

1. COMPANY INFORMATION

Lindab Sverige AB

Company name:

Lindab Sverige AB

Organisation number:

556247-2273

Address:

Dolkvägen 16

Contact person:

Kundtjänst

E-mail:

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Telephone:

+46 10 14 64 100

VAT number:

Website:

www.lindab.com

GLN:

7300009-00795-0

DUNS:

Company was last saved

2024-08-30 05:56:46

Company's certification

 ISO 9001 ISO 14001

Other:

Policies and guidelines

 The company has a code of conduct/policy/guidelines for dealing with social responsibility in the supplier chain, including procedures 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

 UN guiding principles for companies and human rights ILO's eight core conventions OECD Guidelines for Multinational Enterprises 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?

- Mapping
- Risk analysis
- Action plan
- Monitoring

Sustainability reporting guidelines:

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

2. ARTICLE INFORMATION

Document data

Id:

A-7300009-00795-0-317

Version:

2

Created:

2024-10-25 12:52:33

Last saved:

2024-10-25 12:54:35

Changes relates to:

Active Chilled Beam 5 - Plafond XD

Article name:

Active Chilled Beam 5 - Plafond XD

Article No/ID concept

Article identity: GTIN

7319662295642, 7319662432115

Product group/Product group classification

Product group system	Product group id
BK04	21004
BSAB96	QM

Article description:

Lindab's new Plafond XD is basically an exposed design active chilled beam solution for ventilation, cooling and heating which helps you to create a perfect indoor climate in rooms without suspended ceilings.

Lindab's active beams are based on the induction principle. Ventilation air is released through a gap into a diverging zone, thereby creating a low static pressure. This low pressure results in the warm room air being drawn to the ventilation air through the batteries. The quantity of the warm room air is 4-5 times greater than the ventilation air. Lindab's active chilled beams are Eurovent certified.

Assessments at Byggvarubedömningen etc. are registered under the name "Aktiva tilluftsbaflar 5". It is also possible to use the article name as search criteria.

Declarations of performance:

Not applicable

Declaration of performance number:

Other information:

3. CHEMICAL CONTENT

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)

2024-06-27

The article is covered by the RoHS Directive:

Enter the weight of the article:

No

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:

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

No

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	Back Plate	Weight% of product	=11.57

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Color Coating		<2		
Steel		>98		
Steel	DX51D+Z275 MA C/EN10142	=100	DX51D+Z275 MA C/EN10142	

Component	Battery	Weight% of product	=22.87
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Comment

No electronics

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Battery Body		=98.66		
Battery Body	Aluminum	=60.91	EN AW 8006	
Battery Body	Copper	=39.09	7440-50-8	
Battery Plate		=1.34		
Battery Plate	Aluminum	=100	Aluminum 1050	

Component	Battery Brackets	Weight% of product	=0.22
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Steel		=100		
Steel	DX51D+Z275 MA C/EN10142	=100	DX51D+Z275 MA C/EN10142	

Component	Battery List	Weight% of product	=2.42
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Color Coating		<2		
Steel		>98		
Steel	DX51D+Z275 MA C/EN10142	=100	DX51D+Z275 MA C/EN10142	

Component	Blind Rivets	Weight% of product	=0.03
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Aluminium		=100		
Aluminium	Alu 6060 EN AW 6060	=100	Alu 6060 EN AW 6060	

Component	Body Front	Weight% of product	=11.35
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Color Coating		<2		
Steel		>98		
Steel	DX51D+Z100 MB EN 10346:2015	=100	DX51D+Z100 MB EN 10346:2015	

Component	Cover	Weight% of product	=32.84
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Blind Rivets		=0.02		
Blind Rivets	Aluminum	=100	Alu 6060	
Front Plate		=85.21		
Front Plate		Comment: EPD is available for material. Material meets BASTA 34.1 criteria.		
Front Plate	Color Coating	<2	Proprietary	
Front Plate	Steel	>98	DX51D+Z100 MB EN 10346:2015	
Gables, Cover Suspension		=14.63		

Gables, Cover Suspension	Steel	=100	DX51D+Z100 MB EN 10346:2015
Screws		=0.14	
Screws	Steel	=100	AISI C1018 or AISI C1022

Component	Gable Parts, Battery Suspensions,	Weight% of product	=0.93
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Steel		=100		
Steel	DX51D+Z100 MB EN 10346:2015	=100	DX51D+Z100 MB EN 10346:2015	

Component	Holder for Regulator Assembly	Weight% of product	=0.07
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Holder for Regulator		=83.33		
Holder for Regulator	Steel	=100	DX51D+Z100 MB EN 10346:2015	
Screws		=16.67		
Screws	Steel	=100	AISI/SAE 104 / C45 / 1.1191 / ČSN 12 050	
Comment: Steel				

Component	Jet Cones Beam Assembly	Weight% of product	=2.57
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Handle for Regulating Beam		=5.51		
Handle for Regulating Beam	Aluminium	=100	Aluminum-2011 EN AW 2011	
Nozzle beam		=86.06		
Nozzle beam	Steel	=100	DX51D+Z100 MB EN 10346:2015	
Regulating PIN PC Plastic		=8.42		
Comment: Regulating PIN meets BASTA 34.1 criteria.				

