

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). In Sweden wind power is used in all manufacturing plants, guarantee of origin is available.

Manufacturing country	Data source	Amount	Unit
Sweden	GaBi model by IVL, data for electricity for the energy sources based on Gabi/Sphera database 2021.1 and the mix based on statistics ENTSO-E 2016	0,006876	CO ₂ -eqv/kWh
Sweden	Sweden national grid mix	0,04176	CO ₂ -eqv/kWh

By actively choosing renewable electricity emissions are kept to a minimum. Emissions per declared unit using wind power is 0,0049 kg CO₂-eqv compared to 0,0295 kg CO₂-eqv if Swedish national grid mix where used.

Dangerous substances



The product contains no substances given by the REACH Candidate list or the Norwegian priority list

Indoor environment

The product has not been tested for emissions to indoor climate, but the product is not likely to cause an emissions to the indoor environment.

Bibliography

ISO 14025:2010	Environmental labels and declarations - Type III environmental declarations - Principles and procedures
ISO 14044:2006	Environmental management - Life cycle assessment - Requirements and guidelines
EN 15804:2012+A2:2019	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
EN 1506	Ventilation for buildings - Sheet metal air ducts and fittings with circular cross-section - Dimensions
EN 12237	Ventilation for buildings - Ductwork - Strength and leakage of circular sheet metal ducts
PCR PART A	Construction products and services Ver 2
NPCR 030:2021	Part B for ventilation components
LCA report	Lindab EPD LCA report EN 15804-A2

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