



Construction Product Declaration 2015

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

2019-02-19 14:25:08 Particle board P3

1. BASIC DATA

Document data

ID:

C-SE556821674001-4

Version:

6

Created:

2019-02-19 14:21:26

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2019-02-19 14:25:01

The change concerns:

Change of content

Particle board P3

Product name:

Particle board P3

Item no./ID concept

Item identity: E

A21

Product group/Product group classification

| Product group system | Product group page |
|----------------------|--------------------|
| BK04 | 01208 |
| BSAB96 | KEJ.21 |

Product description:

Moisture-resistant particle board for cladding of floors, walls and ceilings, as well as interior fittings

Performance declarations:

Yes

Performance declaration number:

DoP EN 312 P3 10-22

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:

www.byggelit.se

DUNS:

Environmental certification system

BREEAM

BREEAM-SE

LEED 2009

LEED version 4

Miljöbyggnad

References

Reference

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

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?

N/A

Is there a classification of the product?

N/A

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

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

the entire construction product

The product is covered by the RoHS Directive:

No

Indicate the weight of the product:

630 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:

to Is the product registered in Basta? sealants, paints, varnishes and adhesives: Yes

Indicate the percentage of volatile organic compounds [g/litre], applies only

Other information:

Product and/or subcomponents

| Phase | Delivery | | | | |
|------------------|---|--------------------------------|---------------------------------------|--------------------------|----------------------------|
| Component | Binder | % of product by weight | =11 | | |
| Comment | MUF resin | | | | |
| Component | Paint | % of product by weight | =1 | | |
| Comment | | | | | |
| Component | Curing agent | % of product by weight | =0.2 | | |
| Comment | Ammonium chloride | | | | |
| Material | Substance | Concentration range (%) | EG/CAS/Alternative designation | Candidate List | Phase-out substance |
| | Ammonium chloride | >99 | 12125-02-9 | <input type="checkbox"/> | <input type="checkbox"/> |
| CAS | Hazard statement | Exposure | | | |
| 12125-02-9 | H302 - Acute Tox. 4 | | | | |
| 12125-02-9 | H319 - Eye Irrit. 2 | | | | |
| Component | Wood raw material | % of product by weight | =81 | | |
| Comment | The input materials are sawdust, dry wood chips and roundwood | | | | |

| | | | | | |
|------------------|------------------|-------------------------------------|---------------------------|-------------------------------|--------------------------|
| Component | Urea | % of product by weight =0.36 | | | |
| Comment | | | | | |
| Material | Substance | Concentration | EC/CAS/Alternative | Phase-out interval (%) | designation list |
| | | Candidate substance | | | |
| | Urea | 57-13-6 | | <input type="checkbox"/> | <input type="checkbox"/> |
| 90<=x<=100 | | | | | |

| | | | | | |
|------------------|-------|-------------------------------------|--|--|--|
| Component | Water | % of product by weight =5.82 | | | |
|------------------|-------|-------------------------------------|--|--|--|

Comment

| | | | | | |
|------------------|-----|-------------------------------------|--|--|--|
| Component | Wax | % of product by weight =0.62 | | | |
|------------------|-----|-------------------------------------|--|--|--|

Comment

| | | | | | |
|--------------|----------|--|--|--|--|
| Phase | Built-in | | | | |
|--------------|----------|--|--|--|--|

| | | | | | |
|------------------|--------|-----------------------------------|--|--|--|
| Component | Binder | % of product by weight =11 | | | |
|------------------|--------|-----------------------------------|--|--|--|

| | | | | | |
|---|------------------|----------------------------|---------------------------|-------------------------------|-------------------------------------|
| Comment | MUF resin | | | | |
| Material | Substance | Concentration | EC/CAS/Alternative | Phase-out interval (%) | designation list |
| | | Candidate substance | | | |
| | Formaldehyde | 0.1<x<=1 | 50-00-0 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Comment: Free formaldehyde evaporates during pressing of boards | | | | | |

| | | |
|------------|-------------------------|-----------------|
| CAS | Hazard statement | Exposure |
| 50-00-0 | H350 - Carc. 1B | |

| | | | | | |
|------------------|-------|----------------------------------|--|--|--|
| Component | Paint | % of product by weight =1 | | | |
|------------------|-------|----------------------------------|--|--|--|

