

1. BASIC DATA

Document data

Id:

C-SE556539490401-1

Version:

10

Created:

2019-09-27 13:50:46

Last saved:

2019-09-27 13:52:13

Changes relates to:

Contents

Håldäck, Håldäckselement, HD/F, HDF

Article name:

Håldäck, Håldäckselement, HD/F, HDF

Article No/ID concept

Article identity: GTIN

12725871

Product group/Product group classification

Product group system	Product group id
BSAB96	GSC.61

Article description:

Bjälklag, Prefabricerade bjälklagselement, Prefabricerade betongelement bjälklag, Hålbjälklag.

Declarations of performance:

Yes

Declaration of performance number:

13287812/2

Other information:

Certifiering för SS-EN 9001:2015, SS-EN 14001:2015 av Bureau Veritas, samt produktstandarden för håldäcksplattor SS-EN 1168:2005 + A3:2011, upphandlade transportörer är certifierade av Q3, Strängbetong är dessutom certifierat av TransQ.

AB Strängbetong

Company name:

AB Strängbetong

Organisation number:

556539-4904

Address:

AB Strängbetong, FE 950

Contact person:

Marcus Gunnarsson Skoog

E-mail:

Telephone:

Marcus.GunnarssonSkoog@strangbetong.se

0706565293

VAT number:

SE556539490401

Website:

http://www.strangbetong.se/

GLN:

DUNS:

Environmental certification system

BREEAM

BREEAM-SE

LEED 2009

LEED version 4

Miljöbyggnad (Swedish certifica

References

Reference

EPD från CELSA STEEL SERVICE AB, Website: www.celsa-steelservice.com, certification No S-P-00305, Validity: 2019-03-24, LCA coverage: cradle-to-gate, Climate change: 360 kg CO2 eq/tonnes.

EPD Svensk Betong, Website: http://epd-norge.no, certification No NEPD-1298-419-SE, Validity: 2022-03-27, LCA coverage: cradle-to-gate, Climate change: 258 kg CO2 eq/tonnes.

Annexes

Annex

Producentintyg (dokument nummer 12730511), Produktinformation HDF (dokument nummer 12730967)

2. SUSTAINABILITY WORK

Company's certification

ISO 9001

ISO 14001

Other:

Certifiering för SS-EN 9001:2015, SS-EN 14001:2015 av Bureau Veritas, samt produktstandarden för håldäcksplattor SS-EN 1168:2005 + A3:2011.

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:

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:

2500 kg/m³

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:

Is the article registered in Basta?

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

Yes

Other information:

LCA kommer att utföras. Basta-registreringen gäller "bjälklagselement".

I vissa fall använd mineralolja som formolja (men fasas ut). Tillsatsmedel kan variera mellan angivna sorter. Användning av CEM I minimeras eller fasas I färdig byggnad tillkommer fogigjutning, pågjutning och eventuell målning av undersida.

Article and/or sub-components

Phase	Delivery				
Component	Betong	Weight% of product=100			
Comment	Underkomponent till Betong. Xi, R37/38, R41. Underkomponent till Betong. Underkomponent till Betong. Underkomponent till Betong. Underkomponent till Betong. Underkomponent till Betong. Ev kvarsittande på yta. Underkomponent till Betong. Underkomponent till Betong. Armeringsstandard: prEN 10138. Legering: Underkomponent till Betong. Underkomponent till Betong. Underkomponent till Betong.				
Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Bascement typ Portlandcemer	13<=x<=15	65997-15-1	<input type="checkbox"/>	<input type="checkbox"/>
	Vatten	=6	7732-18-5	<input type="checkbox"/>	<input type="checkbox"/>
Ballast		66<=x<=83		<input type="checkbox"/>	<input type="checkbox"/>
Ballast	Krossat berg	66<=x<=83	-	<input type="checkbox"/>	<input type="checkbox"/>

