

SundaHus product declaration for environmental assessment

This document template describes the basic details that SundaHus needs in order to assess articles and chemical products. The information can either be provided in this document or be referenced to in other relevant documentation. For some specific articles and products additional information may be required. *Mandatory fields are marked with a **

1. Document data

Creation date* (YY-MM-DD)	2024-02-26
Revision date (YY-MM-DD)	

2. Supplier

Company name*:	BRIX Sverige AB
Org. number/VAT number*:	SE559467233801
Address*:	Fågelviksvägen 9 145 53 Norsborg
Contact information*:	Pekka@brixsverige.se 070 792 29 45
E-mail address*:	pekka@brixsverige.se
Website*:	https://brixsverige.se

3. Product information

The information provided in this paragraph will help customers find the product in the database. If the same product is sold on markets other than the Swedish market, please specify these as well. Note that the products must be identical in composition to be registered under the same assessment.

Markets/relevant languages*:	<input checked="" type="checkbox"/> Swedish	<input type="checkbox"/> Danish	<input checked="" type="checkbox"/> English	<input type="checkbox"/> Other:
Product name*:	BRIX			
Article number (i.e. GTIN)				
BSAB code:	FSG.22 Väggar av fasadtegel			
BK04 number:	01102 Tegel			
Boverket category:				
Product description*:	Tegelfasadelement, BRIX ventilerade tegel-/klinkerfasadsystem.			

4. Composition

Specify all the materials that are included in the product, with CAS number, hazards identification (if available) and weight percentage.¹

Without precise information about the material's composition (additives, alloys, etc) we will use a "worst case/ default" composition for the respective material².

The product at time of delivery is comprised of the following parts/components, with the specified chemical composition:					
Component*	Constituent substances/materials*	Weight %* ³	EG no/CAS no /alloy no.* ⁴	CLP classification	Comments
Tegel	Lera, sand, sågspån, (bariumkarbonat)	≤ 71,3 %	513-77-9 (bariumkarbonat)	H302	
Stål DX51 + ZM EN 10346 med ytbehandling Magnelis	Magnelis, Stål DX21 + ZM EN 10346	≤ 17,7 %			
Skruv, zinkpläterat stål	(fosfor, röd), järn, kol, (svavel), zink	≤ 0,08 %	7723-14-0 fosfor 7439-89-6 järn 7440-44-0 kol 7704-34-9 svavel 7440-66-6 zink	H228, H412, H315	
Färgad kvarts	kvarts	≤ 1,1 %	14808-60-7		
BRIX Site Bonding Grout	Ballast, ospecificerad akrylpolymer för cementbaserade-produkter (metylmetakrylat), ospecificerat pigment (benzidingult, benzindinorange, järn(II, III)oxid, järn(III)oxid, järnhydroxidoxid, kopparftalocyaninblå, krom(III)oxid, pigment green 7,	≤ 3 %	80-62-6 5102-83-0 3520-72-7 1317-61-9 1309-37-1 20344-49-4 147-14-8 1308-38-9 1328-53-6 5280-68-2 13463-67-7 65997-15-1	H315, H318, H335	

¹ Avoid generic terms such as "plastic", "metal", "paint", etc. Instead specify what kind of plastic, metal or paint it is (such as "ABS plastic", "brass", "acrylic paint"). Please specify additives in plastics (such as flame retardants, plasticizers).

² In the absence of adequate information regarding a component/material, we will utilize a "worst-case"/"default". The composition of our "worst-case" / "defaults" is based on our experience and is representative of commonly available versions of the respective component/material found in the market.

³ Weight percentage, denoted as %, indicates the proportion of the component/material/compound in relation to the total weight of the product/component. To be able to assess the product at least 98% of the components must be disclosed (99,9% for chemical products)

⁴ For metals specify the alloy designation (e.g. SR235JR), and for surface treated metals also specify the weight percentage of the surface treatment.

	pigment red 146, titandioxid, portlandcement				
BRIX Factory Bonding Grout	Ballast, Cement kiln, dust, ospecificerad akrylpolymer för cementbaserade-produkter (metylmetakrylat), ospecificerat pigment (benzidingult, benzindinorange, järn(II, III)oxid, järn(III)oxid, järnhydroxidoxid, kopparftalocyani nblå, krom(III)oxid, pigment green 7, pigment red 146, titandioxid, portlandcement	≤ 11 %	68475-76-3 80-62-6 5102-83-0 3520-72-7 1317-61-9 1309-37-1 20344-49-4 147-14-8 1308-38-9 1328-53-6 5280-68-2 13463-67-7 65997-15-1		
Soudaseal (222LM)		≤ 0,35 %			
Total product weight (including measurement unit)*:			38 - 43 kg/m ²		
Specify amount of volatile organic compounds (VOC) in grams/litre:					
Were nanoparticles deliberately added to the product to achieve a specific function?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If Yes , specify the nanomaterial:					
Approximate technical life expectancy interval (years):			70 - 150 år	Comments:	

5. Recycled raw materials

Pre-consumer : recycled material that has not been used by consumers, such as spill or production waste.

