

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID REACTa_BPD3_EN
Product name REACTa 250	Product no/ID designation 75805	Product group Demand control 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 Product name
Drawn up/revised on (date) 2011-09-01		Inspected without revision on (date) 2011-09-01
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	
		E-mail tomelillasupport@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 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

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
See appendix	See appendix	See appendix x	See appendix	See appendix	See appendix
See appendix					

5 Production phase

For further information referring to LCA information
Other information: Life cycle analysis can be found in Swegons annual environmental report

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 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 type="checkbox"/> Yes	<input checked="" 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 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: 75-100 can be recycled
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:

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

energy recycling or waste disposal?					
Enter the waste code for the supplied product					
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

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?			<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 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

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Product:	REACTa 250 Variable-flow commissioning damper			
Detail:				
Art. number:	75805			
Consists of	Material	Amount(g)	Amount (%)	CAS-nr. / EG-nr. / Alloy
ductpart	EN 10346:2009	1970	58,40%	DX51D+Z275
Damper blade	EN 10346:2009	241	7,14%	DX51D+Z275
Damper shaft	DIN 2395 Galvat	98	2,91%	
Measuring tube	Al / SAPA6060	74	2,19%	
Shelf	EN 10346:2009	230	6,82%	DX51D+Z275
Damper sealing	EPDM	30	0,89%	
Rubber tightening	EPDM	36	1,07%	
Adapter	ZP0410	28	0,83%	
Dampermotor				
Plastic	ABS	25	0,74%	9003-56-9
Plastic	PA 66	92	2,73%	25038-54-4
Plastic	POM	4	0,12%	66455-31-0
Circuit board	Elektronik	28	0,83%	
Steel	Fe och Zn	252	7,47%	
Zinc tigtning	Al och Zn	101	2,99%	
Brass	CuZn	1	0,03%	
Copper	Cu	40	1,19%	
Sealing ring	Polyeten	30	0,89%	9002-88-4
Measuring nipple	POM	6	0,18%	66455-31-0
Pop rivet	Aluminium	16	0,47%	
Rubber tigtning	PUR	2	0,06%	64060-31-7
Screw	stål Cromaterad	4	0,12%	
Tube guiding	EN 10346:2009	15	0,44%	DX51D+Z275
Hose	PVC	17	0,50%	9002-86-2
Hose	PVC	17	0,50%	9002-86-2
Cable ties	Polyamaid	2	0,06%	25038-54-4
Bushing	PA 6	2	0,06%	25038-54-4
Dirt protection	Polyeten	12	0,36%	9002-88-4
	Total	3373	100%	

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