



# Construction Product Declaration 2015

according to the Association for Construction Product Declarations' standardised format  
eBVD2015

2019-03-05 15:10:43 Particle board P4

## 1. BASIC DATA

### Document data

ID:

C-SE556821674001-8

Version:

2

Created:

2019-03-05 14:59:23

Last saved:

2019-03-05 15:10:37

The change concerns:

Adjustment of contents

### Particle board P4

Product name:

Particle board P4

### Item no./ID concept

Item identity: E

A34

### Product group/Product group classification

Product group system	Product group page
BK04	01208
BSAB96	KEJ.2

Product description:

Load-bearing wallboard P4

Performance declarations:

Yes

Performance declaration number:

DoP P4.12

Other information:

### Byggelit Sverige AB

Company name:

Byggelit Sverige AB

Company registration number:

556821-6740

Address:

Östersundsvägen 59

Contact:

Kent Ögren

Email:

kent.ogren@byggelit.se

Telephone:

0642 44466

VAT number:

SE556821674001

GLN:

Website:

https://www.byggelit.se/sv-SE

DUNS:

### Environmental certification system

BREEAM

BREEAM-SE

LEED 2009

LEED version 4

Miljöbyggnad

## 2. SUSTAINABILITY WORK

### Company certification

ISO 9001

ISO 14001

Other:

Byggelit does not hold certification in environmental systems that require third-party inspection. With regard to the environment, Byggelit has a self-monitoring programme and an annual environmental report

### Policies and guidelines

The company has a code of conduct/policy/guidelines in order to address corporate social responsibility in the supply chain, including procedures to ensure compliance with the requirements

This has been reviewed by a third party

UN Guiding Principles on Business and Human Rights

The eight core conventions of the ILO

OECD Guidelines for Multinational Enterprises

UN Global Compact

ISO 26000

yes,

which of the following guidelines have you adhered to or management systems have you implemented

Other policies/guidelines

### Management system

If you have a corporate social responsibility management system, which of the following is included in your work?

Mapping

Risk analysis

Action plan

Monitoring

Sustainability reporting guidelines:

## 3. DECLARATION OF CONTENTS

### Chemical content

Indicate the chemical content for the product as a whole. In Sweden, the concentration must be calculated at component level according to the "once a product, always a product" principle.

Is there a safety data sheet for the product?

Is there a classification of the product?

N/A

N/A

Indicate the Candidate List edition used (Year, month, has been calculated on:

For composite products, the concentration of constituent substances, day):

2019-02-18

the entire construction product

The product is covered by the RoHS Directive:

Indicate the weight of the product:

No

680 kg/m3

Indicate the percentage of the material content declared [%]:

100

If the product contains nanomaterials that are deliberately added in order to achieve a certain function, indicate these below:

Is the product registered in Basta?

No

Other information:

### Product and/or subcomponents

Phase	Component	Material	Substance
Delivery	Particle board		
<b>Concentration range</b>	<b>EC</b>	<b>CAS</b>	<b>Alternative designation</b>
=100			
<b>Comment</b>	<input type="checkbox"/> Substance on the Candidate List	<input type="checkbox"/>	Substance with phase-out properties
<b>Hazard statements</b>			
<b>Exposure routes/organs</b>			
Phase	Component	Material	Substance
Delivery/built-in	Particle board		Binder
<b>Concentration range</b>	<b>EC</b>	<b>CAS</b>	<b>Alternative designation</b>
=12			UF Resin
<b>Comment</b>	<input type="checkbox"/> Substance on the Candidate List	<input type="checkbox"/>	Substance with phase-out properties
UF Resin			
<b>Hazard statements</b>			
<b>Exposure routes/organs</b>			

Indicate the percentage of volatile organic compounds [g/litre], applies only to sealants, paints, varnishes and adhesives:

Phase	Component	Material	Substance
Delivery/built-in	Particle board		Curing agent
<b>Concentration range</b>	<b>EG</b>	<b>CAS</b>	<b>Alternative designation</b>
=0.2	<input type="checkbox"/>	12125-02-9	
<b>Comment</b>	<input type="checkbox"/>	<input type="checkbox"/>	Urea
Candidate List Ammonium chloride	Substance on the	Substance with phase-out properties	=0.33 57-13-6

