

Manufacturer: Cembrit Holding A/S
Product: Cembrit Multi Force fibre cement boards
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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		
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2			
2			
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3			
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6 *			

Basis for assessment: EPD type III acc. EN 15804, externally verified
Assessment applicable to: 24.04.2021 (31.12.2016)**
Life Cycle Perspective: Cradle to gate (A1 – A3)
Declared unit (DU): 1 tonn
Weight declared unit: 1000 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 may influence the rating.

Comments to the assessment

Indoor climate

Emissions of gases:
 Certificate/Approval: M1 (Building Information Foundation RTS).

Odor dissatisfaction (does not contribute to points):
 The product has an odor dissatisfaction (PD) of < 10 %

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

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 5 % renewable and 95 % non-renewable raw materials.

Percentage of secondary materials:
 The product consists only of virgin materials.

Energy:

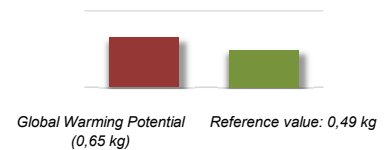
The energy consumption is distributed on 7 % renewable primary energy resources used as raw materials, 33 % renewable primary energy, 3 % non renewable primary energy used as raw materials, 57 % non renewable primary energy.

Overall rating for resource usage is white (4), ie. «average».

Greenhouse effect

Global Warming Potential:
 Global Warming Potential is 135 % of the reference value.

Overall rating for Global Warming Potential is white (6), ie. «marginally 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.