

Building product declaration 2015

according to BPD associations' standardised format eBVD2015

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Concrete Canvas

1. BASIC DATA

Document data

Id:

C-SE556611058001-1

Version:

1

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2017-12-11 11:11:41

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Changes relates to:

Concrete Canvas

Article name:

Concrete Canvas

Article No/ID concept

Article identity: VAT-NAME

SE556611058001-ConcreteCanvas

Product group/Product group classification

Product group system	Product group id
BSAB96	C
BSAB96	D
BSAB96	E

Article description:

Concrete Canvas® (CC) is a flexible, concrete impregnated fabric that hardens on hydration to form a thin, durable, water proof concrete layer.

Declarations of performance:

Yes

Declaration of performance number:

CC130701

Other information:

Infra Management i Norr AB

Company name:

Infra Management i Norr AB

Organisation number:

556611-0580

Address:

Storgatan 9

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SE556611058001

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www.inframanagement.se

GLN:

DUNS:

Environmental certification system

BREEAM

BREEAM-SE

LEED 2009

LEED version 4

Miljöbyggnad (Swedish certifica

2. SUSTAINABILITY WORK

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:

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?

Yes

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

2017-11-01

The article is covered by the RoHS Directive:

No

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 there classification of the article?

No

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

whole construction product

Enter the weight of the article:

19 kg/m2

Is the article registered in Basta?

No

Other information:

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

Article and/or sub-components

Phase	Component	Material	Substance
Delivery	Cementitious Blend		
Concentration interval	EG	CAS	Alternative designation
86.1<=x<=89.7			
Comment	<input type="checkbox"/> Substance on candidate	<input type="checkbox"/> Substance with phasing-out prop	
H-phrases			
Exposure routes/organ			
Phase	Component	Material	Substance
Delivery	Fabric		
Concentration interval	EG	CAS	Alternative designation
5<x<6.1			
Comment	<input type="checkbox"/> Substance on candidate	<input type="checkbox"/> Substance with phasing-out prop	
H-phrases			
Exposure routes/organ			

Phase	Component	Material	Substance
Delivery	Polymeric PVC Backing		
Concentration interval	EG	CAS	Alternative designation
4.212<=x<=8.775			
Comment	<input type="checkbox"/> Substance on candidate	<input type="checkbox"/> Substance with phasing-out prop	
H-phrases			
Exposure routes/organ			

4. RAW MATERIALS

Raw materials

Total recycled material in the article

Is recycled material included in the article?

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):

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:

General product guidelines 14025 have been used (cradle to gate per

Climate impact (GWP100) [kg CO₂-eq]:

Acidification (AP) [kg SO₂-eq]:

Eutrophication (EP) [kg (PO₄)-3-eq]:

Non-renewable energy [MJ]:

Registration number / ID number for EPD:

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

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

Renewable energy [MJ]:

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:

6. DISTRIBUTION

Distribution of finished article

Does the supplier use Retursystem Byggpall?

No

Does the supplier take back packaging for the article?

No

If yes, which packaging and which system?

Other information:

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

Yes

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

No

7. CONSTRUCTION PHASE

Construction phase

Does the article make special requirements in storage?

Yes

Specify

CC/CCH should be stored under cover in dry conditions away from direct sunlight and in the manufacturer's sealed packaging. It is not recommended to store in shipping containers in direct sunlight where temperatures may exceed 40°C for prolonged periods. If stored correctly CC/CCH has a shelf life of 24 months. If stored for longer it may remain usable in many instances.

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:

CC/CCH should be hydrated with water in order to activate the cementitious component. Please see CC/CCH Hydration guidelines for further details.

Does the article require supply of energy during operation?

No

Specify:

Estimated technical service life for the article:

50-100 years

Comment:

Based on accelerated age testing to BS EN 12467.

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)?

Not applicable

Specify:

Does the article require special measures for protection of health and environment in demolition/disassembly?

Not applicable

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?

Not applicable

Specify:

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

Yes

Specify:

Possible re-use as aggregate fill or hard-core.

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

No

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

170101 - 01 Betong.

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

No

Mounted article

Is the mounted article classified as hazardous waste?

No

Waste code for the mounted article

170101 - 01 Betong.

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

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