

## 1. BASIC DATA

### Document data

Id:

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Changes relates to:

### Lindab panel (PIR)

Article name:

Lindab panel (PIR)

### Article No/ID concept

Article identity: GTIN

SIP-D, SIP-W

### Product group/Product group classification

Product group system	Product group id
BK04	01699
BK04	10005
BSAB96	GS
BSAB96	ML

Article description:

Sandwich panel with PIR (polyurethane). The products are available in other materials, BPD is received upon request. Assessment at Byggarbeteckningen etc. is registered under the name "Lindab panel, PIR". It is also possible to use the article name as search criteria.

Declarations of performance:

Not applicable

Declaration of performance number:

Other information:

### Lindab Sverige AB

Company name:

Lindab Sverige AB

Organisation number:

556247-2273

Address:

Järnvägsgatan 41

Contact person:

Matilda Isaksson

E-mail:

matilda.isaksson@lindab.com

Telephone:

+46 72 353 44 61

VAT number:

SE556247227301

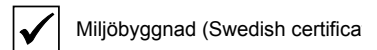
Website:

www.lindab.se

GLN:

DUNS:

## Environmental certification system



## References

### Reference

Widman J "Stålet och miljön". Stålbyggnadsinstitutet-Jernkontoret, Stockholm (2001)

Carbon Footprint study for Lindab produkts performed by WSP 2010

## Annexes

### Annex

[https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building\\_product\\_Declarations/Attachment/EPAQ-EPD\\_\(Panel\\_P](https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building_product_Declarations/Attachment/EPAQ-EPD_(Panel_P)

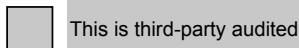
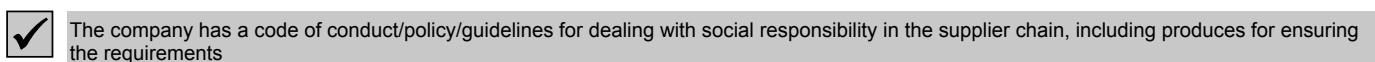
## 2. SUSTAINABILITY WORK

### Company's certification

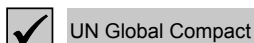
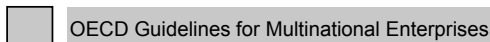
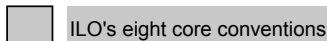
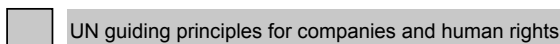


Other:

### Policies and guidelines



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



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?

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.

- Mapping
- Risk analysis
- Action plan
- Monitoring

Sustainability reporting guidelines:

GRI - Global Reporting Initiative

### 3. DECLARATION OF CONTENTS

#### Chemical content

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

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

For complex products, the concentration of included substances has been calculated at:

whole construction product

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

The product does not contain deliberately added nanomaterial

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

Is the article registered in Basta?

Yes

Other information:

#### Article and/or sub-components

Phase	Delivery
Component	Galvanized steel

Weight% of product

#### Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Steel	Steel	=81.8	EN 10346:2015	<input type="checkbox"/>	<input type="checkbox"/>

Component	Organic coating
Component	Organic coating

Weight% of product

#### Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Polyester	Polyester	<2	67892-73-3	<input type="checkbox"/>	<input type="checkbox"/>

Component	PIR	Weight% of product			
Comment					
Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
PIR	MDI	=7.9	9016-87-9	<input type="checkbox"/>	<input type="checkbox"/>
PIR	Others	=0.3	-	<input type="checkbox"/>	<input type="checkbox"/>
PIR	Pentane	=0.6	109-66-0	<input type="checkbox"/>	<input type="checkbox"/>
PIR	Polyol	=5.1	32472-85-8	<input type="checkbox"/>	<input type="checkbox"/>
PIR	TCCP	=2.3	13674-84-5	<input type="checkbox"/>	<input type="checkbox"/>

## 4. RAW MATERIALS

### Raw materials

#### Total recycled material in the article



Is recycled material included in the article?

#### Material

Steel

Proportion after the consumer stage	Proportion before the consumer stage	Weight/percent by weight
100	0	20 %

#### Comment

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

## Renewable material

Enter proportion of renewable material in the article (short cycle, less than 10 years):

Enter proportion of renewable material in the article (long cycle, more than 10 years):

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

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

## 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

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:

Double skin metal faced sandwich panels, 07-2013

Registration number / ID number for EPD:

EPD-EPQ-20130170-CBG1-EN

Climate impact (GWP100) [kg CO<sub>2</sub>-eq]:

74,2

Ozone depletion (ODP) [kg CFC 11-eq]:

5,95E-05

Acidification (AP) [kg SO<sub>2</sub>-eq]:

0,145

Ground-level ozone (POCP) [kg ethene-eq]:

0,0233

Eutrophication (EP) [kg (PO<sub>4</sub>)-3-eq]:

0,0202

Renewable energy [MJ]:

59,7

Non-renewable energy [MJ]:

1110,3

If calculation has been made in Green Guide, enter which rating:

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:

Country of final manufacture: EU.

For more information, see EPD under attachments.

## 6. DISTRIBUTION

### Distribution of finished article

Does the supplier use Retursystem Byggpall?

Yes

Does the supplier take back packaging for the article?

No

If yes, which packaging and which system?

Förpacknings & Tidningsinsamlingen

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.

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

No

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

Yes

## 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?

No

Specify:

Does the article require supply of energy during operation?

No

Specify:

Estimated technical service life for the article:

40-45 years

Comment:

Lifetime depends on the environment where the product is being used. Corrosive environments can affect the life of the product negatively. See Lindab's product catalogue for more information.

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

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

Not applicable

Other information:

## 9. DEMOLITION

### Demolition

Is the article prepared for disassembly (dismantling)?

Yes

Specify:

The PIR can be separated from the metal.

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 use of standard dimensions makes it easier to reuse the products.

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

Yes

Specify:

≤99 % of the product 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.

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

170203 - 03 Plast.

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
- The article does not produce any emissions
- 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