



## BUILDING PRODUCT DECLARATION BPD 3

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

### 1 Basic data

<b>Product identification</b>		Document ID
Product name <b>Wekla GreenEcoboard</b>	Product no/ID designation <b>Wekla GreenEcoboard</b>	Product group <b>MagnesiumBoard</b>
<input type="checkbox"/> New declaration <input checked="" type="checkbox"/> Revised declaration	<b>In the case of a revised declaration</b>	
	Has the product been changed? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	The change relates to contents Changed product can be identified by MGOSO4
Drawn up/revised on 20161029		Inspected without revision on (date)

Other information:
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### 2 Supplier information

Company name <b>Wekla AB</b>		Company reg. no/DUNS no <b>556819-8367</b>	
Address <b>Fabriksgatan 38 412 51 Göteborg</b>		Contact person <b>S.Wedekull</b>	
Website: <b>www.wekla.com</b>		Telephone <b>+46 788 49 00</b>	
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 type="checkbox"/> Other	If "other", please specify:

Other information:
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### 3 Product information

Country of final manufacture <b>China</b>	If country cannot be stated, please state why		
Area of use <b>Indoor &amp; Outdoor</b>			
Is there a Safety Data Sheet for this product?	<input type="checkbox"/> Not relevant	<input checked="" 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 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:				

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

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

<b>At the time of delivery</b> , 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)	Classification	Comments
Magnesium Oxide	MGO	51-55	1309-48-4	A	

Magnesium Chloride	MgCl <sub>2</sub>	21.5-29.8	778-30-3	A	
Magnesium Sulfate	MgSO <sub>4</sub>	4.2-9.5	7487-88-9	A	
Fiber glass		2.0-3.0	65997-17-3	A	
Perlite		2.5-5.5	93763-70-3	A	
Wood powder		2.5-3.5	9004-34-6	A	
CaCo <sub>3</sub>	CaCo <sub>3</sub>	2.5-3.5	19569-21-2	A	
Filler (unwoven fiberglass)		1.0-1.5			
Additive	H <sub>3</sub> PO <sub>4</sub>	0.8-1.05	7664-38-2	A	

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)	Classification	Comments
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 type="checkbox"/> The product's product group	<input checked="" type="checkbox"/> The product's production unit
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
MGO	51-55		
MgCl <sub>2</sub>	21.5-29.8		
MgSO <sub>4</sub>	4.2-9.5		
Fiberglass	2.0-3.0		
Perlite	2.5-5.5		
Wood powder	2.5-3.5		
CaCo <sub>3</sub>	2.5-3.0		
Filler (unwoven fiberglass)	1.0-1.5		
H <sub>3</sub> PO <sub>4</sub>	0.8-1.05		

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Indicate <b>recycled materials</b> used in the manufacture of the product		<input type="checkbox"/> Not relevant			
Type of material	Quantity and unit	Comments			
	2.5-3.5				
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			
		Per months for 4 lines			
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			
Enter the <b>emissions to air, water or soil</b> from the manufacture of the product or its component parts		<input checked="" type="checkbox"/> Not relevant			
Type of emission	Quantity and unit	Comments			
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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: This belongs to the management of production, it is inspection standard		

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 checked="" 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:
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Are there any special requirements for adjacent building products because of this product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:
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Other information:
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## 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 checked="" type="checkbox"/> 25 years	<input type="checkbox"/> >50 years	Comments
b) Reference service life estimated to be in the interval of - years						

Other information:
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## 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:
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## 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 <b>supplied</b> product				
Is the <b>supplied</b> product classed as hazardous waste?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

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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		
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

Can the product itself give rise to any noise?		<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Value	Unit	Method of measurement		
Can the product give rise to electrical fields?		<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Value	Unit	Method of measurement		
Can the product give rise to magnetic fields?		<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Value	Unit	Method of measurement		
Other information:				

## References

## Appendices

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