Comment

| | | | | | |
|------------------|--------------|------------------------------------|--|--|--|
| Component | Curing agent | % of product by weight =0.2 | | | |
|------------------|--------------|------------------------------------|--|--|--|

Comment Ammonium chloride

| | | | | | |
|-----------------|-------------------|--------------------------------|---------------------------------------|--------------------------|----------------------------|
| Material | Substance | Concentration range (%) | EG/CAS/Alternative designation | Candidate List | Phase-out substance |
| | Ammonium chloride | >99 | 12125-02-9 | <input type="checkbox"/> | <input type="checkbox"/> |

| | | |
|------------|-------------------------|-----------------|
| CAS | Hazard statement | Exposure |
| 12125-02-9 | H302 - Acute Tox. 4 | |
| 12125-02-9 | H319 - Eye Irrit. 2 | |

| | | | | | |
|------------------|-------------------|-----------------------------------|--|--|--|
| Component | Wood raw material | % of product by weight =81 | | | |
|------------------|-------------------|-----------------------------------|--|--|--|

Comment The input materials are sawdust, dry wood chips and roundwood

Component Urea **% of product by weight** =0.36

Comment

| Material | Substance | Concentration range (%) | EC/CAS/Alternative designation | Candidate List | Phase-out substance |
|-----------------|------------------|--------------------------------|---------------------------------------|--------------------------|----------------------------|
| | Urea | 90<=x<=100 | 57-13-6 | <input type="checkbox"/> | <input type="checkbox"/> |

Component Water **% of product by weight** =5.82

Comment

Component Wax **% of product by weight** =0.62

Comment

4. RAW MATERIALS

Raw materials

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

Total recycled material in product



Does the product contain recycled material?

| Material | Weight/percentage by weight |
|--|---|
| Wood raw material | 67.5 g |
| Percentage after consumer stage | |
| 0 | Percentage before consumer stage |
| Comment | 100 |
| The input materials sawdust and dry wood chips are residual products from the sawmill industry | |

Renewable material

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

| | |
|-------------------------------|---------------------------------|
| <input type="text" value=""/> | <input type="text" value="90"/> |
|-------------------------------|---------------------------------|

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

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):

Wood raw

Wood raw materials Input wood raw material is certified

What percentage is certified [%]?

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

Reference number:

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

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 CO₂-eq]:

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

Acidification potential (AP) [kg SO₂-eq]:

Photochemical ozone creation potential (POCP)

Eutrophication potential (EP) [kg (PO₄)₃-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 6% binder, compress it and make boards. In this way, it binds CO₂ 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

If yes, which packaging and system:

FTI

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

Yes

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 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

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 in undamaged condition

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

Yes

Specify:

As energy during incineration

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:

Waste code for the delivered product when it becomes waste

03 - Waste from wood processing and production of panels and furnishings, paper pulp, paper and cardboard

0301 - 01 Waste from wood processing and production of panels and furnishings:

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

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?

No

Yes

If yes, specify:

Climate class 2

Value: Unit:

Measurement method:

Paints and varnishes



Electric field

Can the product generate electric fields?

No

Value: Unit:

Noise

Can the product generate its own noise?

Type of emission:

Formaldehyde

Measurement point 1:**Measurement method/standard:**

EN 120

Result:

<8 mg/hg perforator value

Measurement interval:

hours

Measurement point 2:**Measurement****Result:****Measurement**

Measurement method:

No

Measurement method:

Magnetic fields

Value:

Can the product generate magnetic fields?

Unit:

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

Emissions

The product emits the following emissions when used as intended:

Other information

Formaldehyde certificate 112004 E1

Formaldehyde emissions according to EN 717-1 <0.07 mg/m3 report RISE ref.

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