

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID M-0124
Product name WISE Parasol Zenith b	Product no/ID designation WISE Parasol Zenith b 1192-B-160	Product group 24101 Waterborne climate systems
<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) 2019-01-22		Inspected without revision on (date)
Other information:		

2 Supplier information

Company name Swegon AB		Company reg. no/DUNS no 556077-8465	
Address Box 979 SE-671 29 Arvika		Contact person Telephone Annica Flödén +46570-84440	
Website: www.swegon.com		E-mail annica.floden@swegon.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:			

3 Product information

Country of final manufacture Sweden	If country cannot be stated, please state why		
Area of use Comfort ventilation, cooling and heating for hotels, hospital rooms, shopping centers and office buildings			
Is there a Safety Data Sheet for this product?		<input 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 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)	Classification	Comments
Component (s) of galvanized sheet steel (zinc plated)	Galvanized steel	46,5%	68467-81-2		SS-EN 10143+10346 - DX51D + Z275

Component (s) of prepainted sheet steel (prelaq) Poylester	Zinc	0,72%	7440-66-6	SS-EN 10143+10346 - DX52D + ZA95
	Steel	14,4%	68467-81-2	
		0,12%		
Components of aluminum	Aluminum 8006	20,0%	7429-90-5	Valve VDN 215 (Nickel <1%) Valve actuator ACTUATOR b 24V NC
Components of copper	Copper	10,7%	7440-50-8	
Components of plastics	Polyethylene	0,25%	9002-88-4	
	PP	1,42%	9003-07-0	
	PET	0,82%		
Valve	Brass Ms 58	1,53%	CW617N, CW614	
Valve actuator	PBT, 30% GF	0,29%	30965-26-5	
	Steel	0,11%	EN 10270-2; VDSiCr	
	Brass	0,31%	CW671N	
	Thermo plastic	0,1%		
	Copper	0,1%	7440-50-8	
Actuator	PA66+PA6-GF30 FR	1,12%		Actuator 315C-024
	Copper	0,32%		
	PUR	0,24%		
	PA66+PA6I/X- GF40 FR	0,21%		
Electronics	Copper	0,36%	7440-50-8	
	Nickel	0,004%	7440-02-0	
	Lead	0,004%	7439-92-1	
	Tin	0,027%	7440-31-5	
	Chromium	0,004%	7440-47-3	
	Tantalum	0,019%	7440-25-7	
	TBBA	0,027%	79-90-7	
	Neodymium	0,019%	7440-00-8	
	Silicon	0,008%	7440-21-3	
	Epoxi resin	0,107%	253193-59-8	
	PEEK	0,019%	-	
	Molybdenum	0,008%	7439-98-7	
	Mineral powder	0,008%	-	
	Phosphorus	0,008%	7723-14-0	
	Pulp cellulosa	0,023%	65996-61-4	
	Silica, vitreous	0,034%	60676-86-0	
Glass fibre	0,176%	65997-17-3		
Phenol	0,027%	9003-35-4		
	formaldehyde			

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.

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

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	
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

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

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 checked="" 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 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:			

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: Weather protected
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 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:						

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:
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 checked="" type="checkbox"/> Not relevant	<input 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: Metals and plastics
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: Plastics
Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:
Enter the waste code for the supplied product 20 01 36				
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:				

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

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? Value *)		Unit	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			Method of measurement	
Can the product give rise to electrical fields? Value		Unit	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
			Method of measurement	
Can the product give rise to magnetic fields? Value		Unit	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
			Method of measurement	
Other information: *) Noise can result from improper sizing				

References

Product sheet for Parasol Zenith
Parasol Zenith installation instructions

Appendices