

Manufacturer: Moelven Limtre AS

Product:

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Assessment report, ID number 99

Date: 25.08.2015

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

Use of net fresh water

Energy

Greenhouse effect

Global Warming Potential (product)

Global Warming Potential (transport)

Basis for assessment: EPD type III acc. EN 15804, externally verified

Assessment applicable to: 30.06.2020 (31.12.2015)*

Life Cycle Perspective: Cradle to gate (A1 – A3)

Declared unit (DU): 1 m³

Weight declared unit: 470 kg

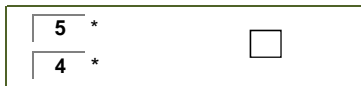
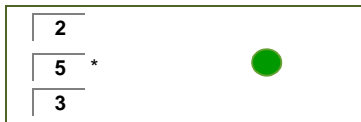
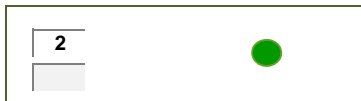
Product category: Glulam Beams

Moisture resistance: Sensitive to moisture

Cleaning possibility: Poor

Estimated service life: 60 years

Rating Overall rating



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)

Comments to the assessment

Indoor climate

Emissions of gases:

The product is characterized as low-emitting according to EN 15251.

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 98 % renewable and 2 % non-renewable raw materials.

Percentage of secondary materials:

The product consists only of virgin materials.

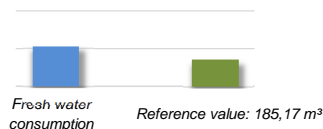
Use of net fresh water:

Consumption of net fresh water is 110 % of the reference value.

Energy:

The energy consumption is distributed on 63 % renewable primary energy resources used as raw materials, 25 % renewable primary energy, 1 % non renewable primary energy used as raw materials and 11 % non renewable primary energy.

Overall rating for resource usage is green (3), ie. «average to good».



Greenhouse effect

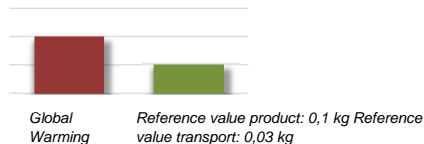
Global Warming Potential:

Global Warming Potential for the product is 121 % of the reference value, transport 93 %.

Emissions for transport is based on the route Moelv – Oslo (a total of 159 km) with truck.

Global Warming Potential incl. transport is 107 % of the reference values (reference values for the product is taken from «www.klimagassregnskap.no»).

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



* Reference data will be adjusted annually, and ratings for water and greenhouse effect can therefore be changed. However, this report will be valid corresponding validity of the EPD that the assessment is based upon.