Building product declaration

according to BPD associations' standardised format eBVD

2023-02-15 08:36:54

Lineo 2 - STB, STU

1. COMPANY INFORMATION

Lindab Sverige AB

Company name:	Organisation number:
Lindab Sverige AB	556247-2273
Address:	Contact person:
Dolkvägen 16	Matilda Isaksson
E-mail:	Telephone:
matilda.isaksson@lindab.com	+46 72 353 44 61
VAT number:	Website:
	www.lindab.com
GLN:	DUNS:
7300009-00795-0	

Company was last saved

2022-04-22 09:15:47

Company's certification

- [x] ISO 9001
- [x] ISO 14001

Other:

Policies and guidelines

- [x] The company has a code of conduct/policy/guidelines for dealing with social responsibility in the supplier chain, including produces for ensuring the requirements
- [ ] This is third-party audited

If yes, which if the following guidelines have you affiliated to or management system you have implemented

- [x] UN guiding principles for companies and human rights
- [x] ILO's eight core conventions
- [x] OECD Guidelines for Multinational Enterprises
- [x] UN Global Compact
- [ ] ISO 26000

Other policy guidelines

Management system

If you have a management system for corporate social responsibility, what out of the following is included in the work?

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- [x] Mapping
- [x] Risk analysis
- [x] Action plan
- [x] Monitoring

Sustainability reporting guidelines:

GRI (Global Reporting Initiative), GHG (Green House Gas Protocol)

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2. ARTICLE INFORMATION

Document data

Id:

A-7300009-00795-0-145

Version:

2

Created:

2023-02-15 08:31:09

Last saved:

2023-02-15 08:36:54

Changes relates to:

GTIN update.

Lineo 2 - STB, STU

Article name:

Lineo 2 - STB, STU

Article No/ID concept

Article identity: GTIN

7319666464785, 7319666464792

Product group/Product group classification

Product group system	Product group id
BK04	21004
BSAB96	QM

Article description:

Rectangular plenum box for supply air for linear diffuser, MTL. The plenum box ensures even distribution over the linear diffuser.
Equipped with a damper and an orifice plate to ensure individual regulation, and is supplied with acoustic insulation.
Assessments at Byggvarubedömningen etc. are registered under the name "Lineo 2". It is also possible to use the article name as search criteria.

Declarations of performance:

Not applicable

Declaration of performance number:

Other information:

References

Reference
Widman J "Stålet och miljön". Stålbyggnadsinstitutet-Jernkontoret, Stockholm (2001)
Carbon Footprint study for Lindab produkts performmed by WSP 2010
The International Aluminium Institute (IAI), Sustainability, http://www.world-aluminium.org, 2017-02
The International Stainless Steel Forum (ISSF), http://www.worldstainless.org/, 2017-02
Jernkontoret, Hälsoaspekter, http://www.jernkontoret.se/, 2017-02

3. CHEMICAL CONTENT

The data provider is solely responsible for data on articles/products that have been registered in the database. The data provider and the Swedish Association of Construction Product Industries cannot be held responsible for correct information incorrectly entered into the database.

Chemical content

Does the declaration apply to a product or chemical product?

product

Enter chemical content for the whole article. The concentration is calculated at component level according to the principle of “once an article always an article”.

Is there a safety data sheet for the article?

Not applicable

Is there classification of the article?

Not applicable

If yes, indicate the classification of the product under Regulation (EC) No

Enter which version of the candidate list has been used (Year, month, day)

The article is covered by the RoHS Directive:

No

Enter the weight of the article:

Enter how large a proportion of the material content has been declared [%]:

100

If 100% material content is not declared, please state the reason

If the article contains nanomaterials deliberately added to obtain a particular function, enter these here:

The product does not contain deliberately added nanomaterial

Has the presence of nanomaterials deliberately added to notifiable chemical products been reported to the Product Register

Enter the proportion of volatile organic substances [g/litre], applies only to sealants, paints, varnishes and adhesives:

Article and/or sub-components

Phase	Delivery
Component	Aluminium parts and rivets
Weight% of product	=2.7

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Aluminium	=100	Alu 6061	☐	☐

Component	Body, measuring/pressure plate
Weight% of product	=92.14

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Galvanized steel	=100	EN 10346:2015	☐	☐

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Component	Cylinder	**Weight% of product**	=0.1

