

## 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 WISE_DIRa_BPD3_EN
Product name WISE DIRa	Product no/ID designation WISE DIRa	Product group Demand controlled ventilation
<input checked="" type="checkbox"/> New declaration <input type="checkbox"/> Revised declaration	<b>In the case of a revised declaration</b>	
	Has the product been changed?	The change relates to Updated material list.
	<input type="checkbox"/> No <input type="checkbox"/> Yes	Changed product can be identified by Small letter
Drawn up/revised on (date) 2017-09-14		Inspected without revision on (date)
Other information:		

### 2 Supplier information

Company name Swegon AB		Company reg. no/DUNS no 556077-8465	
Address Industrigatan 5 SE-275 35 Tomelilla		Contact person	
Website: www.swegon.com		Telephone +46(0)41719800	
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 Indoor Climate			
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
Screws	Steel	0,53%	7439-89-6		
Top cover		44,31%			
	Alumina	44,2%	7429-90-5		
	Paint	0,11%			
Bottom cover		36,81%			

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

	Steel	36,7%	7439-89-6		
	Paint	0,11%			
<b>Terminal block</b>		<b>0,275%</b>			
	PA4.6	0,046%	63428-83-1		
	Antimonytrioxid	0,0028%	1309-64-4		
	Bronze	0,038%	65997-17-3		
	Brass	0,188%	CuZn40Pb2Al		
<b>Antenne cable</b>		<b>2,02%</b>			
	Steel	1,82%	7439-89-6		
	Polymer (PP?)	0,14%	-		
	Copper	0,040%	7440-50-8		
	Nickle	0,0081%	7440-02-0		
	Gold	0,012%	7440-57-5		
<b>Antenna</b>		<b>2,318%</b>			
	Steel	2,11%	7439-89-6		
	Polymer	0,198%	9002-88-4 (?)		
	Copper	0,01%	7440-50-8		
<b>Labels</b>	<b>Polyester</b>	<b>0,014%</b>			
<b>PCBA</b>		<b>12,56%</b>			
PCB	Epoxy *	2,27%	253193-59-8		
	Glass	3,33%	65997-17-3		
	Copper	1,82%	7440-50-8		
	Gold	0,015%	7440-57-5		
	Soldermask	0,106%			
	Brom *	0,0068%			
Metal shield	Steell	0,73%	7439-89-6		
Aluminium electrolyt	Aluminiumoxid/Aluminium	0,92%	1344-28-1, 7429-90-5		
Connector	Brass	0,18%	CuZn40Pb2Al		
Components	Steel	0,34%	7439-89-6		
	PC	0,001%	24936-68-3		
	Alumina	0,057%	7429-90-5		
	Plastic (PA)	0,74%	63428-83-1		
	Glass	0,09%	65997-17-3		
	Spring steel	0,23%	SS2331-44		
	Aluminumoxide	0,21%	1344-28-1		
	Bariumtitanoxide	0,023%			
	Nickle	0,076%	7440-02-0		
	Tin	0,14%	7440-31-5		
	Gold	0,014%	7440-57-5		
	Silicon	0,14%	7440-21-3		
	Brass	0,21%	CuZn40PbsAl		
	Copper	0,57%	7440-50-8		
	Lithium	0,023%	7439-93-2		

Other information: \* Brome in epoxy, flame retardants based on 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:					

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## 5 Production phase

For further information referring to LCA information
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 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: See Installation-Commissioning-Maintenance on swegon.com				

## 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 type="checkbox"/> >50 years	Comments
b) Reference service life estimated to be in the interval of 15-25 years						
Other information: Reference service life is current under "normal conditions" according to on deliverytime valid product sheet.						

## 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: The product is easy to disassemble
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 type="checkbox"/> Yes	<input checked="" 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: 48% plastic
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: Plastic is combustible waste
Does the supplier have any restrictions and recommendations for re-use, materials or	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:

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energy recycling or waste disposal?					
Enter the waste code for the <b>supplied</b> product 17 02 03, 16 01 99					
Is the <b>supplied</b> 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 <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
	4 weeks	26 weeks		
Can the product itself give rise to any noise?				
Value			Unit	
Method of measurement				
Can the product give rise to electrical fields?			<input type="checkbox"/> Not relevant	
Value			Unit	
Method of measurement				
Can the product give rise to magnetic fields?			<input type="checkbox"/> Not relevant	
Value			Unit	
Method of measurement				
Other information:				

## References

## Appendices