

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID WISE IRT BPD3
Product name WISE IRT	Product no/ID designation 81075701	Product group Demand controlled ventilation
<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) 2017-10-18		Inspected without revision on (date)
Other information:		

2 Supplier information

Company name Swegon Operations 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			
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 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
PCB-contact	Polyamid (PA/Nylon)	1,06%	32131-17-2		
	Bronze	0,77%	-		
	Stainless steel	0,17%	SS2331-44		
		0,12%			

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

Front cover	PC	26,4%	103598-77-2		
Rear cover	PP	23,7%	9003-07-0		
Lables	Polyester	0,18%	-		
PCBA		19,3%			
PCB	Epoxy *	5,8%	253193-59-8		
	Glass	8,51%	65997-17-3		
	Copper	4,64%	7440-50-8		
	Gold	0,039%	7440-57-5		
	Soldermask	0,27%	-		
	Brome *	0,017%	-		
Battery holders	Spring steel	1,59%	SS2331-44		
IR_sensor		0,70%	-		
Metal shield	Steel	0,66%	7439-89-6		
Aluminium electrolyte	Aluminaoxid/	2,64%	1344-28-1,		
	Alumina		7429-90-5		
Connector	Brass	0,41%	CuZn40Pb2Al		
Components	Steel	0,53%	7439-89-6		
	PA	1,25%	63428-83-1		
	Glass	0,35%	65997-17-3		
	Spring steel	0,70%	SS2331-44		
	Aluminiumoxide	0,58%	1344-28-1		
	Bariumtitanoxide	0,18%	-		
	Zirconiumoxide	0,35%	-		
	Nickle	0,16%	7440-02-0		
	Tin	0,85%	7440-31-5		
	Gold	0,029%	7440-57-5		
	Silicon	0,58%	7440-21-3		
	Aluminium	0,44%	7429-90-5		
	Brass	0,29%	CuZn40Pb2Al		
	Copper	0,26%	7440-50-8		
Assembly screw	Stainless steel	0,26%	12597-68-1		
Battery	Based on		LiSOCI2		
	LiSOCI2				
	Lithium	0,62%	7439-93-2		
	Tionyl chloride	10,6%	7719-09-07		
	Aluminium	2,2%	7429-90-5		
	Carbon	0,53%	1333-86-4		
	Aluminium chloride	0,62%	7746-70-0		

Other information: * Brome in the epoxy, Flame retardant: Phosphorus

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:

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<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: A LCA is presented as an annual review of the company's environmental aspects.					

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 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 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 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 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 checked="" type="checkbox"/> Yes	<input 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 15-25 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 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: 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 Plastics 17 02 03 Other waste 16 01 99					
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	Comments	

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	4 weeks	26 weeks	measurement	
Can the product itself give rise to any noise?			<input type="checkbox"/> Not relevant	<input checked="" 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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Value *)		Unit	Method of measurement	
Other information: *) Noise can result from improper sizing and installation. The sound generation from the product is shown in the product sheet. Electrical and magnetic fields are presented in the product sheet and/or CE-declaration.				

References

Appendices

Producer certificate
CE & ROHS certificate