

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID GTHc_BPD3_EN
Product name GTHc	Product no/ID designation Grille diffuser	Product group Air diffusers
☐ New declaration ☒ Revised declaration	In the case of a revised declaration	
	Has the product been changed?	The change relates to Updated powder coating content.
	☒ No ☐ Yes	Changed product can be identified by
Drawn up/revised on (date) 2012-02-01/2014-04-09		Inspected without revision on (date)
Other information: : The product data is taken from the reference size 400-150 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?		E-mail tomelillasupport@swegon.se	
		☒ Yes ☐ No	
The company possesses certification in compliance with	☒ ISO 9000 ☒ ISO 14000	☐ 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?		☒ Not relevant	☐ Yes ☐ No
In accordance with the regulations of the Swedish Chemicals Agency, please state:		Classification Labelling	☒ Not relevant
Is the product registered in BASTA?		☐ Yes ☒ No	
Has the product been eco-labelled?	☒ Criteria not found ☐ Yes ☐ No	If "yes", please specify:	
Is there a Type III environmental declaration for the product?			☐ Yes ☒ 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)	Classifi- cation	Comments
Grill frame	Aluminium	70%			
Air deflectors	Galvanized steel sheet	25%	EN 10142 FE P02G z275		

Powder coating Axalta, Alesta EP4000-9136627	Polyester powder	4%		EG1272/2008	Percentage of the total weight
	<i>Polyester resin, percentage 32%</i>	<i>1,28%</i>			<i>Percentage of the powder coating weight</i>
	<i>Epoxy resin, percentage 24%</i>	<i>0,96%</i>			<i>Percentage of the powder coating weight</i>
	<i>Other pigments, percentage 43%</i>	<i>1,72%</i>			<i>Percentage of the powder coating weight</i>
	<i>Benzene tetra carbon acid, percentage 1%</i>	<i>0,04%</i>	<i>CAS 54553-91-2 EC 259-226-5</i>		<i>Percentage of the powder coating weight</i>
Locking springs	Galvanized steel sheet	0,5%	SS2331-44		
Corner lockings	Galvanied steel sheet	0,5%	EN 10142 FeP02G, z275		
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.					
Constituent materials/ components	Constituent substances	Weight % or g	EG no/ CAS no (or alloy)	Classifi- cation	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?	☐ Not relevant	☐ Yes	☒ No
Does the supplier put into practice any systems involving multi-use packaging for the product?	☐ Not relevant	☒ Yes	☐ No
Does the supplier take back packaging for the product?	☐ Not relevant	☐ Yes	☒ No
Is the supplier affiliated to REPA?	☐ Not relevant	☒ Yes	☐ No
Other information:			

7 Construction phase

Are there any special requirements for the product during storage?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Are there any special requirements for adjacent building products because of this product?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Other information: Installation-Commissioning-Maintenance on swegon.com				

8 Usage phase

Does the product involve any special requirements for intermediate goods regarding operation and maintenance?		☐ Yes	☒ No	If "yes", please specify:	
Does the product have any special energy supply requirements for operation?		☐ Yes	☒ 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.	☐ 5 years	☐ 10 years	☐ 15 years	☐ 25 years	☐ >50 years
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)?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Does the product require any special measures to protect health and environment during demolition/disassembly?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Other information:				

10 Waste management

Is it possible to re-use all or parts of the product?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Is it possible to recycle materials for all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: 95% can be recycled
Is it possible to recycle energy for all or parts of the product?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: scrap metal
Enter the waste code for the supplied product				
Is the supplied product classed as hazardous waste?				☐ Yes ☒ 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?				☐ Yes ☒ 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:			☒ 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?			☐ Not relevant	☐ Yes ☒ No
Value	Unit		Method of measurement	
Can the product give rise to electrical fields?			☐ Not relevant	☐ Yes ☒ No
Value	Unit		Method of measurement	

Can the product give rise to magnetic fields?		☐ Not relevant	☐ Yes	☒ 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