Post-consumer : recycled material that has passed the consumer side.

Included material	Percentage recycled material of the product's total weight (%)	Percentage of product total weight (%) Pre-consumer	Percentage of product total weight (%) Post-consumer	Comments
Tegel (Tiileri)	Upp till 40%	Upp till 100%	Upp till 40%	"allt spill kan återföras till processen"

Stål (SSAB)	20 – 30 %	20 – 30 %	20 – 30 %	I dagsläget 20-30% men mängden av återvunnet material ökar hela tiden
For the raw materials, is there a third-party certificate system for control of origin, raw material extraction, production or recycling processes, or similar? (e.g. BES 6001:2008, EMS certificate, USGBC Program)				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes , specify the system(s)				

6. Circularity and waste management

Re-use specifies if all or part of the product can be used again with the exact same function as previously.

Material recycling specifies if the material can be re-processed and then used in a new product.

Is re-use possible for all or part of the product? *	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If Yes , specify (material/weight%): Panels (tegel + plåt) + stomsystem + skruvar ≤ 95,9 %
Is material recycling for all or part of the product possible when it is considered waste? *	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If Yes , specify (material/weight%): Tegel, plåt stomsystem + skruvar ≤ 86 %
Is energy recycling (combustion) possible for all or part of the product when it is considered waste? *	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes , specify (material/weight%):
Specify EWC code (European Waste Catalogue) for the delivered product when it is considered waste *	12.1, 06.3, 23.6			
When the delivered product is considered waste, is it classified as hazardous waste?	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
If the product's chemical composition is different after it is installed in a building compared to when it was delivered, and as a consequence the installed product receives a new EWC code, please specify this new code here. If it is unchanged the below information should be omitted.				
Specify EWC code for the installed product here	-			
Is the installed product classified as hazardous waste?	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
Other:				

7. Environmental classification

Certifications need to be supported by a valid certificate.

If wood is included in the product, is it certified?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Which system was used (<i>i.e.</i> FSC, CSA, SFI with CoC, PEFC)			
Reference number:			
If the wood is not certified, please specify country of origin for the raw wood material			
EU energy labelling:			
Environmental labelling (<i>Svanen, Floor Score, C2C, Leed Compliant etc.</i>):	Godkänd att användas med Svanen. Produktgrupp saknas		

8. Distribution phase

Is the supplier using Retursystem Byggpall?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is the supplier using a system with reusable distribution packaging for the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the supplier reclaim distribution packaging for the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Is the supplier connected to a system for producer responsibility for packaging?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If Yes , which system(s):			
Other:	BRIX panels are delivered in own pallets which can be sended back to the factory and re-used		

9. Construction phase

Does the product require special handling during storage?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes , specify:
Does the product require special demands on surrounding building materials?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If Yes , specify: BRIX -systemet installeras på en bärande konstruktion
Other:				

10. Usage phase

Does the product have any special requirements for operation and maintenance? ⁵	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes , specify:
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Does the product require an energy supply for operation?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes , specify:
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11. Demolition

Is the product prepared for dismantling?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If Yes , specify: Efter att injekteringsbruket har tagits bort kan hela fasaden demonteras genom att ta ut skruvarna
Does the product require special precautions for protecting health and/or environment during demolishing/dismantling?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If Yes , specify: Kapning av cementbaserade fogar orsakar damm
Does the delivered product fall under the WEEE directive (EU site) when it is considered waste?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No
Other:				

12. Indoor environment

Does the product have a critical moisture state?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If Yes , specify:		
The product is tested and meets the following emission criteria (include valid certificate in documents):					
<input type="checkbox"/> EC1+	<input type="checkbox"/> EC1	<input type="checkbox"/> M1	<input type="checkbox"/> M2	<input type="checkbox"/> agBB	<input type="checkbox"/> E1
The following emission tests have been carried out (include emission report in documents):					
Type of emission	Results (with measurement unit)	Measurement method/standard	Comments		
Product is not intended for indoor use <input type="checkbox"/>	Product does not give off emissions <input type="checkbox"/>		Product emissions not tested <input type="checkbox"/>		