











## Additional Norwegian requirements

### Greenhouse gas emission from the use of electricity in the manufacturing phase

Swedish national production mix from import, low voltage (production of transmission lines, in addition to direct emissions and losses in grid) of applied electricity for the manufacturing process (A3).

Data source	Amount	Unit
Energywares Gabi and end energymix ENSTO-E 2016	42	g CO <sub>2</sub> -eqv/kWh

### Dangerous substances

- The product contains no substances given by the REACH Candidate list or the Norwegian priority list
- The product contains substances given by the REACH Candidate list or the Norwegian priority list that are less than 0,1 % by weight.
- The product contain dangerous substances, more then 0,1% by weight, given by the REACH Candidate List or the Norwegian Priority list, see table.
- The product contains no substances given by the REACH Candidate list or the Norwegian priority list. The product is classified as hazardous waste (Avfallsforskiten, Annex III), see table.

Name	CAS no.	Amount
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### Indoor environment




Not relevant

### Carbon footprint

Carbon footprint according to ISO 14067 has not been worked out for the product.

## Bibliography

ISO 14025:2006	Environmental labels and declarations - Type III environmental declarations - Principles and procedures
ISO 14044:2006+A1:2017+A2:2020	Environmental management - Life cycle assessment - Requirements and guidelines
EN 15804:2012+A1:2013	Sustainability of construction works - Environmental product declaration - Core rules for the product category of construction products
ISO 21930:2007	Sustainability in building construction - Environmental declaration of building products
NPCR 015 version 3.0	PCR Part B for wood and woodbased products for use in construction (10.04.2019).
Erlandsson M, Peterson D:	Klimatpåverkan för byggnader med olika energiprestanda. Underlagsrapport till kontrollstation 2015. För Energimyndigheten och Boverket. IVL Svenska Miljöinstitutet, rapport nr U5176, 27 maj 2015, första version daterad 10 maj 2015.
Lundström J	Energy consumption for different frame materials during the production phase of an apartment building. Diploma work, HT2016, BY1704, Umeå University.
Erlandsson M	Generic LCA report for the EPD generator: Sawmill products – As the basis for the publication of EPDs within EPD Norway. IVL, January 2022.
Erlandsson M	Supplementary LCA report for Sandåsa Timber: Planned timber u16%. IVL. January 2022.

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