**

**Resource usage**

Renewable / non-renewable materials:  
 The product consists of 4 % renewable and 96 % non-renewable raw materials.  
 Percentage of secondary materials:  
 The product consists only of virgin materials.

**Energy:**

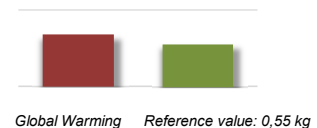
The energy consumption is distributed on 12 % renewable primary energy resources used as raw materials and 88 % non renewable primary energy used as raw materials.

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

**Greenhouse effect**

Global Warming Potential:  
 Global Warming Potential is 122 % of the reference value.

**Overall rating for Global Warming Potential is white (5), ie. «adjoined to average»**



\* Reference values apply pr. kg product.

**This report is intended to be an exchange of information from Byggtjeneste to Cembrit Holding A/S, 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).**

Information in this report is based on a external verified EPD according to EN 15804 and additional information obtained from the manufacturer. Norsk Byggtjeneste AS disclaims any responsibility for consequences of any incorrect or incomplete information.

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