

## 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 Tune series (10x10,20x20cm)	Product no/ID designation		Product group Glazed porcelain tile
<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 type="checkbox"/> No <input type="checkbox"/> Yes	Changed product can be identified by	
Drawn up/revised on (date) 17/06/2014		Inspected without revision on (date)	
Other information:			

### 2 Supplier information

Company name Seranit Granit Seramik San. ve Tic. A.S.		Company reg. no/DUNS no	
Address Meliha Avni Sözen Cd. No:40 Mecidiyeköy /Istanbul TURKEY		Contact person Müge ONBAS Total Quality Manager	
		Telephone +902123407400	
Website: www.seranit.com.tr		E-mail muge.onbas@seranit.com.tr	
Does the company have an environmental management system?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
The company possesses certification in compliance with	<input checked="" type="checkbox"/> ISO 9000	<input checked="" type="checkbox"/> ISO 14000	<input checked="" type="checkbox"/> Other
If "other", please specify: OHSAS 18001			
Other information:			

### 3 Product information

Country of final manufacture TURKEY		If country cannot be stated, please state why	
Area of use floor and wall coverings			
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:			

### 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
	SiO	60-70%			
	Al2O3	20-27%			
	Fe2O3	1,5-4%			

	CaO	0,2%			
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 <b>finished built in product</b> 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)	Classifi- cation	Comments
	MgO	0,2- 0,4%			
	K2O Na2O	2-3,7% 0,3-1%			
Other information:					

## 5 Production phase

<b>Resource utilisation and environmental impact during production of the item is reported in one of the following ways:</b> <input checked="" type="checkbox"/> 1) Inflows (goods, intermediate goods, energy etc) for the registered product into the <b>manufacturing unit</b> , 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 checked="" type="checkbox"/> The product's product group	
Indicate <b>raw materials and intermediate goods</b> used in the manufacture of the product					<input type="checkbox"/> Not relevant
Raw material/intermediate goods	Quantity and unit		Comments		
Clay	50%				
Silica Sand	20%				
Feldspat	30%				
Indicate <b>recycled materials</b> used in the manufacture of the product					<input type="checkbox"/> Not relevant
Type of material	Quantity and unit		Comments		
BROKEN GREEN BISCUIT	5%				
BROKEN FIRED BISCUIT	5%				
Enter the <b>energy</b> used in the manufacture of the product or its component parts					<input type="checkbox"/> Not relevant
Type of energy	Quantity and unit		Comments		
ELECTRIC	4,94 kwh/m <sup>2</sup>				
NATURAL GAS	3,2 sm3/m <sup>2</sup>				
Enter the <b>transportation</b> used in the manufacture of the product or its component parts					<input type="checkbox"/> Not relevant
Type of transportation	Proportion %		Comments		
highway	60				
seaway	40				
Enter the <b>emissions to air, water or soil</b> from the manufacture of the product or its component parts					<input type="checkbox"/> Not relevant
Type of emission	Quantity and unit		Comments		
to air	0,7141 kg/h				
Enter the <b>residual products</b> from the manufacture of the product or its component parts					<input checked="" 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 type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the supplier put into practice any systems involving multi-use packaging for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the supplier take back packaging for the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input 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 checked="" type="checkbox"/> >50 years	Comments
b) Reference service life estimated to be in the interval of ... years						
Other information:						

## 9 Demolition

Is the product ready for disassembly (taking apart)?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" 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: Raw tiles,dust extraction waste,and tile fracture: 100% is used again.
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: waste sludge
Is it possible to recycle energy for all or parts of the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If “yes”, please specify:
Does the supplier have any restrictions and recommendations for re-use, materials or	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If “yes”, please specify:

energy recycling or waste disposal?				
Enter the waste code for the <b>supplied</b> product 170103				
Is the <b>supplied</b> 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 <b>built in</b> product, then this should be entered here. If it is unchanged, the following details can be omitted.				
Enter the waste code for the <b>built in</b> product 170103				
Is the <b>built in</b> product classed as hazardous waste?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Other information:				

## 11 Indoor environment (To add a new green row, select and copy an entire empty row and paste it in)

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