

BUILDING PRODUCT DECLARATION BPD 3

in compliance with the guidelines of the Ecocycle Council, June 2007

1 Basic data

Product identification				Document ID Glazed Ceramic Tiles	
Product name	Product no	/ID designation	1	Product group	
Glazed Porcelain tiles	Serie NORRVANGE			EN 14411 G Bla GL	
New declaration	In the ca	se of a revise	ed declaration	on	
Revised declaration	Has the product been changed?		The change	relates to	
	⊠ No	Yes	Changed pr	oduct can be identified by	
Drawn up/revised on (date) 12/12/2018		Inspected w	vithout revision on (date)		
Other information:					

2 Supplier information

Company name EVOQUE LIVING	G CERAMIC S	.L.	Company reg.	no/DUNS no ESB 12902300		
Address Ctra. Villarreal -	Onda CV 20 K	M 2.5, 12540,	Contact person	1 CARLOS ALBA		
Villarreal (Castellón) Spain			Telephone 0034 964 914 181			
Website: www.livingceramics.co	om		E-mail com	ercial@livingceramics.com		
Does the company have an enviro	nmental manage	ment system?	Yes	⊠ No		
The company possesses certification in compliance with	⊠ ISO 9000	☐ ISO 14000	Other	If "other", please specify:		
Other information:						

3 Product information

Country of final manufac	cture Spain	If country	cannot be sta	ted, please state why	1	
Area of use	Internal and external flo	ooring and	walls			
Is there a Safety Data Sh	neet for this product?			Not relevant ■	Yes	□No
In accordance with the re	egulations of the Swedish	Classificati	ion		Not rel	evant
Chemicals Agency, pleas	Labelling					
Is the product registered	in BASTA?				Yes	⊠ No
Has the product been eco-labelled?	Criteria not found	Yes	⊠ No	If "yes", please spe	ecify:	
Is there a Type III enviro	onmental declaration for the	product?			Yes	⊠ No
Other information:						

4 Contents (To add a new green row, select and copy an entire empty row and paste it in)

At the time of delivery, the product comprises the following parts/components, with the chemical composition stated:							
Constituent materials/ components	Constituent substances	Weight % or g	EG no/ CAS no (or alloy)	Classifi- cation	Comments		
SiO2		70.65%	14808-60-7				
Al2O3		20.26%	90669-62-8				
Hematite (Fe2O3)		0.73%	76774-74-8		_		
TiO2		0.69 %	98084-96-9		_		
CaO		0.54 %	60873-85-0				

Data in fields highlighted in green are requriements in compliance with the Ecocycle Council guidelines.

finished built in product should Constituent materials/ components	Constituent substances	Weight % or g	EG no/ CAS no (or alloy)	Classifi- cation	Comments
inisnea built in product should	t be given here. If the ee	mienie is unena	ilged, no data need be gr	ven in the folio	owing table.
If the chemical composition of the					
Other information:					
Other Oxides less 0.1%		0.05 %			
P2O5		0.21 %	1314-56-3		
K2O		1.56 %	37382-43-7		
Na2O		4.99 %	12401-86-4		
		0.33 %	82375-77-7		

5 Production phase

<u>. </u>			
Resource utilisation and environmental imp ways:	oact during production o	f the item is repo	rted in one of the following
1) Inflows (goods, intermediate goods, encoutflows (emissions and residual productions)			manufacturing unit, and the
2) All inflows and outflows from the extra	· ·	•	.e. "cradle-to-gate".
3) Other limitation. State what:		1	C
The report relates to unit of product	Reported product	The product's product group	The product's production unit
Indicate raw materials and intermediate goo	ods used in the manufactur	e of the product	☐ Not relevant
Raw material/intermediate goods	Quantity and unit		Comments
Clay, Sand, Feldespar, Carbonate, Kaolin	22 kg/m2		Atomized powder
Carbonate, Feldespar, Kaolin, Silicate, Alumina oxide, quartz, borate, zinc oxide, zirconium oxide	0,95 kg/m2		Glaze or Enamel
Metal oxides.	0,036 kg/m2		Pigment
Indicate recycled materials used in the manuf	facture of the product		☐ Not relevant
Type of material	Quantity and unit		Comments
Atomized powder (recycled)	20%		
Enter the energy used in the manufacture of the	ne product or its componer	nt parts	☐ Not relevant
Type of energy	Quantity and unit		Comments
Electric	2,12 Kwh/m2		
Gas	18,71 Kwh/m2		
Enter the transportation used in the manufact	ture of the product or its co	omponent parts	☐ Not relevant
Type of transportation	Proportion %		Comments
Truck	100%		
Enter the emissions to air, water or soil from component parts	the manufacture of the pr	oduct or its	☐ Not relevant
Type of emission	Quantity and unit		Comments
CO2e	1,46 kg/m2		
SO2	5,8*10-3 mg/m2		
HCL	3*10-3 kg/m2		
HE	2*10-3 kg/m2		
PI	8,4*10-6 kg/m2		