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	POM	=100	9002-81-7	☐	☐

Component	Glue	**Weight% of product**	=0.1

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Oxydipropyldi benzoate	=100	27138-31-4	☐	☐

Component	Insulation	**Weight% of product**	=2.14

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Airfelt TK		=100		☐	☐
Airfelt TK	Polyethylene Terephthalate	=100	25038-59-9	☐	☐

Component	Nylon parts	**Weight% of product**	=0.7

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	PA66	=100	32131-17-2	☐	☐

Component	Plastic hoses	**Weight% of product**	=1.4

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	PVC	=100	9002-86-2	☐	☐

Component	Safe sealing strip	**Weight% of product**	=0.28

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Rubber		=100		☐	☐
Rubber	EPDM	=80	25034-71-3	☐	☐
Rubber	Parafin oil	=20	8012-95-1	☐	☐
		Comment: Health test performed without remarks.			

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Component	Self tapping screw	Weight% of product	=0.04

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Steel	=100	CK15 / 1.1141	☐	☐

Component	Spring	Weight% of product	=0.13

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Stainless steel	=100	AISI 301 / 1.4310	☐	☐
		Comment: Homogeneous material emits no harmful substances in normal use. Stainless steel contains Nickel but elicits generally not a nickel allergy. This is because the Nickel is not emitted because it is so hard bounded in the steel.			

Other information:

4. RAW MATERIALS

Is there supporting documentation for the raw materials for third-party certified system for control of origin, raw material extraction, manufacturing or recycling processes or similar (for example BES 6001:2008, EMS certificate, USGBC Program)? If yes, enter system(s):

No

Raw materials

Component	Material	Transport type
	Steel	Ship

Country of raw material extraction

Sweden

City of raw material extraction

-

Country of manufacture/production

City of manufacture/production

Comment

The steel raw material is produced at different smelting plants, mainly in the EU, according to the detailed specification of the current standard.
The sheet dimensions are then adjusted at the production unit in Grevie.

Total recycled material in the article

☑ Is recycled material included in the article?

Material

Aluminium

Share of waste (from own production)

61

Share of waste (from other people's production)

0

Recycled material (treated)

39

Recycled material

0

Weight/percent by weight

57,9 %

Comment

The amount of recycled aluminium varies depending on availability. Hence it can vary between 0 and 100%. All collected aluminium are being reused.

Material

Stainless steel

Share of waste (from own production)

25,3

Share of waste (from other people's production)

0

Recycled material (treated)

74,7

Recycled material

0

Weight/percent by weight

75 %

Comment

About 75% recycled material are being used in the production of stainless steel.

Material

Steel

Share of waste (from own production)

0

Share of waste (from other people's production)

0

Recycled material (treated)

100

Recycled material

0

Weight/percent by weight

20 %

Comment

About 20% recycled material are being used in the production of steel.

Renewable material

Enter proportion of renewable material in the article

0

☐ Included biobased raw material is tested according to ASTM test method D6866:

Origin of raw material

For this product, there has been no withdrawal of virgin fossil material

No

If yes, please indicate what percentage of the material in question (or item?)

Wood raw materials

☐ Wood raw materials are included

☐ Included wood raw material is certified

How large a proportion is certified [%]?

What certification system has been used (for example FSC, CSA, SFI with CoC, PEFC)?

Reference number:

Enter logging country for the wood raw material and that following criteria have been met. Country of logging:

☐ Does not contain type of wood or origin in CITES appendix of endangered species

Which version of CITES has been used for the check?

☐ The timber has been logged legally and there is certification for this

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5. ENVIRONMENTAL IMPACT

Environmental impact during life cycle of the article, production phase module A1-A3 under EN

☐ Has environmental product declaration been drawn up according to EN 15804 or ISO 14025 for the article?

These product-specific rules, known as PCR, have been applied:

Registration number / ID number for EPD:

If there is environmental product declaration or other life cycle assessment, describe how the environmental impact of the article is taken into account from a life cycle perspective:

The information refer to "gate to gate", inflows (raw materials, inputs, energy, etc.) for the registered product into the manufacturing unit, and outflows (emissions and waste) from it and relates to unit of product 1 kg.

Country of final manufature: Denmark or Czech Republic.
Energy used in the manufacture of the product: electricity 0,58 kWh per produced kilo.