Formolja		<0.002		<input type="checkbox"/>	<input type="checkbox"/>
Formolja	Vegetabilisk olja	<0.002	-	<input type="checkbox"/>	<input type="checkbox"/>
Spännarmering		0<=x<=1		<input type="checkbox"/>	<input type="checkbox"/>
Spännarmering	Stål	0<=x<=1	-	<input type="checkbox"/>	<input type="checkbox"/>
Tillsatsmedel		0<=x<=0.06		<input type="checkbox"/>	<input type="checkbox"/>
Tillsatsmedel	Chryso Alpha 18	0<=x<=0.06	Vattenreducerande plasticerar	<input type="checkbox"/>	<input type="checkbox"/>
Tillsatsmedel	MasterFinish Glenium410	0<=x<=0.06	-	<input type="checkbox"/>	<input type="checkbox"/>
Tillsatsmedel	MasterFinish MPT349	0<=x<=0.06	-	<input type="checkbox"/>	<input type="checkbox"/>
Tillsatsmedel	Sikament VS-1	0<=x<=0.06	-	<input type="checkbox"/>	<input type="checkbox"/>

Phase	Mounted	
Component	Betong	Weight% of product=100

Comment

Underkomponent till Betong. Xi, R37/38, R41.
Underkomponent till Betong.
Underkomponent till Betong.
Underkomponent till Betong.
Underkomponent till Betong.
Underkomponent till Betong. Ev kvarsittande på yta.
Underkomponent till Betong.
Underkomponent till Betong. Armeringsstandard: prEN 10138. Legering:
Underkomponent till Betong.
Underkomponent till Betong.
Underkomponent till Betong.

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Basement typ Portlandcemer	13<=x<=15	65997-15-1	<input type="checkbox"/>	<input type="checkbox"/>
	Vatten	=6	7732-18-5	<input type="checkbox"/>	<input type="checkbox"/>
Ballast		66<=x<=83		<input type="checkbox"/>	<input type="checkbox"/>
Ballast	Krossat berg	66<=x<=83	-	<input type="checkbox"/>	<input type="checkbox"/>
Formolja		<0.002		<input type="checkbox"/>	<input type="checkbox"/>
Formolja	Vegetabilisk olja	<0.002	-	<input type="checkbox"/>	<input type="checkbox"/>
Spännarmering		0<=x<=1		<input type="checkbox"/>	<input type="checkbox"/>
Spännarmering	Stål	0<=x<=1	-	<input type="checkbox"/>	<input type="checkbox"/>
Tillsatsmedel		0<=x<=0.06		<input type="checkbox"/>	<input type="checkbox"/>
Tillsatsmedel	Chryso Alpha 18	0<=x<=0.06	Vattenreducerande plasticerar	<input type="checkbox"/>	<input type="checkbox"/>
Tillsatsmedel	MasterFinish Glenium410	0<=x<=0.06	-	<input type="checkbox"/>	<input type="checkbox"/>
Tillsatsmedel	MasterFinish MPT349	0<=x<=0.06	-	<input type="checkbox"/>	<input type="checkbox"/>
Tillsatsmedel	Sikament VS-1	0<=x<=0.06	-	<input type="checkbox"/>	<input type="checkbox"/>

4. RAW MATERIALS

Raw materials

Component	Material	Transport type
Bascement	Portlandcement (CEM II)	Lastbil, Båt
Country of raw material extraction		City of raw material extraction
Sweden		Slite
Country of manufacture/production		City of manufacture/production
Sweden		Slite
Comment		
<hr/>		
Component	Material	Transport type
Ballast	Krossat berg	Lastbil
Country of raw material extraction		City of raw material extraction
Sweden		Lokal råvara: Kungsör, Långviksmon, Veddige
Country of manufacture/production		City of manufacture/production
Sweden		Lokal tillverkning: Kungsör, Långviksmon, Veddige
Comment		
<hr/>		
Component	Material	Transport type
Vatten	Vatten	
Country of raw material extraction		City of raw material extraction
Sweden		Lokal råvara: Kungsör, Långviksmon, Veddige
Country of manufacture/production		City of manufacture/production
Sweden		Lokal tillverkning: Kungsör, Långviksmon, Veddige
Comment		
<hr/>		
Component	Material	Transport type
Tillsatsmedel	MasterFinish Glenium 410	Lastbil
Country of raw material extraction		City of raw material extraction
Italy		Treviso
Country of manufacture/production		City of manufacture/production
Sweden		Rosersberg
Comment		

