



Luftbehandling med LCC i fokus

# Building product declaration

according to BPD associations' standardised format eBVD

Envistar Flex (exkl styr och regler)

## 1. COMPANY INFORMATION

### IV Produkt AB

Company name:

IV Produkt AB

Organisation number:

556129-1559

Address:

Box 3103

Contact person:

Linus Tubelius

E-mail:

linus.tubelius@ivprodukt.se

Telephone:

0470758989

VAT number:

Website:

GLN:

DUNS:

Company was last saved

2024-05-15 09:55:54

### 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 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

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:

NFRD

## 2. ARTICLE INFORMATION

### Document data

Id:

C-SE556129155901-1

Version:

5

Created:

2022-10-20 12:10:52

Last saved:

2024-05-15 11:02:46

Changes relates to:

### Envistar Flex (exkl styr och regler)

Article name:

Envistar Flex (exkl styr och regler)

### Article No/ID concept

Article identity: VAT-NAME

SE556129155901-Flex

### Product group/Product group classification

Product group system	Product group id
BK04	21003

Article description:

Air handling units

Declarations of performance:

Yes

Declaration of performance number:

order-unique DU document

Other information:

CE marking

## 3. CHEMICAL CONTENT

### Chemical content

Does the declaration apply to a product or chemical 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)

2024-01-23

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:

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		
<b>Component</b>	ALC-sheet	<b>Weight% of product</b>	=59.73

**Comment** included as standard material in our hatches

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
	Aluminum	=1.97	7429-90-5	
	Steel	=56.2	68467-81-2	
	Zink	=1.56	7440-66-6	

<b>Component</b>	Insulation	<b>Weight% of product</b>	
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**Comment**

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Glass Wool		=4.59		
Comment: Standard insulation in the unit housing				

<b>Component</b>	Metals	<b>Weight% of product</b>	=32.5
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**Comment** Metals that are part of other components in the assembly apart from ALC sheet. E.g. coils, fans, dampers, silencer

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
	Aluminum	=18.68	7429-90-5	
		Comment: Alloy No. 6060		
	Copper	=1.4	7440-50-8	
	Steel	=12.36	68467-81-2	
Comment: Steel No. DX51D, 0.18% C, 0.5% Si, 1.2% Mn, 0.12% P, 0.045% S, 0.3%, 0.05 Ti				

Zink

=0.06

7440-66-6

<b>Component</b>	Miscellaneous	<b>Weight% of product</b>	=0.06
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**Comment**

<b>Component</b>	Polymeric materials	<b>Weight% of product</b>	=3.12
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**Comment** This group includes substances in, for example, rotor glue and gaskets and moldings

<b>Material</b>	<b>Substance</b>	<b>Concentration interval (%)</b>	<b>EG/CAS/Alternative designation</b>	<b>Other substance properties</b>
	Polyamide	=2.58	25038-54-4	
	Polypropylene	=0.52	9003-07-0	
	Polyurethane	=0.02	64060-31-7	

<b>Phase</b>	Mounted
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<b>Component</b>	ALC-sheet	<b>Weight% of product</b>	=59.73
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**Comment** included as standard material in our hatches

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**Comment**

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Comment: Standard insulation in the unit housing				

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Other information:

Euroventcertifierad

## 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

<input checked="" type="checkbox"/>	Is recycled material included in the article?
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<b>Material</b>	
ALC-plåt	
<b>Share of waste (from own production)</b>	<b>Share of waste (from other people's production)</b>
0	
<b>Recycled material (treated)</b>	<b>Recycled material</b>
20	
<b>Weight/percent by weight</b>	
68,7 %	
<b>Comment</b>	
ca 20% av ingående material i ALC-plåten består av återvunnet material	

**Material**

Aluminiumfolie

**Share of waste (from own production)**

0

**Share of waste (from other people's production)****Recycled material (treated)**

50

**Recycled material****Weight/percent by weight**

7,3 %

**Comment**

ca 50% av ingående aluminiumfolie består av återvunnet material

**Material**

Aluminiumplåt

**Share of waste (from own production)**

0

**Share of waste (from other people's production)****Recycled material (treated)**

50

**Recycled material****Weight/percent by weight**

0,5 %

**Comment**

ca 50% av ingående aluminiumplåt består av återvunnet material

**Material**

Aluminiumprofiler

**Share of waste (from own production)**

0

**Share of waste (from other people's production)****Recycled material (treated)**

50

**Recycled material****Weight/percent by weight**

18 %

**Comment**

ca 50% av ingående aluminiumprofiler består av återvunnet material

**Renewable material**

Enter proportion of renewable material in the article

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

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 Products contribution to the total Energy savings during operation over its life time.



## 6. DISTRIBUTION

### Distribution of finished article

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

Yes

Does the supplier take back packaging for the article?

Yes

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

Not applicable

If yes, which packaging and which system?

All construction pallets are reused in some way. Either they are sent back to the supplier or we use them in our production or when we deliver our product

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?

Yes

Other information:

## 7. CONSTRUCTION PHASE

### Construction phase

Does the article make special requirements in storage?

No

Specify

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?

Yes

Specify:

Air filters to be replaced when they are out of its function and you should follow the recommendations from product supplier

Does the article require supply of energy during operation?

Yes

Specify:

Electrical voltage AC 230/400V

Estimated technical service life for the article:

15-25 years

Comment:

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:

The product is energy declared according to Eurovent's system

## 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 greater part of the constituent parts can be taken apart and sorted into the correct fractions. It is important that you follow the local laws and recomm

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 parts of unit and components in good condition can be reused if there is an area of use for this.

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

Yes

Specify:

Up to 90% of the unit can be recycled

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

Yes

Specify:

The polymeric materials in the units can be energy recycled

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

Yes

Specify:

The polymeric materials in the units can be energy recycled

### Waste code for the delivered article when it becomes waste

17 - Bygg- och rivningsavfall (även uppgrävda massor från förorenade områden)

1709 - 09 Annat bygg- och rivningsavfall:

170904 - 04 Annat blandat bygg- och rivningsavfall än det som anges i 17 09 01–17 09 03.

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?

Not applicable

Value:

Unit:

Measuring method:

### Electrical field

Can the article give rise to electrical fields?

Not applicable

Value:

Unit:

Measuring method:

### Magnetic fields

Can the article give rise to magnetic fields?

Not applicable

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

The sound data is shown in the technical specification for each unique unit. For information on electric and magnetic fields, we refer to the EMC directive 2014/30/EU. The product is CE marked