Component	Measuring Tube	Weight% of product	=0.02
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Plastic		=100		

Component	Perforated Plate	Weight% of product	=10.12
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Comment EPD is available for material. Material meets BASTA 34.1 criteria.

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Color Coating		<2		
Steel		>98		
Steel	DX51D+Z275 MA C/EN10142	=100	DX51D+Z275 MA C/EN10142	

Component	Plug		Weight% of product	=0.0004
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Plastic		=100		

Component	Safe Cleaning Cover Uninsulated ESHU		Weight% of product	=1.13
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Outer cover, handle and lock		=97.3		
Outer cover, handle and lock	Galvanized steel	=100	EN 10346	
Safe sealing strip (rubber)		=1		
Safe sealing strip (rubber) EPDM		80<=x<=84	Proprietary	
Safe sealing strip (rubber) Paraffin oil		15<=x<=20	8012-95-1	
				Comment: Health test performed without remarks
Steel band		=1.7		
Steel band	Steel	=100	DX51A AZ150 EN 10346	

Component	Safe Fitting NPU		Weight% of product	=1.5
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Outer cover		=96		
Outer cover	Galvanized steel	=100	EN 10346	
Safe sealing strip (rubber)		=2.4		
Safe sealing strip (rubber) EPDM		80<=x<=85	Proprietary	
Safe sealing strip (rubber) Paraffin oil		15<=x<=20	8012-95-1	
				Comment: Health test performed without remarks
Steel band		=1.6		
Steel band	Steel	=100	DX51A AZ150 EN 10346	

Component	Screws		Weight% of product	=0.09
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Steel		=100		
Steel	AISI/SAE 104 / C45 / 1.1191 / ČSN 12 050	=100	AISI/SAE 104 / C45 / 1.1191 / ČSN 12 050	

Component	Sealant	Weight% of product	=0.02	
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Foam		=100		
Foam	PVC	=100	9002-86-2	
Comment: Lead-free				

Component	Sleeve for Nozzle Control	Weight% of product	=0.03	
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Steel		=100		
Steel	DX51D+Z275 MA C/EN10142	=100	DX51D+Z275 MA C/EN10142	

Component	Spring Wire	Weight% of product	=0.01	
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Steel		=100		
Steel	EN 10270-1-SH	=100	EN 10270-1-SH	

Component	Suspension	Weight% of product	=2.24	
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Screws		=0.63		
Screws	AISI/SAE 104 / C45 / 1.1191 / ČSN 12 050	=100	AISI/SAE 104 / C45 / 1.1191 / ČSN 12 050	
Suspension Brackets		=99.37		
Suspension Brackets	DX51D+Z100 MB EN 10346:2015	=100	DX51D+Z100 MB EN 10346:2015	

Other information:

The declaration is made based on PLA-FC-12-1x125-A1L- 0800-2.0-100-20-P5 + PLA-Cover Alea-2400-DOX-9003, 2,4m beam (2,0m body with a 2,4m cover).

Standard finish: Colour coated - Axalta RAL9003.

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):

Raw materials

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

58 %

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

Copper

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

97 %

Comment

The European copper production is normally based on ~97% recycled material.

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

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 manufacture: Sweden

Energy used in the manufacturing process of the product is electricity from renewable sources.

Transport: <99% truck, deliveries to the customer/branch, <1% electric forklift.

Climate impact from internal transports: CO2 0,0025 kg, CH4 <0,0001 kg and N2O <0,0001 kg.

Emissions to air, water or soil from the manufacture of the product, climate impact from operations: carbon dioxide equivalents (CO2-e) ≈ 3,75 kg per kilo product (includes energy/waste/scrap/travels)

The production itself causes no emissions to air, water or land.

Residual products from the manufacture of the product: <8% steel scrap, 100% is recycled, waste code 17 04 05. <5% aluminium scrap, 100% is recycled, waste code 17 04 02. <5% copper scrap, 100% is recycled, waste code 17 04 01. 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?

Näringslivets Producentansvar

Can packaging/packaging be reused?

Yes

Can packaging/packaging be recycled?

Yes

Can packaging/packaging be energy recycled?

Yes

Does the supplier use Retursystem Byggpall?

No

Other information:

If possible products are packed together.

All packaging consists of recyclable material.

Shipments of manufactured goods are mainly transported by truck to the customer/branch

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.
Should be stored in a dry environment 10-30 °C.
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:

15-20 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 technology.

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?

Yes

Specify:

The parts can easily be separated: steel; aluminum; electronics; rubber and plastic

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

Yes

Specify:

Appropriate protective equipment should be used to minimize risk of injury and discomfort.

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?

Yes

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

1602 - 02 Avfall från elektrisk och elektronisk utrustning:

170401 - 01 Koppar, brons, mässing.

170402 - 02 Aluminium.

170405 - 05 Järn och stål.

191204 - 04 Plast och gummi.

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

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