

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID M-122
Product name LUNA d RE-1MB/ RE-S MB/ RE-S C/O HME	Product no/ID designation 80967212/ 80967211/ 81870411	Product group Demand controlled ventilation
☒ New declaration ☐ Revised declaration	In the case of a revised declaration	
	Has the product been changed?	The change relates to
	☒ No ☐ Yes	Changed product can be identified by
Drawn up/revised on (date) 2021-02-25		Inspected without revision on (date)
Other information: Only the software differs between RE-1, RE-S and RE-S C/O		

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 Flöden +46570-84440	
Website: www.swegon.com		E-mail annica.floden@swegon.se	
Does the company have an environmental management system?		☒ 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 Comfort ventilation			
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
Casing	ABS/V0	52,4%	9003-56-9		
Electronic components		31,7%			
Circuit board FR4 laminate	Glass fabric Copper	15,8%	65997-17-3 7440-50-8		

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

	Epoxy with TBBP A	<1%	26265-08-7		

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

Resource utilisation and environmental impact during production of the item is reported in one of the following ways:

☐ 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”.

☐ 2) All inflows and outflows from the extraction of raw materials to finished products i.e. “cradle-to-gate”.

☐ 3) Other limitation. State what:

The report relates to unit of product	☐ Reported product	☐ The product's product group	☐ The product's production unit
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Indicate **raw materials and intermediate goods** used in the manufacture of the product ☐ Not relevant

Raw material/intermediate goods	Quantity and unit	Comments

Indicate **recycled materials** used in the manufacture of the product ☐ Not relevant

Type of material	Quantity and unit	Comments

Enter the **energy** used in the manufacture of the product or its component parts ☐ Not relevant

Type of energy	Quantity and unit	Comments

Enter the **transportation** used in the manufacture of the product or its component parts ☐ 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 ☐ Not relevant

Type of emission	Quantity and unit	Comments

Enter the **residual products** from the manufacture of the product or its component parts ☐ Not relevant

Residual product	Waste code	Quantity	Proportion recycled		Comments
			Material recycled %	Energy recycled %	

Is there a description of the data accuracy for the ☐ Yes ☐ No If “yes”, please specify:

manufacturing data?			
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?	☐ 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: *)				

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	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)?	☐ 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: Metals and plastics
Is it possible to recycle energy for all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: Plastics
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:
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?	☐ 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: *) 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