



BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID BPD3MM130930
Product name Modulo / Multimodulo	Product no/ID designation EMODULO[xxxx] EMMDULO[xxxx]	Product group void former lost formwork
<input type="checkbox"/> New declaration <input checked="" type="checkbox"/> Revised declaration	In the case of a revised declaration	
	Has the product been changed? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	The change relates to More details regarding pigments Changed product can be identified by
Drawn up/revised on (date) 02/10/2013		Inspected without revision on (date)
Other information:		

2 Supplier information

Company name Geoplast s.p.a.		Company reg. no/DUNS no	
Address Via Martiri della Libertà 6 / 8		Contact person	
		Telephone +39 049 949 0289	
Website: www.geoplast.it		E-mail export@geoplast.it	
Does the company have an environmental management system?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
The company possesses certification in compliance with	<input checked="" type="checkbox"/> ISO 9000 <input type="checkbox"/> ISO 14000	<input type="checkbox"/> Other	If "other", please specify:
Other information:			

3 Product information

Country of final manufacture Italy		If country cannot be stated, please state why	
Area of use Building			
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 checked="" 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:			

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
Ethylene-propylene copolymer, random	PP-PE copolymere	97-99	9010-79-1		inert
Carbon Black		0,4-1,2%	215-609-9/ 1333-86-4		Pigment

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

LLDPE	Linear Low-Density Polyethylene	0,48-1,44%	9002-88-4		Inert
Calcium Carbonate		0,12-0,36%	207-439-9/ 471-34-1		Inert
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)	Classifi- cation	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 checked="" 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 weight of the finished product in kg	<input type="checkbox"/> Reported product	<input checked="" 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	
PP PE copolymer pellets	97-99% in weight		
Carbon Black	0,4-1,2% in weight	Pigment	
LLDPE	0,48-1,44% in weight	Pigment	
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Calcium Carbonate	0,12-0,36% in weight	Pigment	
Indicate recycled materials used in the manufacture of the product			<input type="checkbox"/> Not relevant
Type of material	Quantity and unit	Comments	
PP-PE copolymer	97-99% in weight		
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	
Electricity	0.28 Kwh / kg		
Enter the transportation used in the manufacture of the product or its component parts			<input type="checkbox"/> Not relevant
Type of transportation	Proportion %	Comments	
road	100		
Enter the emissions to air, water or soil 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 residual products from the manufacture of the product or its component parts			<input type="checkbox"/> Not relevant

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Residual product	Waste code	Quantity	Proportion recycled		Comments
			Material recycled %	Energy recycled %	
Process scrap PP PE copolymer	12 01 05 plastics shavings and turnings	<1%	100	0	100% re-use for same application
Is there a description of the data accuracy for the manufacturing data?					
		<input type="checkbox"/> Yes	<input checked="" 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Other information: Origin of raw material EU, mainly Italy, Austria, Germany: Pre consumer scrap plastic 68-70% Post consumer scrap plastic 24-25% Recycled Production scrap plastic 5%			

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 lost formwork, incorporated in building
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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: needs to be separated from concrete when building demolished
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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 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 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 120105				
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 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