Atomized Powder	Particles		3,65*10-3 k	g/m2					
Residual product	Enter the residual products from	om the manufac	cture of the pro	duct or its c	ompon	ent parts		Not relevan	nt
Residual product Atomized Powder Stephen Description of the data accuracy for the manufacturing data?	•			Proportio	on recy				
Residual product Waste code Quantity recycled % recycled % Comments						Energy			
Is there a description of the data accuracy for the manufacturing data? Section S	Residual product	Waste code	Quantity	recycled			%	Comments	
data accuracy for the manufacturing data? This descripcion is based on "Sectoral life-cycle assessment of ceramic tile" published by ASCER association. Other information: 6 Distribution of finished product Does the supplier put into practice a system for returning load carriers for the product? Does the supplier put into practice any systems involving multi-use packaging for the product? Does the supplier take back packaging for the product? Does the supplier affiliated to REPA? Other information: 7 Construction phase Are there any special requirements for the product during storage? Are there any special requirements for adjacent building products because of this product? Other information: 8 Usage phase Does the product involve any special requirements for intermediate goods regarding operation and maintenance? Does the product have any special energy supply requirements for operation? Estimated technical service life for the product is to be entered according to one of the following options, a) or b): a) Reference service life estimated to be in the interval of years Other information: 9 Demolition Is the product ready for disassembly (taking Not relevant Yes No If "yes", please specify: Does the product ready for disassembly (taking Not relevant Yes No If "yes", please specify: Does the product ready for disassembly (taking Not relevant Yes No If "yes", please specify: Does the product ready for disassembly (taking Not relevant Yes No If "yes", please specify:	Atomized Powder		0,5 kg/m2	26%					
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Other information: Comparison	manufacturing data?								
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	apart)? Does the product require any si	necial magazine	NI NI I	Wort		oc K	7 N.	If " " 1	00.000
Does the product require any special measures to protect health and environment during	to protect health and environment	pecial ineasures ent during	Not rele	evant	L Y	es	7 1/10	π 'yes'', plea	ise specify:
demolition/disassembly?	demolition/disassembly?	8							
Other information:	Other information:								
10 Waste management	10 Waste managem	ent							
							7 - 1	70	
	product?		☐ Not rele	evant	Y	es [∐No	If "yes", plea	se specify:
Is it possible to recycle materials for all or Not relevant Yes No If "yes", please specify:	T. 7	le for all or	☐ Not role	-vant	X	'es Γ	ΠNο	If "ves" plea	se specify:

			1	1		
parts of the product?					Can be use landfill	ed as a
Is it possible to recycle e of the product?	energy for all or parts	☐ Not relevant	Yes	⊠ No	If "yes", ple	ase specify:
Does the supplier have a recommendations for re- energy recycling or wast	use, materials or	☐ Not relevant	Yes	⊠ No	If "yes", ple	ase specify:
Enter the waste code for	the supplied product					
Is the supplied product of	classed as hazardous wa	aste?			Yes	⊠ No
If the chemical composit delivery, meaning that an If it is unchanged, the following t	nother waste code is giv	ven to the finished built i	t in from tha in product, t	t which it h	nad at the time ould be entere	of d here.
Enter the waste code for	the built in product					
Is the built in product cl	assed as hazardous was	te?			Yes	⊠ No
Other information:						
11 Indoor envir	onment (To add a	new green row, select and o	copy an entire	empty row a	and paste it in)	
When used as intended,		· ·		The productions	t does not hav	e any
Type of emission	Quantity [µg/m²h]	or [mg/m³h]	Method o	sions of	Comme	•
		· ·	emis	sions of		•
	Quantity [µg/m²h]	or [mg/m³h]	Method o	sions of		•
	Quantity [µg/m²h]	or [mg/m³h]	Method o	sions of		•
	Quantity [µg/m²h]	or [mg/m³h]	Method o	sions of		•
	Quantity [µg/m²h]	or [mg/m³h]	Method o	sions of		•
	Quantity [µg/m²h]	or [mg/m³h]	Method o	sions of		•
	Quantity [µg/m²h] 4 weeks	or [mg/m³h]	Method o	ssions of ment		•
Type of emission	Quantity [µg/m²h] 4 weeks ve rise to any noise?	or [mg/m³h]	Method of measure	ssions of ment	Comme	nts
Type of emission Can the product itself given	Quantity [µg/m²h] 4 weeks ve rise to any noise?	or [mg/m³h] 26 weeks	Method of measure	evant measurem	Comme	nts
Type of emission Can the product itself give Value	Quantity [µg/m²h] 4 weeks ve rise to any noise? Uther to electrical fields?	or [mg/m³h] 26 weeks	Method of Method of	evant measurem	Commercial Yes	nts
Can the product itself give Value Can the product give rise	Quantity [µg/m²h] 4 weeks ve rise to any noise? Un to electrical fields? Un	or [mg/m³h] 26 weeks	Method of Method of Not rel	evant measurem evant measurem	Commercial Yes	nts
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References

Appendices