Component	Material	Transport type
Spännarmering	Stål	Lastbil
Country of raw material extraction		City of raw material extraction
Germany		Hamburg
Country of manufacture/production		City of manufacture/production
Sweden		Linköping
Comment		
<hr/>		
Component	Material	Transport type
Formolja	Vegetabilisk olja	Lastbil
Country of raw material extraction		City of raw material extraction
Germany		Glöthe
Country of manufacture/production		City of manufacture/production
Sweden		Lokal tillverkning: Sverige, Pajala, Spånga och Tyskland, Glöthe
Comment		
Lokal användning per fabrik.		
<hr/>		
Component	Material	Transport type
Tillsatsmedel	Chryso Alpha 18	Lastbil
Country of raw material extraction		City of raw material extraction
France		Sermaises
Country of manufacture/production		City of manufacture/production
Sweden		Stenkullen
Comment		
<hr/>		
Component	Material	Transport type
Tillsatsmedel	MasterFinish MPT349	Lastbil
Country of raw material extraction		City of raw material extraction
Italy		Treviso
Country of manufacture/production		City of manufacture/production
Sweden		Rosersberg
Comment		

Component	Material	Transport type
Tillsatsmedel	Sikament VS-1	Lastbil
Country of raw material extraction		City of raw material extraction
Germany		Leimen
Country of manufacture/production		City of manufacture/production
Sweden		Spånga, Stockholm
Comment		

Total recycled material in the article

Is recycled material included in the article?

Material		
Bascement typ Portlandcement (CEM II)		
Proportion after the consumer stage	Proportion before the consumer stage	Weight/percent by weight
0	15	15 %
Comment		

Renewable material

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

1

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):

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:

EN 15804:2012+A1:2013

Registration number / ID number for EPD:

NEPD-1713-696-SE

Climate impact (GWP100) [kg CO₂-eq]:

136

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

0,00309

Acidification (AP) [kg SO₂-eq]:

0,212

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

0,0214

Eutrophication (EP) [kg (PO₄)-3-eq]:

0,0444

Renewable energy [MJ]:

154

Non-renewable energy [MJ]:

708

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

A+

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:

Vi hänvisar till vår EPD för håldäck NEPD-1713-696-SE .

6. DISTRIBUTION

Distribution of finished article

Does the supplier use Retursystem Byggpall?

Not applicable

Does the supplier take back packaging for the article?

Not applicable

If yes, which packaging and which system?

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

Not applicable

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

Not applicable

Other information:

Lastbärare underslag i trä används och byts ut vid behov. Produkten erfordrar inget emballage.

7. CONSTRUCTION PHASE

Construction phase

Does the article make special requirements in storage?

Not applicable

Specify

Does the article make special requirements for surrounding building products?

Not applicable

Specify

Other information:

8. USE PHASE

Use phase

Does the article make requirements for input materials for operation and maintenance?

Not applicable

Specify:

Does the article require supply of energy during operation?

Not applicable

Specify:

Estimated technical service life for the article:

50-100 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+++):

Other information:

9. DEMOLITION

Demolition

Is the article prepared for disassembly (dismantling)?

Yes

Specify:

Demontering möjlig.

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:

Bjälklag går att återanvända.

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

Yes

Specify:

Kross och stålåtervinning.

Spillbetong: Avfallskod 10 13 14. Mängd: 5% av tillverkad. Andel som återvinns: 100 % materialåtervinns som fyllnadsmaterial.

Spill armering: Avfallskod 17 04 05. Mängd: 9%. Andel som återvinns: 100 % materialåtervinns som recycling.

Betongslam i vatten: Avfallskod Avfallskod. Andel som återvinns: 0-10 % materialåtervinns.

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

Not applicable

Specify:

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

No

Specify:

Waste code for the delivered article when it becomes waste

101314 - 14 Betongavfall och betongslam.

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

Från fabrikena släpps som regel något basiskt spolvatten. Fabrikena har slam och oljeavskiljare.

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

Can the article give rise to own noise?

No

Value:

Unit:

Measuring method:

Electrical field

Can the article give rise to electrical fields?

No

Value:

Unit:

Measuring method:

Magnetic fields

Can the article give rise to magnetic fields?

No

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