















## Additional Norwegian requirements

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

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
Electricity, low voltage {SE} market for   Cut-off, U	0.047	kg CO <sub>2</sub> -eqv/kWh
Electricity, high voltage {NO} market for   Cut-off, U	0.017	kg 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
- The product contain dangerous substances, more then 0,1% by weight, given by the REACH Candidate List or the Norwegian
- The product contains no substances given by the REACH Candidate list or the Norwegian priority list. The product is classified as hazardous waste (Avfallsforsiften, Annex III), see table.

### Transports

Transport from production unit to central storage in Norway/Sweden: 0 km

Central storage is close beside the production unit in both countries, therefore no other transport needed.

Transport from production unit to construction site in Norway/Sweden: 290 km

### Indoor environment

The product meets the requirements for low emissions (M1) according to EN15251: 2007 Appendix E.




Glass and steel do not emit any notable substances into air. The hot-melt glue does not contain any toxic substances or substances with irritating properties. Emission tests have been performed on the solid wood and results can be found in Appendix 7 of the LCA-report (*LCA-report Sweco 2020-5*).

### Carbon footprint

Carbon footprint has not been worked out for the product.

## Bibliography

ISO 14025:2006	<i>Environmental labels and declarations - Type III environmental declarations - Principles and procedures</i>
ISO 14044:2006	Environmental management - Life cycle assessment - Requirements and guidelines
EN 15804:A1	<i>Sustainability of construction works - Environmental product declaration - Core rules for the product category of construction products</i>
ISO 21930:2007	<i>Sustainability in building construction - Environmental declaration of building products</i>
PCR, Institut Bauen und Umwelt, v1.7 2019	<i>Product Category Rules for Building-Related Products and Services; Part A: Calculation Rules for the Life Cycle Assessment and Requirements on the project report Part B: Requirements on the EPD for Room partition systems</i>
LCI/LCA Report	<i>Background report for Flush Front. Report number: LCA-report Sweco 2020-5</i>
ECHA, 2014	<i>ECHA: "Candidate List of Substances of Very High Concern for authorisation". Available at <a href="http://www.echa.europa.eu/web/guest/candidate-list-table">http://www.echa.europa.eu/web/guest/candidate-list-table</a> Last update: 25 june 2020</i>
Norwegian Environment Agency	<i>List of Priority Substances Available at <a href="http://www.environment.no/en/Tema/Kjemikalier/Kjemikalielister/Prioritetslisten/">http://www.environment.no/en/Tema/Kjemikalier/Kjemikalielister/Prioritetslisten/</a></i>

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