**Hazard statements**

H302 - Acute Tox. 4, H319 - Eye Irrit. 2

**Exposure routes/organs**

Phase	Component	Material	Substance
Delivery/built-in	Particle board	<b>Comment</b>	<input type="checkbox"/>
			Substance on the Candidate
<b>Concentration range</b>	<b>EG</b>	<b>CAS</b>	<b>Alternative designation</b>
List <input type="checkbox"/>		Substance with phase-out properties	

**Hazard statements**

**Exposure routes/organs**

Phase	Component	Material	Substance
Delivery/built-in	Particle board	Water	
<b>Concentration range</b>	<b>EG</b>	<b>CAS</b>	<b>Alternative designation</b>
=6.9	<input type="checkbox"/>		Water
<b>Comment</b>	<input type="checkbox"/>	<input type="checkbox"/>	
	Substance on the Candidate List	Substance with phase-out properties	
			<b>Hazard statements</b>

### Exposure routes/organs

Phase	Component	Material	Substance
Delivery/built-in	Particle board		Wood raw material
Concentration range	EC	CAS	Alternative designation
=80			
Comment	<input type="checkbox"/> Substance on the Candidate List	<input type="checkbox"/>	Substance with phase-out properties

### Hazard statements

### Exposure routes/organs

Phase	Component	Material	Substance
Delivery/built-in	Particle board		Wax
Concentration range	EC	CAS	Alternative designation
=0.57			
Comment	<input type="checkbox"/> Substance on the Candidate List	<input type="checkbox"/>	Substance with phase-out properties

### Hazard statements

### Exposure routes/organs

Phase	Component	Material	Substance
Delivery/built-in	Particle board	Wax	Disodium tetraborate decahydrate
Concentration range	EC	CAS	Alternative designation
<0.2		1303-96-4	
Comment	<input type="checkbox"/> Substance on the Candidate List	<input type="checkbox"/>	Substance with phase-out properties

### Hazard statements

H319 - Eye Irrit. 2, H360FD - Repr. 1B

### Exposure routes/organs

## 4. RAW MATERIALS

### Raw materials

<b>Component</b>	<b>Material</b>	<b>Transport type</b>
Wood raw material	Sawdust	Vehicle
<b>Country of raw material extraction</b>		<b>City of raw material extraction</b>
Sweden		Jämtland
<b>Country of manufacture/production</b>		<b>City of manufacture/production</b>
Sweden		Lit/Jämtland
<b>Comment</b>		
Residual product from nearby sawmill		
<hr/>		
<b>Component</b>	<b>Material</b>	<b>Transport type</b>
Wood raw material	Dry wood chips	Vehicle
<b>Country of raw material extraction</b>		<b>City of raw material extraction</b>
Sweden		Jämtland
<b>Country of manufacture/production</b>		<b>City of manufacture/production</b>
Sweden		Lit/Jämtland
<b>Comment</b>		
Residual product from nearby sawmill		
<hr/>		
<b>Component</b>	<b>Material</b>	<b>Transport type</b>
Wood raw material	Roundwood	Vehicle
<b>Country of raw material extraction</b>		<b>City of raw material extraction</b>
Sweden		Jämtland
<b>Country of manufacture/production</b>		<b>City of manufacture/production</b>
Sweden		Lit/Jämtland
<b>Comment</b>		
Timber from Jämtland forests		

### Total recycled material in product



Does the product contain recycled material?

**Material**

Wood raw material

**Weight/percentage by weight**

67.5%

**Percentage after consumer stage**

0

**Comment**

**Percentage before consumer stage**

The input materials sawdust and dry wood chips are 100 residual products

from the sawmill industry

**Renewable material**

Indicate the percentage of renewable material in the product (short cycle, less than 10 years):

[Redacted]

The biobased material included is a raw material tested according to ASTM test method

Indicate the percentage of renewable material in the product (long cycle, more than 10 years):

80

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

FSC

**Wood raw materials**

Wood raw materials included

Input wood raw material is certified

What percentage is certified [%]?

90

Which certification system has been used (e.g. FSC, CSA, SFI with CoC, PEFC)?

