

Manufacturer: Cembrit Holding A/S
Product: Cembrit Zenit, Cembrit True. Pigmented cladding panels with colored surface. White cement baseboard
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Assessment report, ID number 29
 Date: 07.03.2016

This product can support collecting BREEAM-NOR credits.

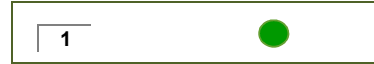
Indoor climate

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



Hazardous substances

Hazardous substances



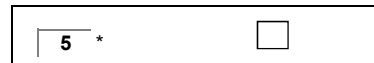
Resource usage

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 m²
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 95 % non-renewable raw materials.
 Percentage of secondary materials:
 The product consists only of virgin materials.

Energy:

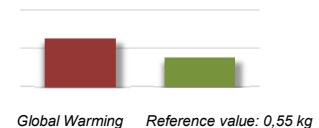
The energy consumption is distributed on 11 % renewable primary energy resources used as raw materials and 89 % non renewable primary energy used as raw materials.

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

Greenhouse effect

Global Warming Potential:
 Global Warming Potential is 118 % 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.

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.