

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID VIREO_Ca_BVD3_EN
Product name VIREO Ca	Product no/ID designation Ceiling diffuser	Product group Air diffusers
<input checked="" type="checkbox"/> New declaration <input 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 Changed product can be identified by Version letter (small letter at the end of the product name)
Drawn up/revised on (date) 2014-06-23		Inspected without revision on (date)
Other information: The product data is taken from the reference size 400-600 and is valid for all sizes of the product. The material specification is shown in % of the total weight. In the product sheet the weight is presented in kg or grams for each size.		

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
Sheet		73,99%	EN10130 DC04		
Sheet		12,65%	EN10142, FEP02GZ275		

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

Powder coating Axalta, Alesta EP4000-9136627		5,57%			Percentage of the total weight
	<i>Polyester resin,</i>	<i>1,78%*</i>			
	<i>Epoxy resin</i>	<i>1,34%*</i>			
	<i>Other pigments</i>	<i>2,40%*</i>			
	<i>Benzene tetra carbon acid</i>	<i>0,05%*</i>	<i>CAS 54553-91-2 EC 259-226-5</i>		
Nozzels, plastic	Polypropen	6,79%			
	<i>(C3H6)x</i>	<i>4,76%*</i>	<i>9003-07-0</i>		
	<i>H2O3Si3/4mg</i>	<i>1,02%*</i>	<i>14807-96-6</i>		
	<i>BaH204S</i>	<i>1,02%*</i>	<i>7727-43-7</i>		
Sealing ring	Rubber	1%			
	<i>EPDM polymer1+2</i>	<i>0,3%*</i>	<i>25038-36-2</i>		
	<i>Carbon Black</i>	<i>0,35%*</i>	<i>1333-86-4</i>		
	<i>Mineral Oil</i>	<i><0,2%*</i>	<i>64741-88-4 Ej R45</i>	<i>NOTE! Free from R45</i>	<i>R45 is consumed during vulcanization process at supplier</i>
	<i>Calciumcarbonate</i>	<i>0,15%*</i>	<i>471-34-1</i>		

Other information: * Specified percentage of the total weight for content in "constituent materials/ components". Mineral oil in the sealing ring is not included in the final product.

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)	Classification	Comments
Other information:					

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: Installation-Commissioning-Maintenance on swegon.com				

8 Usage phase

Does the product involve any special requirements for	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
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intermediate goods regarding operation and maintenance?						
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 modular constructed
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: The entire product can be reused / refreshed	
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: Sheet metal 86%, plastics 6,8%	
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 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 86% 17 04 05 and 6,8% 17 02 03/16 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 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			<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Unit		Method of measurement			

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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: Improper design and installation, noise can occur. Product noise level shown in the brochure. Electric and magnetic fields are reported in the product data sheets and / or CE declaration.				

References

Appendices