

1. COMPANY INFORMATION

Lindab Sverige AB Filial

Company name:

Lindab Sverige AB Filial

Organisation number:

556247-2273

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Dolkvägen 16

Contact person:

Kundtjänst

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VAT number:

Website:

www.lindab.com

GLN:

7300009-00795-0

DUNS:

Company was last saved

2025-02-10 10:43:06

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-7300009-00795-0-283

Version:

4

Created:

2025-01-27 12:58:05

Last saved:

2025-02-26 12:33:03

Changes relates to:

Update of section 3

Passive Radiant Chilled Beam 1 - Carat

Article name:

Passive Radiant Chilled Beam 1 - Carat

Article No/ID concept

Article identity: GTIN

7319666460008

Product group/Product group classification

Product group system	Product group id
BK04	21004
BSAB96	QM

Article description:

Carat is placed above a perforated suspended ceiling and supplies cooling, with a low air velocity, to the room below. Carat has a high radiation quotient of approx. 35% (compared to approx. 5% for traditional finned products). This gives great freedom in placing, when installing Carat, yet keeps air velocities low. Carat can be used for cooling. It can be equipped with the Regula Connect condensation guard feature. It offers many possibilities and great flexibility. For example, it is possible to paint Carat any colour you want. Assessments at Byggarubedömningen etc. are registered under the name "Egenkonvektionsbaffel 1". It is also possible to use the article name (Carat) as search criteria.

Declarations of performance:

Not applicable

Declaration of performance number:

Other information:

Annexes

Annex

SDS_RAL9003_https://acrobat.adobe.com/id/urn:aaid:sc:EU:c42ffb0d-d902-4808-ac87-6aca2493580a?viewer%21megaVerb=group-discover

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)

2025-01-27

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:

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

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		
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Component	Pipes	Weight% of product	=3.76
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Metal		=100		
Metal	Copper	=100 Comment: Solid	7440-50-8	

Component	Rivets, rod	Weight% of product	=2.68
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
	Aluminium	=100	Alu 6061	

Component	Screws	Weight% of product	=0.13
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
	Steel	=100	CK15 / 1.1141	

Component	Strips	Weight% of product	=93.43
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Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Aluminium		=59.93		
Aluminium	Aluminium	=100	Alu 6061	
Copper		=28.6		
Copper	Copper	=99.9	7440-50-8	
Copper	Phosphorus	0.015<x<0.04	7723-14-0	
Powder Paint		=11.47		
Powder Paint	Barium Sulphate	10<x<25	7727-43-7	
Powder Paint	Epoxy Resin	25<x<50	25036-25-3	
Powder Paint	Iron Oxide	1<x<=2.5	1309-37-1	
Powder Paint	Titanium Dioxide	25<x<50	13463-67-7	

Comment: H351 only applies to mixtures placed on the market in powder form containing 1% or more of titanium dioxide particles with a diameter ≤ 10 µm that are not bound in a matrix.

CAS	H-phrased	Exposure
7723-14-0	H412 - Aquatic Chronic 3	

Other information:

Carat is a configurable product. Carat 84-10-1 3.0 m ASST. P025294I was used as a representative product in this declaration.
Standard finish: Powder paint coated RAL 9003.

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

Total recycled material in the article

Is recycled material included in the article?

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:

CEN Standard EN15804:2012+A2:2019

NEPD-3535-2124-EN

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:

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. The packaging materials include wood, cardboard, and plastic wrap. 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. 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 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.

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?

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

170401 - 01 Koppar, brons, mässing.

170402 - 02 Aluminium.

170405 - 05 Järn och stål.

170407 - 07 Blandade metaller.

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

Electrical field

Magnetic fields

Can the article give rise to own noise?

Can the article give rise to electrical fields?

Can the article give rise to magnetic fields?

No

No

No

Value:

Value:

Value:

Unit:

Unit:

Unit:

Measuring method:

Measuring method:

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