

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID VCV21052013
Product name VCV	Product no/ID designation	Product group VENESSE
☒ 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) 2013-05-21		Inspected without revision on (date)
Other information:		

2 Supplier information

Company name 2VV s.r.o.		Company reg. no/DUNS no CZ62065467	
Address Poděbradská 289 PARDUBICE, CZ-530 09, Czech rep.		Contact person Jan Lichy	
		Telephone +420 466 741 813	
Website: www.2vv.cz		E-mail jan.lichy@2vv.cz	
Does the company have an environmental management system?		☒ Yes	☐ No
The company possesses certification in compliance with	☒ ISO 9001 ☐ ISO 14000	☒ Other	If "other", please specify: TÜV-SÜD - Production monitored, Type tested
Other information:			

3 Product information

Country of final manufacture Czech rep.	If country cannot be stated, please state why
Area of use The vertical air curtain allows barrier free separation of two spaces with different climactic conditions. This air curtain is especially suitable for installation in presentation rooms, shopping centres, bank and hotel foyers, restaurants, etc.	

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 made of galvanized steel plate (zinc plated)	steel plate zinc	69-85% 1-2%	68467-81-2 7440-66-6		
Water coil made of steel plate, aluminium plates and copper tubes	steel aluminium copper	6-11% 5-7% 4-6%	68467-81-2 7429-90-5 7440-50-8		
Centrifugal fan	steel aluminium copper	2-3% 1-2% 1-2%	68467-81-2 7429-90-5 7440-50-8		
Cables	copper PP	<1% <1%	7440-50-8 9003-07-0		
Fasteners	steel zinc	<1% <1%	68467-81-2 7440-66-6		
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
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	
Electric	5,3 kW		
Enter the transportation used in the manufacture of the product or its component parts		☒ Not relevant	
Type of transportation	Proportion %	Comments	
Road	50		
Rail	25		
Sea	25		
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 %	
Plastic	15 01 02	0,1 kg	100		
Metal	17 04 05	1,9 kg	100		
Cardboard	20 01 01	0,3 kg	100		
Cables	17 04 11	0,1 kg	100		
Is there a description of the data accuracy for the manufacturing data?	☐ Yes	☒ No	If “yes”, please specify:		
Other information: We do not use the LCA-method at present. For energy consuming products having their main environmental impact during the user-phase is the LCC-method a more suitable tool in our efforts to shift to more energy-efficient components and systems.					

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: 2VV is affiliated with EKO-KOM in Czech republic. This is equivalent to swedish REPA and both are the members of the PRO EUROPE. PRO EUROPE is an international umbrella organisation for national member systems for the recovery and recycling of packaging waste in Europe. All these systems use the Green Dot mark as a symbol of financing packaging waste recycling.			

7 Construction phase

Are there any special requirements for the product during storage?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: clean, dry, tempered stock
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: Voltage AC 240-400V			
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 _____ years						
Other information: Reference lifetime applies to "normal operation" according to valid product sheet at the time of delivery.						

9 Demolition

Is the product ready for disassembly (taking apart)?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: All components can be divided or screwed apart so that different types of materials can be separated.
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:
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Is it possible to recycle materials for all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: All parts are recyclable
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:
Enter the waste code for the supplied product 20 01 36				
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 <56,0	Unit dB(A)	Method of measurement ISO 3744 - measured 3m from air curtain intake		
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:

References

Appendices