Transport: <99% truck, deliveries to the customer/branch, <1% electric forklift.
Climate impact from internal tranports: CO2 0,0025 kg, CH4 <0,0001 kg and N20 <0,0001 kg.

Emissions to air, water or soil from the manufacture of the product, climate impact from operations: carbon dioxide equivalents (CO2-e) ≈ 1,5 kg per kilo product (Not included in Lindab carbon footprint study).
The production itself causes no emissions to air, water or land.

Residual products from the manufacture of the product: <30% steel scrap, 100% is recycled, waste code 17 04 05. <18% aluminium scrap, 100% is recycled, waste code 17 04 02. All waste is taken care of by a carrier with the necessary permits. No waste is exported.

For information about raw materials, distribution, waste etc., see the other sections.

6. DISTRIBUTION

Distribution of finished article

Does the supplier apply any system with multiple-use packaging for the article?

No

Does the supplier take back packaging for the article?

No

Is the supplier affiliated to a system for product responsibility for packaging?

Yes

If yes, which packaging and which system?

Förpacknings & Tidningsinsamlingen

Can packaging/packaging be reused?

Not applicable

Can packaging/packaging be recycled?

Not applicable

Can packaging/packaging be energy recycled?

Not applicable

Does the supplier use Retursystem Byggpall?

Yes

Other information:

If possible products are packed together. The packaging materials include wood, cardboard, and plastic wrap. Wooden pallets are being reused.
All packaging consists of recyclable material, the cardboard Lindab uses for packaging consist of 97,5% recycled material.
Shipments of manufactured goods are mainly transported by truck to the customer/branch. The average transporting distance is <500 km.

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7. CONSTRUCTION PHASE

Construction phase

Does the article make special requirements in storage?

Yes

Specify

To prevent soiling and oxidation, the product should be stored protected from the weather.
See Lindab's product catalogue for more information.

Does the article make special requirements for surrounding building products?

No

Specify

Other information:

8. USE PHASE

Use phase

Does the article make requirements for input materials for operation and maintenance?

No

Specify:

Does the article require supply of energy during operation?

No

Specify:

Estimated technical service life for the article:

>50 years

Comment:

Lifetime depends on the environment where the product is being used. Corrosive environments can affect the life of the product negatively.
There is a special instruction for the care of this product, see Lindab´s product catalogue for more information.
The product can be adapted to work with new tech.

Is there energy labelling under the Energy Labelling Directive (2010/30/EU) for the article?

Not applicable

If yes, enter labelling (G to A, A+, A++, A+++):

If yes, enter marking (G to A)

Other information:

9. DEMOLITION

Demolition

Is the article prepared for disassembly (dismantling)?

Yes

Can the product be separated into pure material types for recycling?

Not applicable

Specify:

The parts can easily be separated.

Does the article require special measures for protection of health and environment in demolition/disassembly?

No

Specify:

Other information:

10. WASTE MANAGEMENT

Delivered article

Is the supplied article covered by the Ordinance (2014:1075) on producer responsibility for electrical and electronic products when it becomes waste?

No

Is reuse possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

The entire product can be reused.

Is material recovery possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

~99% of the material can be recycled.

Is energy recovery possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

Heat recovery occurs at smelter.

Does the supplier have restrictions and recommendation for re-use, material or energy recovery or landfilling?

Yes

Specify:

Should be recycled according to recommended waste code.

Waste code for the delivered article when it becomes waste
170203 - 03 Plast.
170402 - 02 Aluminium.

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170405 - 05 Järn och stål.

When the supplied article becomes waste, is it classified as hazardous waste?

No

Mounted article

Is the mounted article classified as hazardous waste?

No

Other information

11. INDOOR ENVIRONMENT

Indoor environment

- [ ] The article is not intended for indoor use
- [x] The article does not emit any substances
- [ ] Emissions from the article not measured

Does the article have a critical moisture state?

No

If yes, state what:

Noise

Can the article give rise to own noise?

No

Value:

Unit:

Measuring method:

Electrical field

Can the article give rise to electrical fields?

No

Value:

Unit:

Measuring method:

Magnetic fields

Can the article give rise to magnetic fields?

No

Value:

Unit:

Measuring method:

Paints and varnishes

- [ ] The article is resistant to fungi and algae in use in wet areas

Emissions

The article produces the following emissions in intended use:

Other information

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