FSC Mix 90%; FSC Controlled wood

Reference number:

FSC-C114587

Indicate the country of harvest for the wood raw material, and that the criteria below have been met. Country of harvesting

Sweden

Does not include wood type or origin in the CITES appendix of endangered species

The timber has been harvested legally and certified

## 5. ENVIRONMENTAL IMPACT

### Environmental impact during the life cycle of the product, production stage modules A1-A3 according to EN 15804

Has an environmental product declaration been produced for the product according to EN15804 or ISO14025?

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

Registration number / ID number for EPD:

Global warming potential (GWP100) [kg CO<sub>2</sub>-eq]:

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

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

Photochemical ozone creation potential (POCP)

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

Renewable energy [MJ]:

2998

Non-renewable energy [MJ]:

118

If a calculation has been made in the Green Guide, indicate the rating:

If no environmental product declaration or other life cycle analysis is available, describe how the environmental impact of the product is taken into account from a life cycle perspective:

Energy consumption is per M3 particle board produced.

We use residual products from the sawmill industry, (which would otherwise be used as fuel), add 12% binder, compress it and make boards. In this way, it binds CO<sub>2</sub> emissions for the service life of the board, i.e. at least 50 years, when it can be either recycled to form a new board or used as fuel

## 6. DISTRIBUTION

### Distribution of finished product

Does the supplier apply the Construction Pallet Return System?

N/A

Does the supplier apply a returnable packaging system for the product?

No

Does the supplier take back the packaging for the product?

No

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

Yes

If yes, which packaging and system:

FTI

Other information:

## 7. CONSTRUCTION PHASE

### Construction phase

Does the product have special storage requirements?

Yes

Specify

According to our handling instructions

Does the product have special requirements for surrounding construction materials?

No



Specify

Other information:

## 8. USE PHASE

### Use phase

Does the product require input goods for operation and maintenance?

No

Specify:

Does the product require an energy supply for operation?

No

Specify:

Estimated technical product service life:

50-70 years

Comment:

Is there an energy label according to the Energy Labelling Directive?

(2010/30/EU) for the product?

N/A

Other information:

If yes, indicate the label (G to A, A+, A+, A++, A+++):

## 9. DEMOLITION

### Demolition

Is the product prepared for disassembly (dismantling)?

No

Specify:

Does the product require special measures to protect health and the environment during demolition/dismantling?

No

Specify:

Other information:

# 10. WASTE MANAGEMENT

Product supplied

Waste code for the delivered product when it becomes waste

030105 - 05 Other shavings, chips, particles, wood and veneer, and particle boards other than those specified in 03 01 04

Is the product supplied covered by the Regulation on producer responsibility for waste electrical and electronic equipment (2014:1075)?

No

Is reuse possible for all or parts of the product when it becomes waste?

Yes

Specify:

As particle board

Is material recovery possible for all or parts of the product when it becomes waste?

Yes

Specify:

As a raw material for fibreboard

Is energy recovery possible for all or parts of the product when it becomes waste?

Yes

Specify:

As energy during incineration in approved incineration plants

Does the supplier have restrictions and recommendations for reuse, material or energy recovery or disposal?

No

Specify:

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

No

### **Built-in product**

Is the built-in product classified as hazardous waste?

No

### **Other information**

## **11. INDOOR ENVIRONMENT**

### **Indoor environment**

The product is not intended for indoor use

The product emits no emissions

Goods emissions not measured

Does the product have a critical moisture condition?

Yes

If yes, specify:

Climate class 1

### Noise

Can the product generate its own noise?

No

Value: Unit:

Measurement method:

### Paints and varnishes

### Electric field

Can the product generate electric fields?

No

Value: Unit:

Measurement method:

### Magnetic fields

Can the product generate magnetic fields?

No

Value: Unit:

Measurement method:

The product is resistant to fungi and algae when used in wetrooms

### Emissions

The product emits the following emissions when used as intended:

#### Type of emission:

Formaldehyde

#### Measurement point 1:

#### Measurement method/standard:

EN 120

#### Result:

<8 mg/hg dry board

#### Measurement interval:

24 hours

#### Measurement point 2:

#### Measurement

#### Result:

#### Measurement

### Other information