

Manufacturer: Cembrit Holding A/S
Product: Cembrit Troidtekt acoustic panels grey
Contact person: Stian Kjærnes
Email: stian.kjaernes@cembrit.no



Assessment report, ID number 319
 Date: 31.08.2016

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

Rating	Overall rating		
<table border="1"> <tr><td>2</td></tr> <tr><td>2</td></tr> </table>	2	2	●
2			
2			
<table border="1"> <tr><td>1</td></tr> </table>	1	●	
1			
<table border="1"> <tr><td>3</td></tr> <tr><td>4</td></tr> </table>	3	4	□
3			
4			
<table border="1"> <tr><td>3 *</td></tr> </table>	3 *	●	
3 *			

Basis for assessment: EPD type III acc. EN 15804, externally verified
Assessment applicable to: 18.12.2021 (31.12.2016)**
Life Cycle Perspective: Cradle to gate (A1 – A3)
Declared unit (DU): 1 tonn

Product category: Cement bonded wool wood panels
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 0,47 % renewable and 0,53 % non-renewable raw materials.
 Percentage of secondary materials:
 The product consists only of virgin materials.

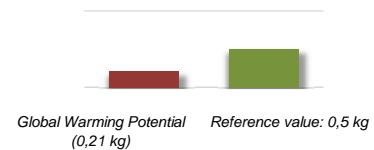
Energy:
 The energy consumption is distributed on 2 % renewable secondary fuels, 45 % renewable primary energy resources used as raw materials, 14 % renewable primary energy, 3 % non renewable secondary fuels, 3 % non renewable primary energy used as raw materials, 33 % non renewable primary energy.

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

Greenhouse effect

Global Warming Potential:
 Global Warming Potential is 42 % 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 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.