

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID
Product name Serie Minos	Product no/ID designation Unglazed Porcelain Tiles	Product group EN14411:2006, Annex G, Group Bla
<input checked="" type="checkbox"/> New declaration <input type="checkbox"/> Revised declaration	In the case of a revised declaration	
	Has the product been changed?	The change relates to
	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Changed product can be identified by
Drawn up/revised on (date) 11.02.2013		Inspected without revision on (date)
Other information:		

2 Supplier information

Company name Pavigrés Cerâmicas, SA		Company reg. no/DUNS no 500810265	
Address Alto das Domingas; Ap.42 3781-909 Anadia - Portugal		Contact person	
Website: www.pavigres.com		Telephone +351 231 510 600	
Does the company have an environmental management system?		E-mail	
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
The company possesses certification in compliance with	<input checked="" type="checkbox"/> ISO 9000 <input type="checkbox"/> ISO 14000	<input checked="" type="checkbox"/> Other	If "other", please specify: CSTB - NF UPEC (product certification)
Other information: Soon, our environmental management system will be certified in compliance with ISO 14001			

3 Product information

Country of final manufacture Portugal	If country cannot be stated, please state why		
Area of use Floor and Wall Tiles, Interiors and Exteriors			
Is there a Safety Data Sheet for this product?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
In accordance with the regulations of the Swedish Chemicals Agency, please state:	Classification Labelling	<input checked="" type="checkbox"/> Not relevant	
Is the product registered in BASTA?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Has the product been eco-labelled?	<input type="checkbox"/> Criteria not found <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If "yes", please specify:	
Is there a Type III environmental declaration for the product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Other information: The products are not registered in BASTA but they comply with the BASTA criteria; although we do not have a Type III EPD, exclusive of our products, we have an EPD with mean values of ceramic tiles, in wich our products were considered			

4 Contents

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
Ceramic Body	Minerals	100 %			

Other information:					
If the chemical composition of the product after it is built in differs from that at the time of delivery, the content of the finished built in product should be given here. If the content is unchanged, no data need be given in the following table.					
Constituent materials/ components	Constituent substances	Weight % or g	EG no/ CAS no (or alloy)	Classification	Comments
Other information:					

5 Production phase

Resource utilisation and environmental impact during production of the item is reported in one of the following ways: <input type="checkbox"/> 1) Inflows (goods, intermediate goods, energy etc) for the registered product into the manufacturing unit , and the outflows (emissions and residual products) from it, i.e. from "gate-to-gate". <input type="checkbox"/> 2) All inflows and outflows from the extraction of raw materials to finished products i.e. "cradle-to-gate". <input type="checkbox"/> 3) Other limitation. State what:			
The report relates to unit of product	<input type="checkbox"/> Reported product	<input type="checkbox"/> The product's product group	<input type="checkbox"/> The product's production unit
Indicate raw materials and intermediate goods used in the manufacture of the product		<input type="checkbox"/> Not relevant	
Raw material/intermediate goods	Quantity and unit	Comments	
Clays	28 - 29 %		
Kaolin	15 - 16 %		
Feldspar	48 - 49 %		
Talc	1.5 - 1.8%		
Sand	5.4 - 6.5 %		
Unfired tile scrap	0 - 75 % Max. (used in dark colors)		
Aditives	0.47 - 0.54 %		
Colorings	4 % Max. (added to a 100 % base)		
Indicate recycled materials used in the manufacture of the product		<input type="checkbox"/> Not relevant	
Type of material	Quantity and unit	Comments	
Enter the energy used in the manufacture of the product or its component parts		<input type="checkbox"/> Not relevant	
Type of energy	Quantity and unit	Comments	
Enter the transportation used in the manufacture of the product or its component parts		<input type="checkbox"/> Not relevant	
Type of transportation	Proportion %	Comments	
Enter the emissions to air, water or soil from the manufacture of the product or its component parts		<input type="checkbox"/> Not relevant	
Type of emission	Quantity and unit	Comments	

Enter the residual products from the manufacture of the product or its component parts					<input type="checkbox"/> Not relevant
Residual product	Waste code	Quantity	Proportion recycled		Comments
			Material recycled %	Energy recycled %	
Is there a description of the data accuracy for the manufacturing data?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:		
Other information:					

6 Distribution of finished product

Does the supplier put into practice a system for returning load carriers for the product?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Does the supplier put into practice any systems involving multi-use packaging for the product?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Does the supplier take back packaging for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the supplier affiliated to REPA?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Other information:			

7 Construction phase

Are there any special requirements for the product during storage?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Are there any special requirements for adjacent building products because of this product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Other information:				

8 Usage phase

Does the product involve any special requirements for intermediate goods regarding operation and maintenance?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:			
Does the product have any special energy supply requirements for operation?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:			
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 as being approx.	<input type="checkbox"/> 5 years	<input type="checkbox"/> 10 years	<input type="checkbox"/> 15 years	<input type="checkbox"/> 25 years	<input type="checkbox"/> >50 years	Comments
b) Reference service life estimated to be in the interval of 50 years						
Other information:						

9 Demolition

Is the product ready for disassembly (taking apart)?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:
Does the product require any special measures to protect health and environment during demolition/disassembly?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Other information:				

10 Waste management

Is it possible to re-use all or parts of the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:
Is it possible to recycle materials for all or parts of the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:

Is it possible to recycle energy for all or parts of the product?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:
Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Enter the waste code for the supplied product 10 12 08 (LER CODE)				
Is the supplied product classed as hazardous waste?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If the chemical composition of the product differs after having been built in from that which it had at the time of delivery, meaning that another waste code is given to the finished built in product, then this should be entered here. If it is unchanged, the following details can be omitted.				
Enter the waste code for the built in product				
Is the built in product classed as hazardous waste?			<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other information:				

11 Indoor environment

When used as intended, the product gives off the following emissions:			<input checked="" type="checkbox"/> The product does not have any emissions	
Type of emission	Quantity [$\mu\text{g}/\text{m}^2\text{h}$] or [$\text{mg}/\text{m}^3\text{h}$]		Method of measurement	Comments
	4 weeks	26 weeks		
Can the product itself give rise to any noise?			<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Value	Unit	Method of measurement		
Can the product give rise to electrical fields?			<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Value	Unit	Method of measurement		
Can the product give rise to magnetic fields?			<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Value	Unit	Method of measurement		
Other information:				

References

Appendices