

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID 120223-HN/MH
Product name Formenta Flagpoles	Product no/ID designation Art Nr: 100600-101825	Product group Flgst 06-18
<input type="checkbox"/> New declaration <input checked="" 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) 2012-02-23 / 2016-11-21		Inspected without revision on (date)
Other information: Environmental declaration of flagpoles since 2011		

2 Supplier information

Company name Formenta AB		Company reg. no/DUNS no 556496-8039	
Address Box 525 331 25 Värnamo		Contact person	
		Telephone +46 370-692550	
Website: www.formenta.se		E-mail info@formenta.se	
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: Producer of fiberglass products and specialized in flagpoles			

3 Product information

Country of final manufacture Sweden	If country cannot be stated, please state why		
Area of use Flagpoles for both company and private flags			
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 checked="" type="checkbox"/> Criteria not found <input type="checkbox"/> Yes <input type="checkbox"/> No	If "yes", please specify:	
Is there a Type III environmental declaration for the product?			<input type="checkbox"/> Yes <input type="checkbox"/> No
Other information: Declaration for emissions of carbon dioxide, nitrix oxide, sulfur oxide, dust etc.			

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
Fiberglass Woven Rowing		30%			
Fiberglass Matt		6%			
Uthärdad Polyester	omättad polyester	21%			
Uthärdad Gelcoat	omättad polyester	3%			
Steel (not stainless)		38%			Steel base

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

Polycarbonate		0,9%			Finial
Polyester Thread		0,9%			Halyard
Polyamid		0,2%			Cleat
Other information: Flagpoles can be delivered with other options than cleat.					
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 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		
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		
Environmentally Safe Energy						
District Heating from Biofuel						
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		
Carbon dioxide		2,76kg				
Nitric oxide		37g				
Sulfur dioxide		0,16g				
Styrene		412g				
Acetone		485g				
Enter the residual products from the manufacture of the product or its component parts					<input type="checkbox"/> Not relevant	
		Proportion recycled				
Residual product		Waste code	Quantity	Material recycled %	Energy recycled %	Comments

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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 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 type="checkbox"/> No
Does the supplier take back packaging for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is the supplier affiliated to REPA?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other information:			

7 Construction phase

Are there any special requirements for the product during storage?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If “yes”, please specify:
Are there any special requirements for adjacent building products because of this product?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If “yes”, please specify:
Other information: The product is highly resistant and produced for outdoor usage also in extreme weather.				

8 Usage phase

Does the product involve any special requirements for intermediate goods regarding operation and maintenance?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If “yes”, please specify: Limited maintenance for accessories			
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 50-70 years						
Other information: Formenta have produced high quality fiberglass flagpoles since 1972.						

9 Demolition

Is the product ready for disassembly (taking apart)?	<input 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 checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input 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: Strong fiberglass material
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: Part of product
Is it possible to recycle energy 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:
Does the supplier have any restrictions and	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If “yes”, please specify:

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recommendations for re-use, materials or energy recycling or waste disposal?				
Enter the waste code for the supplied product Doesn't exist. The product is highly resistant.				
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 (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 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 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 type="checkbox"/> No
Value	Unit	Method of measurement		
Other information:				

References

Appendices